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al personalului didactic

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Departmenul de Bioinginerie

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Lista de lucrări

NUMELE ȘI PRENUMELE: Albert (Ábrahám) Beáta

I. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Tezele de doctorat.

Evolutia turbăriilor din județul Harghita, 2009, Conducător științific: Dr. Aurelia Brezeanu, Institutul de Biologie al Academiei Române, calificativ: foarte bine

Procedeu de obtinere a bioetanolului din deseuri agroalimentare tratate cu enzime termostabile recombinante, obtinuta prin expresie heterologa extracelulara, 2012, Conducător științific: Dr. Lányi Szabolcs, Universitatea Politehnica București, Facultatea de Chimie Aplicată și Știința Materialelor, calificativ: foarte bine

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate, la edituri recunoscute

Éva Laslo, Éva György, **Beáta Ábrahám** and Gyöngyvér Mara, *Plant-Microbe Interactions in Agro-Ecological Perspectives, Volume 1: Fundamental Mechanisms*, Methods and Functions, Springer Singapore, 2017, 978-981-10-5813-4, 10.1007/978-981-10-5813-4: Bacterial Strains with Nutrient Mobilisation Ability from Ciuc Mountains (Transylvania Region, Romania)

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

B. Abraham, *Evolutia turbariilor din județul Harghita*, Editura Scientia, 2009, Cluj Napoca, ISBN 978-973-1970-30-1

V. Turcin, I. Bârsan, I. Păună, L. Pușcaș, V. Anca, A. Toma, L. Flore, E. Măgureanu, E. Istrate, M. Vasiliu, I. F. Hăntilă, Sz. Lanyi, **B. Abraham** et. al, *Instalație și tehnologii de pasteurizare cu microunde a laptelui și a smântânii*, Editura Printech, 2008, București

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

B6. Capitole de cărți publicate în țară

Sz. Lanyi, F. D. Irimie, **B. Abraham**, *Impactul câmpurilor electromagnetice de natură antropică asupra ecosistemelor, Capitol III. P. 107-118*, Editura Printech, 2007, București, ISBN: 978-973-718-912-7

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

2025

1. David, F., Salamon, P., Bodor, Z., Miklossy, I., Orban, C., Albert, B., Relationship between physical condition and academic performance in rural Romanian schoolchildren. *Sportis: Revista Técnico-Científica del Deporte Escolar, Educación Física y Psicomotricidad*, 2025, 11(1), 10.

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Csató-Kovács, E., Salamon, P., Fikó-László, S., Kovács, K., Koka, A., András-Korodi, M., Antal, E., Brumă, E., Tórsök, B., Gudor, S., Miklóssy, I., Orbán, K. C., Albert, C., Bálint, E. É., Albert, B., Development of a Mammalian Cell Line for Stable Production of Anti-PD-1. Antibodies, 2024, 13(4), 82. <https://doi.org/10.3390/antib13040082>

2023

1. Hunor Pál Fodor, Hunor Dávid, Attila Czont, Ildikó Miklóssy, Kálmán-Csongor Orbán, Gyöngyi Tar, Abony Fodor, Zita Kovács, Beáta Albert and Pál Salamon, Enhanced Gait Recovery in Chronic Post-COVID-19 Stroke: The Role of Combined Physical Rehabilitation, *Reports* 2023, Volume 6, Issue 4, 51

2022

2. Laura Nagy, Péter Urbán, Lilla Makszin, Viktor Sándor, Anikó Kilár, Hajnalka Ábrahám, Beáta Albert, Béla Kocsis, Ferenc Kilár, *The effect of mutation in lipopolysaccharide biosynthesis on bacterial fitness*, *Cells*, 2022, 11, 3249. <https://doi.org/10.3390/cells11203249>
3. Pál Salamon, Csongor K. Orbán, Katalin Molnár-Nagy, Zita Kovács, Klára Váncsa, Emese Bálint, Ildikó Miklóssy, Beáta Albert, Gyöngyi Tar, and Szabolcs Lányi, *Study of native SMAC protein production in the pUbiq expression system: molecular cloning, biosynthesis and molecular modelling*, *Electronic Journal of Biotechnology*, Manuscript number: EJBT-D-21-00069R2, 2022

2021

4. Szövérfi János, Orbán Kálmán-Csongor, **Albert Beáta**, Nagy Katalin, Salamon Pál, Lányi Szabolcs, In vitro study of the CCMV capsid protein: cloning, expression, and purification, *UPB Sci. Bull, Series B*, Vol. 83, Iss.1, 2021

2020

1. Bodor Zs., Fazakas A., Kovács E., Lányi Sz., Albert B., *Using genome-scale model to predict the metabolic engineering impact on Echerichia coli metabolism during succinic acid production optimization*, *Romanian Biotechnological Letters*, ISSN: 1224 - 5984, 2020.

2019

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2. Nagy K., Kovács Z., Salamon P., Orbán Cs., Lányi Sz., Albert B., *Enhanced heterologous expression in E. coli*, Babes-Bolyai, Seria Chemia, ISSN: 1224-7154, 2, 2019
3. Bodor Zs., Lányi Sz., Albert B., Bodor K., Nechifor E., Miklóssy I., *Model driven analysis of the biosynthesis of 1,4-butanediol from renewable feedstocks in Escherichia coli*, Revista de Chimie, ISSN: 2537-5733, 353, 2019.
4. Nagy K., Orbán Cs K., , Albert B., Lányi Sz., *Biosynthesis BIR3 domain of inhibitor of apoptosis proteins*, U.P.B. Sci. Bull., Series B, Vol. 81, Iss. 4, 2019 ISSN 1454-2331, 2019.
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2017

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2015

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6. Bodor, Zs., Fazakas (Iuhasz), A., Kovács, E., Lányi, Sz., Albert, B.: *Systems biology and metabolic engineering for obtaining E. coli mutants capable to produce succinate from renewable resources*, Romanian Biotechnological Letter, ISSN 1224-5984, 19, Nr. 4, **2014**, pp.9625-9636. (IF:0.363)
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8. Fazakas A., Bodor Zs., Kovacs E., Laslo E., Lanyi Sz., **B. Abraham**, *Isolation of succinic acid producing Escherichia coli from animal faeces*, Studia Universitatis "Babeş Bolyai", Seria Chemia , 2014, acceptat, (IF: 0.231; EF: 0.000525; AI: 0.0113)
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12. Kovács E., Szilágyi L., Koncz G., Lányi Sz., Ábrahám B., *Enhanced in vitro refolding of soluble human Glucocorticoid-Induced TNF Receptor- Related Ligand*, 2013, Appl Biochem Biotechnol. 2013 Jun;170 (4):819-30 IF: 1,93
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16. Szabó (Pálfi), M., Petres, J., Szilágyi, L., Miklóssy, I., **Ábrahám, B.**, Lányi, Sz., *Possible application of metal sensitive re fluorescent proteins in environmental monitoring*. Environmental Engineering and Management Journal, 11 (1), 193-198, 2012, (IF: 1; EF: 0.000525; AI: 0.0665)
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4. Bodor, Zs., Orbán, K.Cs., Miklóssy, I., Juhász K., **Ábrahám, B.**, Lányi, Sz., *Heterologous expression of Bacillus Licheniformis α -amylase in Pichia pastoris*, Studia Universitatis “Babeş Bolyai”, Seria Chemica, 55, Special Issue 9-22, 2010 (I.F.=0.231, EF: 0.000525; AI: 0.0113)
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10. György, É., Mara, Gy., Máthé, I., Laslo, É., Márialigeti, K., **Albert, B.**, Oancea, F., Lányi, Sz.: *Characterization and diversity of the nitrogen fixing microbiota from a specific grassland habitat in the Ciuc Mountains*, Roumanian Biotechnological Letters, 15, 4, p. 5474-5481, ISSN 1224-5984, 2010 (I.F.=0.219; EF: 0.000164; AI: 0.0333).

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2013

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Oancea Florin, Dinu Sorina, Popescu Ana, Mathe Istvan, **Beata Abraham**, Lanyi Szabolcs, *Tulpina de Paenibacillus graminis care favorizeaza nodularea plantelor leguminoase*, Brevet de inventie Nr. 125651

Oancea Florin, Constantinescu Florica, Dinu Sorina, Siciua Oana, Gyongyver Mara, **Beata Abraham**, Lanyi Szabolcs, *Procedeu de tratare a solului cu microorganisme bio/agroinoculante*, Brevet de inventie, Nr. 125670

Oancea Florin, Siciua Oana, Dinu Sorina, Gyorgy Eva, **Beata Abraham**, Lanyi Szabolcs, *Procedeu de izolare a bacteriilor fixatoare de azot in simbioza din nodozitatile plantelor leguminoase*, Brevet de inventie, Nr. 125669

G. Contracte de cercetare (menționați calitatea de director sau membru)

Proiecte de cercetare, granturi	Funcția	Perioada

CEEX/ „Optimizarea moleculara a unei enzime centrale din calea metabolica a conversiei xilozei. Reactor optimizat pentru transformarea enzimatica a xilozei rezultate din deseurile celulozice” OMEXIL Nr. Contract: 1/06.10.2005	Membru	2005-2008
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CEEX/ Diagnoză și predicție inteligentă și activă a construcțiilor cu structura de rezistență în mediul înconjurător complex poluat – DIRECTOR Nr. Contract: 136/02.10.2006	Membru	2006-2009
CEEX/ “Impactul câmpurilor electromagnetice de natură antropică asupra ecosistemelor – ICEMECOS” Nr. Contract: X2C37/04.10.2006	Membru	2006-2009
CEEX/ Cercetari teoretice si experimentale asupra sistemelor expert de exploatare optima a proceselor tehnologice de epurare a apelor uzate din statiile de epurare orasenesti si industriale – SCAPEAU Nr. Contract: 147/2006	Membru	2006-2009
CEEX/ “Cercetari privind creșterea siguranței alimentare prin utilizarea unor procese neconvenționale de tratare termică a unor produse alimentare lichide”- SIGMA Nr. Contract: 40/01.08.2006	Membru	2006-2009
Programul 4 PNCDI2/ Interactiibio / non-bio implicate în design-ul tesuturilor tari – INTESTA Nr. Contract: 41-059/14.09.2007	Membru	2007-2010
Programul 4 PNCDI2/ Sistem Informatic Integrat, Bazat Pe Inteligenta Artificiala, Pentru Examinarea Cererilor De Brevet De Inventie – EXAMBREV Nr. Contract: 11-076/18.09.2007	Membru	2007-2010
Programul 4 PNCDI2/Cercetari interdisciplinare privind valorificarea energetica a subproduselor din industria laptelui VESPIL Nr. Contract: 31-096/2007	Responsabil de proiect	2007-2010

Programul 5 INOVARE/ Tehnologie Si Echipament Pentru Pasteurizarea Laptelui Si A Smantanii In Camp De Microunde – MICROPAST <i>Nr. Contract: 88/25.09.2007</i>	Responsabil de proiect	2007-2010
Programul 5 INOVARE/ Tehnologii Inovative De Fabricare A Produselor Lactate Functionale In Conditii De Siguranta Alimentara – INOVATEC <i>Nr. Contract: 89/25.09.2007</i>	Responsabil de proiect	2007-2010
Programul 5 INOVARE/ Cresterea Competitivitatii Produselor Lactate Simbiotice Fabricate La SC Lactis SRL- Odorheiu Secuiesc Prin Imbunatatirea Calitatii Laptelui Materie Prima Si Optimizarea Si Dezvoltarea Activitatii De Marketing – SINBIOMARK <i>Nr. Contract: 98/28.09.2007</i>	Responsabil de proiect	2007-2010
Programul 5 INOVARE/ Aplicarea Tehnologiilor De Preepurare A Apelor Uzate In Reteaua De Canalizare – ATARC <i>Nr. Contract: 25/24.09.2007</i>	Responsabil de proiect	2007-2010
Programul 5 INOVARE/ Conceperea, Realizarea Si Experimentarea Unui Sistem Performant De Transfer A Oxigenului In Reactoare Biologice Aerate – TEOFIT <i>Nr. Contract: 21/21.09.2007</i>	Responsabil de proiect	2007-2010
Programul 5 INOVARE/ Sistem Informatic De Monitorizare Si Control A Statiilor De Epurare A Apelor Uzate Prin Utilizarea Sistemelor Distribuite Multi-Agent Si A Unor Algoritmi Avansati De Reglare Automata – AICSYS <i>Nr. Contract: 30/24.09.2007</i>	Responsabil de proiect	2007-2010
Programul 4 PNCDI2/Sistem Bioinformatic Bazat pe Inteligența Artificială pentru Monitorizarea Sistemului Imunitar în Corelație cu Procesele Metabolice din Organismul Uman –MONIMUN <i>Nr. Contract: 62-073/01.10.2008</i>	Membru	2008-2011
Programul 4 PNCDI2/ Reproiectarea Specificității Enzimatică prin Evoluție Dirijată. Elaborarea unei Serin-Proteaze Specifice pentru Clivarea C-terminală a Fosfotirozinei. PHOSPHOTYRASE <i>Nr. Contract: 61-027/14.09.2007</i>	Membru	2007-2010

Programul 4 PNCDI2/ Inoculanti Microbieni Pentru Sisteme De Agricultura Durabila – MIMOSA <i>Nr. Contract: 31-048/14.09.2007</i>	Membru	2007-2010
Programul 4 PNCDI2/ Procedeu de obtinere de bioetanol din deseuri Agroalimentare Tratate cu Enzime Termostabile Recombinate, Obținute prin Expresie Heterologa Extracelulara – Bio-DesEnEx <i>Nr. Contract: 62-090/01.10.2008</i>	Director de proiect	2008-2011
Programul 4 PNCDI2/ Elucidarea mecanismului de Reglare Fină a Răspunsului Imun în Patologia Neoplazică și Inflamatorie Umană în vederea Elaborării unor Terapii Inovative – ERIC <i>Nr. Contract: 42-147/01.10.2008</i>	Membru	2008-2011
Programul Operational Sectorial Axa 2.1.1/ Bio-preparate microbiene pentru cresterea productivitatii si protectia culturilor agricole- BIOPREP <i>Nr. Contract: 169/16.06.2010</i>	Membru	2010-2012
Programul PNCDI2/ Synthesis of some C4, C5 carboxylic acid building block chemicals from renewable biomass resources-BIOBUILD <i>Nr. Contract: 31/2012</i>	Responsabil de proiect	2012-2015
Programul Operational Sectorial Axa 2.1.1./Bio-preparate microbiene pentru creșterea calitatii furajelor insilozate-SILOPREP <i>Nr. Contract 565/09.09.2013</i>	Director de proiect	2013-2015

III. RECUNOAȘTEREA

J. Citări

1. Laslo, É., György, É., Mara, Gy., Tamás, É., **Ábrahám, B.**, Lányi, Sz.: *Screening of plant growth promoting rhizobacteria as potential microbial inoculants*, Crop Protection 40, p.43-48, ISSN: 0261-2194, **2012**, (IF:1.402, SRI:1.39; EF: 0.008022; AI: 0.46)

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10. octombrie. 2025.

Semnătura,

Lista de lucrări

Numele și prenumele: Bálint Emese-Éva

A. Teza de doctorat.

Reproiectarea proteinelor, un instrument nou în biotehnologia viitorului, conducător de doctorat: prof. dr. ing. Lányi Szabolcs, Universitatea Politehnica, București, 2012, calificativul: foarte bine.

B. Cărți (manuale, monografii, tratate, îndrumare etc) publicate în țară, la edituri recunoscute CNCSIS

1. **Bálint Emese Éva**, Csató-Kovács Erika, Miklóssy Ildikó: Tehnici moleculare. Îndrumar de laborator, Editura T3, Sfântu Gheorghe, 2022, ISBN 978-606-95430-2-63
2. Blândul, V., Bradea, A., Alexandrescu, C., Blândui, F., Molnar, K., Chereji, D., Filip, L., Meleg, M., **Balint, E. E.** Capitolul 2, Metode didactice activ-participative utilizate în predarea și învățarea biologiei: observarea independentă, experimentul de laborator, învățarea prin descoperire, modelarea, problematizarea, jocul de rol, studiul de caz. In. Marinescu, M. (coord.) Fundamentări teoretice și praxiologice în predarea științelor biologice, Ed. Paraleal, Pitesti, 2021, ISBN: 978-973-47-3346-0.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Erika Csató-Kovács, Pál Salamon, Szilvia Fikó-László, Krisztina Kovács, Alice Koka, Mónika András-Korodi, Emőke Antal, Emília Brumă, Brigitta Törsők, Szilárd Gudor, Ildikó Miklóssy, Kálmán Csongor Orbán, Csilla Albert, Emese Éva Bálint, Beáta Albert, Development of a Mammalian Cell Line for Stable Production of Anti-PD-1. *Antibodies* 2024, 13(4), 82; <https://doi.org/10.3390/antib13040082>, IF 2,7
2. P. Salamon, C. K. Orbán, K. Molnár-Nagy, Z. Kovács, K. Váncsa, E. Bálint, I. Miklóssy, B. Albert, G. Tar, S. Lányi, Study of native SMAC protein production in the pUBIQ expression system: molecular cloning, biosynthesis and molecular modelling. *Electronic Journal of Biotechnology*, Vol. 56, 2022, Pages 39-46, ISSN 0717-3458, IF 2,8
3. Szabó (Pálfi) Mária, Bálint Emese-Éva, Szilágyi László, Ábrahám Beáta, Lányi Szabolcs: Comparative study of green fluorescent protein mutants, *Studia Universitatis Babes-Bolyai Chemia*, ISSN 1224-7154, LIX, 1, 2014 (p. 135-147), IF: 0.089
4. Emese-Éva Bálint, Judit Petres, Mária Szabó, Csongor-Kálmán Orbán, László Szilágyi, Beáta Ábrahám, Fluorescence of a histidine-modified Enhanced Green

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5. Bálint, E., Miklóssy, I., Ábrahám, B., Szilágyi, L., Lányi, Sz., Heterologous expression of Granzyme H in *Escherichia coli*. *Studia Universitatis Babes-Bolyai Chemia*, ISSN 1224-7154, 2010 (Special Issue): p. 5-9., IF: 0.231

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

1. Judit Petres, **Emese-Éva Bálint**, Mária Szabó, László Szilágyi, Beáta Ábrahám. Improvements in quality of histidines-modified Enhanced Green Fluorescent Protein that binds Copper ions with nanomolar affinity, *UPB Scientific Bulletin Series B: Chemistry and Materials Science*, ISSN 1454-2331, 2014. **76**(3). p. 43-55.
2. **Bálint, E.**, Szilágyi, L., Miklóssy, I., Lányi, Sz., Ábrahám, B., Design of secretion vector constructs for Granzyme H expression. *UPB Scientific Bulletin Series B: Chemistry and Materials Science*, ISSN 1454-2331, 2012. **74**(1).
3. **Bálint, E.**, Keresztes, E., Funkenhauzer, B., Demeter, E., Lányi, Sz. Efectul ionilor de cupru asupra proteinei fluorescente verzi modificate (Hun: A réz ionok hatása a módosított Zöld Fluoreszcens Fehérjére), *Technical Review*, ISSN 1454-0746, 2012, **59**, p.4-11.

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

1. **Bálint Emese-Éva**. Interviu despre educație ecologică. Experiență și învățare. Educație ecologică în regiunea Ținutul Secuiesc (Hun: ÉLMÉNY ÉS TANULÁS Természettudományos nevelés a székelyföldi térségben), ISBN 978-606-661-011-7, Editura Státus, 2014, p79-84
2. **Bálint, E.É.**, Csató-Kovács, E., Laslo, É., "School of ants"- a successful ecological education program in Harghita county. Human Education today for the world of tomorrow. Publisher Pro Universitaria 2015, 12: 119-123.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. Kovács, Z., **Bálint, E.**, László, S., Albert, B., Tar, Gy., András, A., Salamon, P., The effect of SarsCov2 virus on the activity of the panoptosis pathway in upper respiratory epithelial cells: correlations between expression patterns, age, gender and comorbidities” *21st International Symposium and Summer School on Bioanalysis* Universitatea de Medicină, Farmacie, Științe și Tehnologie “Gheorghe Emil Palade”

din Târgu Mureș, România, 10-15 iulie, 2023, Acta Marisiensis, Seria Medica, Book of Abstracts, vol. 69, supplement 5, 2023, p. 35., ISSN: 2668-7755

2. Szidónia Gábor, **Emese-Éva Bálint**, Ferenc Kilar, The effect of naphthyl acetic acid quantity on hazelnut callus induction, 29th International Conference on Chemistry, Târgu Mureș, Book of Abstracts, ISSN 2734-7109,

F. Invenții

1. CORAX-BIONER CEU S.A., ABRAHAM BEATA, LANYI SZABOLCS, MARA GYONGYVER, MATHE ISTVAN, KOVACS ERIKA, LASLO EVA, ORBAN KALMAN CSONGOR, **BALINT EMESE**, BODOR ZSOLT, MESZAROS ALEXANDRU, TANCZOS SZIDONIA, FEJER KIRALY GERGELY, KONCY MIHALY, MATHE LORAND, DOBRI EMOKE, BECZE ANNAMARIAL: ***PROCEDU DE IZOLARE ȘI CARACTERIZARE A TULPINII BACTERIENE BACILLUS SP. SZE 102A CU ROL ÎN PROMOVAREA PROCESULUI DE ÎNSILOZARE A PLANTELOR FURAJERE***
2. CORAX- BIONER CEU S.A., ABRAHAM BEATA, LANYI SZABOLCS, MARA GYONGYVER, KOVACS ERIKA, ORBAN KALMAN CSONGOR, LASLO EVA, **BALINT EMESE**, BODOR ZSOLT, MESZAROS ALEXANDRU, KADAR ATTILA, SINKLER REKA, TORO SZABOLCS, FUNKENHAUSER BERNADETT, BECZE ANNAMARIA: ***PROCEDU DE IZOLARE ȘI CARACTERIZARE A TULPINII BACTERIENE BACILLUS SP. SZX102 CU ROL ÎN PROMOVAREA PROCESULUI DE ÎNSILOZARE A PLANTELOR FURAJERE***
3. CORAX-BIONER CEU S.A., ABRAHAM BEATA, LANYI SZABOLCS, MARA GYONGYVER, KOVACS ERIKA, **BALINT EMESE**, MESZAROS ALEXANDRU, KADAR ATTILA, SINKLER REKA, TORO SZABOLCS, MATHE LORAND, FUNKENHAUSER BERNADETT, DOBRI EMOKE, BECZE ANNAMARIAL: ***BIO- PREPARAT MICROBIAN CU EFECT CONSERVANT ASUPRA PLANTELOR FURAJERE, COMPUS DIN LACTOBACILLUS BREVIS***

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. Programul 4 PNCDI2/ Procedu de obtinere de bioetanol din deseuri Agroalimentare Tratatate cu Enzime Termostabile Recombinate, Obținute prin Expresie Heterologa Extracelulara – BioDesEnEx, Nr. Contract: 62-090/01.10.2008 (2008-2011), membru
2. Biopreparate microbiene pentru creșterea productivității și protecția culturilor agricole /BIOPREP, POS - Operațiunea 2.1.1: Proiecte de CD în parteneriat între universități/institute de cercetare și întreprinderi, CF: 169/16.06.2010, 2010-2012. Membru (valoare totală: 4.616.496 RON)
3. Biopreparate microbiene pentru creșterea calității furajelor însilozate - SILOPREP, POS - Operațiunea 2.1.1: Proiecte de CD în parteneriat între universități/institute de

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4. Managementul complex al resturilor vegetale în sistemele de agricultură conservativă (CERES). Finanțat de UEFISCDI: PNIIPT-PCCA-2013-4-0846, 2013-2015. Membru (total value: 2.931.255)
5. Investigarea complexă a treizeci de izvoare populare de apă minerală din Ținutul Secuiesc, (Harminc közkedvelt Székelyföldi ásványvízforrás komplex vizsgálat), Institutul Programelor de cercetare, Universitatea Sapientia, Nr. de înreg. IPC: 21/3/12.06.2019, Nr. de înreg. Univ. Sapientia: 298/3/12.06.2019, Durata 2019-2020, 48000 RON, membru
6. Innovative Digital Development of Health Pedagogics (INDEHEP), Universitatea Sapientia, Nr. Proiect: 2021-1-HU01-KA220-HED000029460, ID: KA220-HED-3C87E0BD, 2021-2021, total value 300638 EURO, din care pentru Univ. Sapientia 66778 EURO, responsabil proiect
7. Dezvoltarea unei tehnologii de producție de anticorpi monoclonali la sediul firmei SC CORAX-BIONER CEU SA., POC/163/1/3, Nr. Contract 398/390074/09.11.2021, perioada 2021-2023, membru

K. Participări la conferințe științifice

1. **E. Bálint**, Sz. Nagy, Gy. Mara: Biomarkers and methods on analyzing the effect of priming on culture plants, *23rd International Symposium and Summer School on Bioanalysis*, University of Zagreb Faculty of Science, Zagreb, July 6-15, 2025
2. **E. Bálint**, P. Salamon, Sz. Gudor, Sz. Fikó, R. Fejér, Cs. K. Orbán, E. Antal, M. Korodi, E. Kovács, Cs. Albert, I. Miklóssy, F. Kilár, Sz. Lányi, B. Albert, The process of designing a biosimilar antibody, *22nd International Symposium and Summer School on Bioanalysis*, Charles University, Faculty of Science, Prague, 8-12 July, 2024
3. Szidónia Gábor, **Emese-Éva Bálint**, Ferenc Kilár, The effect of naphthyl acetic acid quantity on hazelnut callus induction, *29th International Conference on Chemistry*, Târgu Mureș, 25-28 octombrie, 2023
4. Kovács, Z., **Bálint, E.**, László, S., Albert, B., Tar, Gy., András, A., Salamon, P., The effect of SarsCov2 virus on the activity of the panoptosis pathway in upper respiratory epithelial cells: correlations between expression patterns, age, gender and comorbidities” *21st International Symposium and Summer School on Bioanalysis* Universitatea de Medicină, Farmacie, Științe și Tehnologie “Gheorghe Emil Palade” din Târgu Mureș, România, 10-15 iulie, 2023
5. **Emese-Éva Bálint**, Csilla Albert, Emilia Bruma, Csongor Orbán, Beáta Albert, Study of the glycosylation profile of a nivolumab biosimilar with CE- LIF, *21st International Symposium and Summer School on Bioanalysis* Universitatea de Medicină, Farmacie, Științe și Tehnologie “Gheorghe Emil Palade” din Târgu Mureș, România, 10-15 iulie, 2023

6. Mara Gyöngyvér, **Bálint Emese-Éva**: Rolul universității în educația științifică a elevilor din învățământul primar și secundar: concursul studentesc Laborkukac (Az egyetem szerepe az általános- és középiskolás diákok természettudományos nevelésében: a Laborkukac diákvetélkedő), *Conferința "Provocări ale predării în învățământul cu predare în limba maghiară"*, Universitatea Sapientia, DSPP, Târgu Mureș, 12 iunie, 2023
7. **Emese-Éva Bálint**, Mara Gyöngyvér: 'Labworm'- student competition. Summary of ten years (poster presentation) at *10th International Symposium and Conference on Creative Education Technologies 2023*, 19-22 Aprilie, 2023, University of Jyväskylä
8. **Emese-Éva Bálint**, Pál Salamon, Szilvia László, Gellért Tompos, General aspects on Sars Cov2 detection. A two- year-testing summary. *20th International Symposium and Summer School on Bioanalysis*, Pécs, Ungaria, 14-20 iunie, 2022
9. **Emese-Éva Bálint**, Dezvoltarea talentelor în formarea profesională, *Dezvoltare de formare profesională maghiară din Transilvania. Probleme curente în VET*, Târgu Secuiesc, 4-5 octombrie, 2019,
10. **Emese-Éva Bálint**, Beáta Ábrahám, Szabolcs Lányi, Designing a biosensor by site-directed mutagenesis, *14th International Symposium and Summer School on Bioanalysis*, Smolenice, Slovakia, 30 iunie-6 iulie, 2014
11. **Emese-Éva Bálint**, Judit Petres, László Szilágyi, Beáta Ábrahám, Szabolcs Lányi, Effect of different metal binding regions on the Enhanced Green Fluorescent Protein. *18th International Conference on Chemistry*, Băile Felix, 22-25 noiembrie, 2012.
12. **Emese-Éva Bálint**, Judit Petres, Beáta Ábrahám, Szabolcs Lányi, Effect of metal ions on different mutants of Enhanced Green Fluorescent Protein. *7th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries-EMCC7*, April 27-May 1, Corfu, Greece, 27 aprilie-1 mai, 2012.
13. **Emese-Éva Bálint**, László Szilágyi, Ildikó Miklóssy, Beáta Ábrahám, Szabolcs Lányi. Obtention of the C166A Granzyme H mutant for refolding optimiyation. *17th International Conference on Chemistry*, Cluj-Napoca, 03-06 noiembrie, 2011.
14. **Emese-Éva Bálint**, László Szilágyi, Ildikó Miklóssy, Beáta Ábrahám, Szabolcs Lányi. Design of secretion vector constructs for Granzyme H expression. *17th Romanian International Conference on Chemistry and Chemical Engineering-RICCCE XVII*, , Sinaia, 7-10 septembrie, 2011
15. **Bálint, E.**, Miklóssy I., Bogdán Á., Szilágyi L., Ábrahám B., Lányi Sz.: Expresia heterologă a Granzime H, *Conferința Zilele Științei*, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010
16. Miklóssy, I., Szilágyi, L., **Bálint, E.**, Ábrahám, B., Lányi, Sz.: Expression of stemzyme IDP-β in eucariotic system, *Conferința Zilele Științei*, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010
17. Pál A., Sinkler R., Both E., **Bálint E.**, Petres J., Orbán Cs., Ábrahám B., Lányi Sz.: Comparing the production of pullulanase in different expression systems, *Conferința Zilele Științei*, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010
18. Kovács, E., Pálfi, M., **Bálint, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz.: Comparing the human GITRL ligand in different expressio systems, *Conferința Zilele Științei*, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010

19. Pálfi, M., Kovács, E., Miklóssy, I., **Bálint, E.**, Szilágyi, L., Ábrahám, B., Lányi, Sz.: Modified GFP can serve as a receptor and as a reporter molecule in the same time? *Conferința Zilele Științei*, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010
20. **Bálint Emese-É.**, Miklóssy I., Szilágyi L., Ábrahám B., Lányi Sz., Heterologous expression of Granzyme H in *Escherichia coli*, *16th International Conference of Chemistry*, Cluj Napoca, 11-14 november, 2010.
21. **Bálint Emese-É.**, Ábrahám B., Miklóssy I., Orbán Kálmán Cs., Bodor Zs., Lányi Sz., Heterologous expression of pullulanase in *Escherichia coli* (Expresia heterologă a pullulanazei în *Escherichia coli*), *15th International Conference of Chemistry*, Târgu Mureș, 12-15 november, 2009
22. Bodor Zs., Kovács E., Miklóssy I., Ábrahám B., **Bálint Emese-É.**, Orbán Kálmán Cs., Tamás É., Szilveszter Sz., Lányi Sz., Heterologous expression of alpha-amylase in *Pichia pastoris*, *15th International Conference of Chemistry*, Târgu Mureș, 12-15 november, 2009
23. Orbán Kálmán Cs., Ábrahám B., Miklóssy I., Szilveszter Sz., **Bálint Emese-É.**, Bodor Zs., Lányi Sz., *In silico* studies on structure-function correlations in a group of serin-proteinases, *15th International Conference of Chemistry*, Târgu Mureș, 12-15 november, 2009
24. Ábrahám, B., Miklóssy, I., **Bálint, É.E.**, Harai, É., Orbán, Cs., Lányi, Sz., *Conservation implications for endemic and endangered species based on genetic analysis*, The XVIII International Annual Symposium on Deltas and Wetlands organized by the Danube Delta National Institute for Research and Development, Tulcea, 24-25 september, 2009.

III. RECUNOAȘTEREA

I. Premii, distincții.

Premiul I-Tineri Cercetători, 2012, Consiliul Județean Harghita

J. Citări

Citări Google Scholar

Citări: 27

h-index=1

K. Alte activități

1. Membru proiect SPARKS, Regândim inovarea împreună. Partener din partea Universității Sapientia (Labworm ScienceShop, Sapientia University) în programul Horizon2020, Număr grant: 665825.
2. Membru proiect Program Național Talente (Nemzeti Tehetség Program) NTP-ITR-M-MPA-12-004, Guvernul Ungariei, 2013.
3. 24. Concurs pentru talente în domeniul științei și inovării pentru tineret, mentorat, premiul Mențiune, Ungaria, 2015.

Organizarea unor concursuri, evenimente de popularizare ale științelor naturii:

1. Organizator: Concursul *Laborkukac*, din anul 2010-prezent;

2. Organizator: *Ziua porților deschise* în laboratoarele departamentului de Bioinginerie, din anul 2010-prezent;
3. Autor articol, revista de popularizare a științei *Laborkukac*, nr.1/2013.
4. Organizare tabăra *Mentoráltak* pentru elevi talentați în domeniul științelor naturii, 6-9 noiembrie 2013, Băile Bálványos
5. Redactor emisiune săptămânală de popularizare a științei la Radio Retro Miercurea Ciuc denumit *Bufniță*, între 2014-2016.
6. Organizator: CSI Sapiientia în laboratoarele departamentului de Bioinginerie, 2012-prezent.
7. Organizator: *Concursul Vânătoare de comori: Să descoperim comorile Ținutului Secuiesc*, pentru elevi din clasa V-VIII., mai, 2014

26 septembrie 2025

dr. Bálint Emese-Éva

I. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII BODOR ZSOLT

A. Teza de doctorat

“Analiza, modelarea și ingineria in silico a căilor metabolice în Escherichia coli pentru obținerea acidului succinic”

Conducător de doctorat: Prof.dr.ing. Lányi Szabolcs,
Universitatea POLITEHNICA din București,
Facultatea de Chimie Aplicată și Știința Materialelor

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

1. **Zsolt BODOR**, Systems Biology, Constraint-Based Modeling of Metabolic Networks, *In silico* Analysis, Modeling and Engineering of *Escherichia coli* Metabolic Network for Succinic Acid Production, Editura LAP LAMBERT Academic Publishing, Chișinău, 2022, 189 pagini, ISBN: 978-620-4-75024-8.
2. BODOR Katalin, **BODOR Zsolt**, Biostatisztika, Gyakorlati jegyzet mérnök hallgatóknak, (Biostatistică, Îndrumar de laborator pentru studenți la inginerie), Editura Underground, Hédervár, 2022, 118 pagini, ISBN: 978-963-574-267-7.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

1. **BODOR Zsolt**, Biofolyamatok és reaktorok modellezése, Oktatási segédanyag, Feladatgyűjtemény (Modelarea proceselor și bioreactoarelor, Material didactic, Culegeri de probleme), Editura T3, Sfântu Gheorghe, 2022, ISBN: 978-606-95430-3-0, 111 pagini.

B5. Capitole de cărți publicate în străinătate

1. Takács, Péter; **Bodor, Zsolt**; Kristóf, Zsolt, Turizmus informatika: Kommunikáció és gazdasági informatika a turizmusban (Informația turistică: Comunicare și informatică economică în turism) Nyíregyháza, Hungary: *HEAL-ALL Healthy Life Alliance for Health Tourism Education Development and*

Reorganisation, 2020-1-HU01-KA203-078799 Proiect (2023), ISBN: 9789634906001.

2. Péter, Takács; **Zsolt, Bodor**; Zsolt, Kristóf, Tourism Informatics-Communication and Ecological Informatics in Tourism, Nyíregyháza, *Hungary: HEAL-ALL Healthy Life Alliance for Health Tourism Education Development and Reorganisation*, 2020-1-HU01-KA203-078799 Proiect (2023), ISBN: 9789634906018.

B6. Capitole de cărți publicate în țară

1. **Zsolt BODOR**, Izabella LACZKÓ, Éva MOLNOS, Sándor MOLNOS, Abordări interdisciplinare în științele educației, Școala Altfel: Științele Naturii La Ele Acasă, Editura Aureo, Oradea, 2015, 4 pagini, ISBN:978-606-8614-98-4.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

- 1) Balázs, Márta; Péter, Izabella.; Bartos Hunor; **Bodor, Zsolt**; Antal Emőke; Albert Csilla; Miklóssy Ildikó, Organic Acid Production by *Basfia succiniciproducens* from Agro-Industrial By-Products. *BioTech*, 2025, 14, 68. <https://doi.org/10.3390/biotech14030068>.
- 2) Bodor Katalin, Geréd Boglárka, Szép Levente, Simó Levente, Gál Mátyás, **Bodor Zsolt**, Examination of particulate matter concentrations of the outdoor air of Miercurea Ciuc, Romania. *Scientific Reports*, 15, 23229 (2025). <https://doi.org/10.1038/s41598-025-04528-w>.
- 3) Katalin Bodor, Borbála Tamási, Adél Len, Ágnes Keresztesi, Róbert Szép, **Zsolt Bodor**, Investigation of the properties of different potato varieties and analysis of the starch structure, *Applied Food Research*, Volume 5, Issue 1, 2025, ISSN 2772-5022, <https://doi.org/10.1016/j.afres.2025.100998>.
- 4) Katalin Bodor, József Szilágyi, Júlia Incze, Boróka Ungvári, **Zsolt Bodor**, Examination of the physico-chemical parameters of some romanian breads, *Applied Food Research*, Volume 5, Issue 1, 2025, 100744, ISSN 2772-5022, <https://doi.org/10.1016/j.afres.2025.100744>.

- 5) Filomena David, Pál Salamon, **Zsolt Bodor**, Ildiko Miklossy, Csongor Orban, Beata Albert, Relationship between physical condition and academic performance in rural Romanian schoolchildren, *Sportis. Scientific Journal of School Sport, Physical Education and Psychomotricity*, 11(1), 2025, <https://doi.org/10.17979/sportis.2025.11.1.11205>.
- 6) Bodor Katalin, Tamási Borbála, Keresztesi Ágnes, **Bodor Zsolt**, Orbán Kálmán Csongor, Szép Róbert, A comparative analysis of the nutritional composition of several dairy products in the Romanian market. *Heliyon*. 2024 May 22;10(11):e31513. doi: 10.1016/j.heliyon.2024.e31513.
- 7) Bodor Katalin, Szilágyi József, Salamon Bernadett, Szakács Orsolya, **Bodor Zsolt**, Physical–chemical analysis of different types of flours available in the Romanian market. *Scientific Reports*, 14, 881 (2024). <https://doi.org/10.1038/s41598->.
- 8) Katalin Bodor, Róbert Szép, **Zsolt Bodor**, Examination of air pollutants and their risk for human health in urban and suburban environments for two Romanian cities: Brasov and Iasi, *Heliyon*, Volume 9, Issue 11, 2023, e21810, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2023.e21810>.
- 9) Balázs M, Bartos H, Lányi S, **Bodor Z**, Miklóssy I. Substrate type and CO₂ addition significantly influence succinic acid production of *Basfia succiniciproducens*. *Biotechnol Lett*. 2023 Sep;45(9):1133-1145. doi: 10.1007/s10529-023-03406-7.
- 10) Katalin Bodor, Bernadett Tokos, **Zsolt Bodor**, Ágnes Keresztesi, Szilvia László, George Garbacea, Róbert Szép, Hydro-geochemical characterization of the main European mineral water brands, *Journal of Food Composition and Analysis*, Volume 122, 2023, 105438, <https://doi.org/10.1016/j.jfca.2023.105438>.
- 11) Bodor Katalin, Szép Róbert, Keresztesi Ágnes, **Bodor Zsolt**, Temporal evolution of PM_{2.5}, PM₁₀, and total suspended particles (TSP) in the Ciuc basin (Transylvania) with specific microclimate condition from 2010 to 2019. *Environ Monit Assess*. 2023 Jun 2;195(7):798. doi: 10.1007/s10661-023-11407-2.
- 12) Czont Attila, Freyer Tamás, **Bodor Zsolt**, Mara Gyöngyvér, Sandor Josif, Miklossy Ildikó. Position-based anthropometric characteristics and general physiological performance of national level, U18 ice hockey players. *Sportis. Scientific Technical Journal of School Sport, Physical Education and Psychomotricity*, 9(1), 81-97, 2023.
- 13) BODOR Katalin, SZÉP Róbert, **BODOR Zsolt**, Time series analysis of the air pollution around Ploiesti oil refining complex, one of the most polluted regions in Romania. *Scientific Reports*, 12, 11817, 2022.

- 14) Katalin BODOR, Róbert SZÉP, **Zsolt BODOR**, The human health risk assessment of particulate air pollution (PM_{2.5} and PM₁₀) in Romania, *Toxicology Reports*, 9, 2022, 556-562.
- 15) Réka BOGA, Ágnes KERESZTESI, **Zsolt BODOR**, Szende TONK, Róbert SZÉP, Miruna Mihaela MICHEU, Source identification and exposure assessment to PM₁₀ in the Eastern Carpathians, Romania, *Journal of Atmospheric Chemistry*, 78, 2021, 77-97.
- 16) Réka BOGA, Ágnes KERESZTESI, **Zsolt BODOR**, Ildikó MIKLÓSSY, Ion-Andrei NITA, Marius-Victor BIRSAN, Miruna Mihaela MICHEU, Róbert SZÉP, Influence of rising temperature and solar radiation on the tropospheric ozone in the Ciuc Basin, ROMANIA, *Romania Journal of Physics*, 66(3), 2021.
- 17) Katalin BODOR, **Zsolt BODOR**, Alexandru SZÉP, Róbert SZÉP, Classification and hierarchical cluster analysis of principal Romanian bottled mineral waters, *Journal of Food Composition and Analysis*, 100, 2021, 103903.
- 18) Katalin BODOR, **Zsolt BODOR**, Alexandru SZÉP, Róbert SZÉP, Human health impact assessment and temporal distribution of trace elements in Copșa Mică-Romania, *Scientific Reports*, 11:7049, 2021.
- 19) Katalin BODOR, **Zsolt BODOR**, Róbert SZÉP, Spatial distribution of trace elements (As, Cd, Ni, Pb) from PM₁₀ aerosols and human health impact assessment in an Eastern European country, Romania, *Environ Monit Assess*, 193(4):176, 2021.
- 20) Katalin BODOR, Miruna Mihaela MICHEU, Ágnes KERESZTESI, Marius-Victor BIRSAN, Ion-Andrei NITA, **Zsolt BODOR**, Sándor PETRES, Attila KORODI, Róbert SZÉP, Effects of PM₁₀ and Weather on Respiratory and Cardiovascular Diseases in the Ciuc Basin (Romanian Carpathians), *Atmosphere*, 12, 289, 2021.
- 21) Ágnes KERESZTESI, Ion-Andrei NIȚĂ, Réka BOGA, Marius-Victor BÎRSAN, **Zsolt BODOR**, Róbert SZÉP, Spatial and long-term analysis of rainwater chemistry over the conterminous United States, *Environmental Research*, 188, 2020, 109872.
- 22) **Zsolt BODOR**, Katalin BODOR, Ágnes KERESZTESI, Róbert SZÉP, Major air pollutants seasonal variation analysis and long-range transport of PM₁₀ in an urban environment with specific climate condition in Transylvania (Romania), *Environmental Science and Pollution Research*, 27, 2020, 38181–38199.
- 23) **Zsolt BODOR**, Andrea (Iuhász) FAZAKAS, Katalin BODOR, Erika KOVÁCS, Ildikó MIKLÓSSY, Beáta ALBERT, Using genome-scale model to predict the metabolic engineering impact on *Escherichia coli* metabolism during succinic acid

production optimization, *Romanian Biotechnological Letters*, 25 (3), 2020, 1666-1676.

- 24) Ágnes KERESZTESI, Ion-Andrei NIȚĂ, Marius-Victor BÎRSAN, **Zsolt BODOR**, Róbert SZÉP, The risk of cross-border pollution and the influence of regional climate on the rainwater chemistry in the Southern Carpathians, Romania, *Environmental Science and Pollution Research*, 27, 2020, 9382–9402.
- 25) Ágnes KERESZTESI, Ion-Andrei NIȚĂ, Marius-Victor BÎRSAN, **Zsolt BODOR**, Tímea PERNYESZI, Róbert SZÉP, Assessing the variations in the chemical composition of rainwater and air masses using the zonal and meridional index, *Atmospheric Research*, 237, 2020, 104846.
- 26) Ágnes KERESZTESI, Marius-Victor BÎRSAN, Ion-Andrei NIȚĂ, **Zsolt BODOR**, Róbert SZÉP, Assessing the neutralization, wet deposition and source contributions of the precipitation chemistry over Europe during 2000-2017, *Environmental Sciences Europe*, 31:50, 2019.
- 27) Róbert SZÉP, **Zsolt BODOR**, Ildikó MIKLÓSSY, Ion-Andrei NIȚĂ, Oana A. OPREA, Ágnes KERESZTESI, Influence of peat fires on the rainwater chemistry in intra-mountain basins with specific atmospheric circulations (Eastern Carpathians, Romania), *Science of the Total Environment*, 647, 2019, 275-289.
- 28) **Zsolt BODOR**, Lehel TOMPOS, Aurelia Cristina NECHIFOR, Katalin BODOR, *In silico* analysis of 1,4-butanediol heterologous pathway impact on *Escherichia coli* metabolism, *Revista de Chimie*, 70, 10, 2019, 3448-3455.
- 29) Ágnes KERESZTESI, Réka BOGA, **Zsolt BODOR**, Katalin BODOR, Szende TONK, György DEÁK, Ion-Andrei NITA, The analysis of the chemical composition of precipitation during the driest year from the last decade, *Present Environment and Sustainable Development*, 13, 1, 2019.
- 30) Réka BOGA, **Zsolt BODOR**, Katalin BODOR, Szende TONK, György DEÁK, Tímea PERNYESZI, Ion-Andrei NITA, The influence of evapotranspiration and wet deposition on the variations of PM₁₀ concentration in the Ciuc basin, *Present Environment and Sustainable Development*, 13, 1, 2019.
- 31) **Zsolt BODOR**, Szabolcs LÁNYI, Beáta ALBERT, Katalin BODOR, Aurelia Cristina NECHIFOR, Ildikó MIKLÓSSY, Model driven analysis of the biosynthesis of 1,4-butanediol from renewable feedstocks in *Escherichia coli*, *Revista de Chimie*, 70, 11, 2019, 3808-3817.

- 32) Róbert SZÉP, Elena MATEESCU, Ion-Andrei NIȚĂ, Marius-Victor BÎRSAN, **Zsolt BODOR**, Ágnes KERESZTESI, Effects of the Eastern Carpathians on atmospheric circulations and precipitation chemistry from 2006 to 2016 at four monitoring stations (Eastern Carpathians, Romania), *Atmospheric Research*, 214, 311-328, 2018, 311-328.
- 33) BOTH Emese, **BODOR Zsolt**, ALBERT Beáta, Effect of microencapsulation on viability and survival in simulated gut conditions of probiotic bacteria, *Romanian Biotechnological Letters*, 23, 6, 2018.
- 34) Ildikó MIKLÓSSY, **Zsolt BODOR**, Réka SINKLER, Kálmán Csongor ORBÁN, Szabolcs LÁNYI, Beáta ALBERT, *In silico* and *in vivo* stability analysis of a heterologous biosynthetic pathway for 1,4-butanediol production in metabolically engineered *E. coli*, *Journal of Biomolecular Structure and Dynamics*, 35(9), 2017, 1874-1889.
- 35) Andrea (Iuhasz) FAZAKAS, Erika KOVÁCS, **Zsolt BODOR**, Szabolcs LÁNYI, Beáta ÁBRAHÁM, Production of chemicals with genetically modified *Escherichia coli* strains from renewable resources, *Studia Universitatis Babeş-Bolyai Seria Chimia*, LXI, 2, 2016, 35-46.
- 36) **Zsolt BODOR**, Andrea (Iuhasz) FAZAKAS, Erika KOVÁCS, Szabolcs LÁNYI, Beáta ALBERT, Systems biology and metabolic engineering for obtaining *E. coli* mutants capable to produce succinate from renewable resources, *Romanian Biotechnological Letters*, 19, 4, 2014, 9625-9636.
- 37) **Zsolt BODOR**, Andrea (Iuhasz) FAZAKAS, Erika KOVÁCS, Szabolcs LÁNYI, Beáta ÁBRAHÁM, Biotechnological production of succinic acid from glycerol; the role of co-substrates, *Studia Universitatis Babeş-Bolyai Seria Chimia*, LIX, 2, 2014, 33-50.
- 38) Andrea (Iuhasz) FAZAKAS, **Zsolt BODOR**, Erika KOVÁCS, Éva LASLO, Szabolcs LÁNYI, Beáta ÁBRAHÁM, Isolation of succinic acid-producing *Escherichia coli* from animal faeces, *Studia Universitatis Babeş-Bolyai Seria Chimia*, 59, Iss. 1, 2014, 177-185.
- 39) **Zsolt BODOR**, Csongor Kálmán ORBÁN, Ildikó MIKLÓSSY, Katalin JUHÁSZ, Beáta ÁBRAHÁM, Szabolcs LÁNYI, Heterologous expression of *Bacillus licheniformis* α -amylase in *Pichia pastoris*, *Studia Universitatis Babeş-Bolyai Seria Chimia*, LIV, Sp Iss., 2010, 9-23.

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale

- 1) Bodor Katalin, Szilágyi József, Szakács Orsolya, Salamon Bernadett, **Bodor Zsolt**, Classification of different types of flours available in the Romanian market based on the nutrition content" *Acta Universitatis Sapientiae, Alimentaria*, vol.16, no.1, 2023, pp.18-31. <https://doi.org/10.2478/ausal-2023-0002>. ((AGRICOLA (National Agricultural Library), Baidu Scholar, CABI (over 50 subsections), CNKI Scholar (China National Knowledge Infrastructure), CNPIEC, DOAJ (Directory of Open Access Journals), EBSCO (relevant databases), EBSCO Discovery Service, Genamics JournalSeek, Google Scholar, Japan Science and Technology Agency (JST), J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Microsoft Academic, Naviga (Softweco), Publons, Primo Central (ExLibris), ReadCube, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)).
- 2) Katalin BODOR, **Zsolt BODOR**, Robert SZÉP, The Trend of Trace Elements (Cd, Ni, Pb) from PM_{2.5} and PM₁₀ Aerosols and its Effect on Human Health in Bucharest, Romania, *Revista de Chimie*, 71 (3), 2020, 433-439. (Chemical Abstracts, Current Contents, Analytical Abstracts, European Virtual Institute for Speciation Analysis (EVISA), LetPub, Boston, SCImago Journal & Country Rank, CAS - division of the American Chemical Society, Scope Database, WORLD CATALOG, Electronic Journals Library, Ghent University Library, International Committee of Medical Journal Editors (ICMJE), World Catalogue of Scientific Journals)
- 3) Katalin BODOR, **Zsolt BODOR**, Ágnes KERESZTESI, Róbert SZÉP, PM₁₀ concentration reduction due to the wet scavenging in the Ciuc Basin, Romania, *Acta Univ. Sapientiae, Agriculture and Environment*, 12, 2020, 1-8. ((AGRICOLA (National Agricultural Library), Baidu Scholar, CABI (over 50 subsections), CNKI Scholar (China National Knowledge Infrastructure), CNPIEC, DOAJ (Directory of Open Access Journals), EBSCO (relevant databases), EBSCO Discovery Service, Genamics JournalSeek, Google Scholar, Japan Science and Technology Agency (JST), J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Microsoft Academic, Naviga (Softweco), Publons, Primo Central (ExLibris), ReadCube, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)).
- 4) Katalin BODOR, **Zsolt BODOR**, Róbert SZÉP, Alexandru SZÉP, Characterization of some bottled Romanian mineral waters on the basis of the total mineral content, *Acta Univ. Sapientiae, Alimentaria*, 13, 2020, 85-98. ((AGRICOLA (National Agricultural Library), Baidu Scholar, CABI (over 50 subsections), CNKI Scholar (China National Knowledge Infrastructure), CNPIEC, DOAJ (Directory of Open Access Journals), EBSCO (relevant databases), EBSCO Discovery Service, Genamics JournalSeek, Google Scholar, Japan Science and

Technology Agency (JST), J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Microsoft Academic, Naviga (Softweco), Publons, Primo Central (ExLibris), ReadCube, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)).

- 5) **Zsolt BODOR**, Andrea (Iuhasz) FAZAKAS, Szabolcs LÁNYI, Beáta ÁBRAHÁM, *In silico* modelling and metabolic engineering of *Escherichia coli* to succinic acid production, *U.P.B. Sci. Bull., Series B*, Vol. 76, Iss. 4, 2014, 59-70. (ISI THOMSON REUTERS, ULRICHTS INTERNATIONAL PERIODICALS DIRECTORY, INSPEC, SCOPUS, CAMBRIDGE SCIENTIFIC ABSTRACTS, CHEMICAL ABSTRACTS SERVICE - DIVISION OF AMERICAN CHEMICAL SOCIETY, ELSEVIER SCIENCESeS BIBLIOGRAPHIC DATABASES, METALS ABSTRACTS, ENGINEERING VILLAGE, PUBLICATION IN ENGINEERING, METADEX, COMPENDEX).
- 6) FAZAKAS (IUHASZ) Andrea, **BODOR Zsolt**, KOVÁCS Erika, LÁNYI Szabolcs, ÁBRAHÁM Beáta, Gene knockout using λ -Red recombination system in *Escherichia coli*, *Technical Review (Műszaki Szemle)*, nr. 63, 2014, 10-15.
- 7) Emese BOTH, László GYENGE, **Zsolt BODOR**, Éva GYÖRGY, Beáta ÁBRAHÁM, Szabolcs LÁNYI, Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer, *U.P.B. Sci. Bull., Series B*, Vol. 74, Iss. 1, 2012, 27-32. (ISI THOMSON REUTERS, ULRICHTS INTERNATIONAL PERIODICALS DIRECTORY, INSPEC, SCOPUS, CAMBRIDGE SCIENTIFIC ABSTRACTS, CHEMICAL ABSTRACTS SERVICE - DIVISION OF AMERICAN CHEMICAL SOCIETY, ELSEVIER SCIENCESeS BIBLIOGRAPHIC DATABASES, METALS ABSTRACTS, ENGINEERING VILLAGE, PUBLICATION IN ENGINEERING, METADEX, COMPENDEX).

C3. Lucrări științifice publicate în reviste din țară, recunoscută CNCSIS

1. MOLNOS Éva, LACZKÓ Izabella, **BODOR Zsolt**, The results of a questionnaire on the guidelines, directions and strategies in modern teaching, *Human Education Today For Tomorrow's World*, ISSN:1843-9985, în curs de publicare, 2015.
2. **Zsolt BODOR**, Izabella LACZKÓ, Éva MOLNOS, Sándor MOLNOS, Biology and chemistry courses in the "Other type of school week", *Human Education Today For Tomorrow's world*, ISSN:1843-9985, nr. 11, pp. 26-30, 2014.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. Deák György, Abdalhusein Jawdhari, Elena Holban, Isabela Sadica, George Cucu,

Sorin Stegărescu, Grigore Gheorghe, **Bodor Zsolt**, Comparative Study Between Chloroquine Sulphate and Copper Sulfate in Aquaculture at Low Dosages, *Environmental and Earth Sciences Proceedings*, 2025, 33, no. 1: 2. <https://doi.org/10.3390/eesp2025033002>.

- 2) Bartos Hunor, **Zsolt Bodor**, Ágnes Keresztesi, George Gârbacea, Deak György, Matei Monica, Lucian Laslo, Madalina Boboc, H Elena, Róbert Szép, Advances in Beehive Monitoring Systems: Low-Cost Integrating Sensor Technology for Improved Apiculture Management, *E3S Web of Conferences*, 589, 2024.
- 3) Attila Czont, **Zsolt Bodor**, Ildikó Miklóssy, Positional profiling feasibility of U18 ice-hockey players based on anthropometry and aerobic capacity, *Proceedings of the 1st International Summit Conference on Exercise Science, Sports Management, Outdoor Recreation, and Physical Education, ExSPORT*, pp.148-150, 2024
- 4) **BODOR Zsolt**, KUZMAN-Ildikó Hajnalka, BOTH-Fodor Márta, BARTOS Hunor, Lányi Szabolcs, Miklóssy Ildikó, *In silico* modeling and evaluation of *Basfia succiniciproducens* for 1,4-butanediol production from renewable resources, MATHMODEL'17, Mathematical modeling technological and socio-economic processes, Proceedings, ISSUE 1/2017, 2017, 133.
- 5) **BODOR Zsolt**, KUZMAN-Ildikó Hajnalka, BOTH-FODOR Márta, LÁNYI Szabolcs, MIKLÓSSY Ildikó, FBA-based metabolic engineering of *Basfia succiniciproducens* for production of high-added value compounds, ECBS 2017 5th European Chemical Biology Symposium, Program & Book of Abstracts, ISBN: 978-963-9970-75-5, 52, 2017.
- 6) Éva LASLÓ, Éva GYÖRGY, Éva TAMÁS, **Zsolt BODOR**, Szabolcs LÁNYI, Effect of beneficial bacterial strains isolated from wild plant roots and rhizosphere on the seed germination and plant growth of cultivated crops, Agrisafe Final Conference, Climate change: challenges and opportunities in agriculture, ISBN: 978-963-8351-37-1, 250-254, 2011.

E. Editare, coordonare de volume

- 1) Educația omului de azi pentru lumea de mâine (Human education today for tomorrow's world) - ISSN 1843-9985, 2015-2018.

F. Brevete de invenții și alte titluri de proprietate

- 1) “TULPINĂ DE BACILLUS SP. SZE 102A UTILIZATĂ ÎN PROCESUL DE ÎNSILOZARE A PLANTELOR FURAJERE”, Nr. 130921, 30.12.2019, SC. CORAX BIONER CEU SA.
- 2) “TULPINĂ DE BACILLUS SP. SZX 102 UTILIZATĂ ÎN PROCESUL DE ÎNSILOZARE A PLANTELOR FURAJERE”, Nr. 130922, 30.12.2019, SC. CORAX BIONER CEU SA.
- 3) “TULPINĂ DE LACTOBACILLUS PLANTARUM SUBSP. PLANTARUM UTILIZATĂ ÎN PROCESUL DE ÎNSILOZARE A PLANTELOR FURAJERE”, Nr. 130894, 29.03.2019, SC. CORAX BIONER CEU SA.

G. Contracte de cercetare (menționați calitatea de director sau membru)

Granturi, proiecte de cercetare	Funcția	Perioada	Volumul finanțării
<i>ADER: Studiul modificării fenologiei culturilor de cartof în zonele montane în contextul schimbărilor climatice. Contract 5.1.5/17.07.2023</i>	Director proiect	2023-	1.100.000 RON
<i>ADER: Studii privind variația spațio-temporală a chimismului precipitațiilor din Carpați și aportul ionic asupra pajiștilor montane. Contract 23.1.2/14.07.2023</i>	Cercetător	2023-	1.100.000 RON
<i>ADER: Monitorizarea stării de conservare a biodiversității vegetale din agroecosistemele zonelor umede la nivel național, cuprinse în măsura GAEC 2-Planul National Strategic-. Contract 23.1.5/13.07.2023</i>	Cercetător	2023-	1.200.000 RON
<i>Universitatea Sapientia: Institutul Programelor de Cercetare al Fundației Sapientia, “Caracterizarea chimiei și biologiei ceții și precipitațiilor în cazul</i>	Director proiect	2022-2023	49.400 RON

<i>bazinelor închise, determinarea aspectelor de sănătate publică și analiza calității aerului interior”, IPC: 14/2/12.04.2022; Univ. Sapientia: 188/1/12.04.2022</i>			
<i>Dezvoltarea unei tehnologii de producție de anticorpi monoclonali, POC, SMIS 121101</i>	Cercetător științific gr II	2021-2023	16.000.000 RON
<i>HEAlthy Life ALLiance for Health Tourism Education Development and Reorganisation –HealAll, nr. contract de finanțare: 2020-I-HU01-KA203-078799, Erasmus+KA2 Parteneriate strategice.</i>	Membru	2020-2023	86.855 EUR
<i>HORIZON 2020, ISGlobal, IRSICAIXA, InSPIRES “Ingenious Science shops to promote Participatory Innovation, Research and Equity in Science”, Grant Agreement number 741677, 20-009</i>	Director proiect	2020-2021	20.000 EUR
<i>SPARKS - Rethinking innovation together, Horizon2020. Grant Agreement number: 665825, 2017-2018</i>	Cercetător/specialist	2017-2018	60000 EUR
<i>Universitatea Sapientia: Institutul Programelor de Cercetare al Fundației Sapientia, „Analiza căilor metabolice in Basfia succiniciproducens și utilizarea metodelor ingineriei metabolice pentru biosinteza compusilor cu valoare adăugată”, IPC:13/12/17.05.2017; Univ. Sapientia: 227/2/17.05.2017</i>	Cercetător/specialist	2017-2018	45.000 RON
<i>Universitatea Sapientia: Institutul Programelor de Cercetare al Fundației Sapientia, „Biosinteza unor compuși chimici cu valoare adăugată prin metode</i>	Cercetător/specialist	2015-2016	40.500 RON

<i>moderne de inginerie metabolică”, Nr. contract de finanțare, 12/22/28.04.2015</i>			
<i>Programul PNCDI, PN-II-PT-PCCA-2013-4, Ingineria metabolică la Escherichia coli pentru obținerea 1,4-butandiolului din glucoză și glicerină și conversia catalitică a acestuia la compuși cu valoare adăugată- METABCHEM Nr. Contract: 44/2014</i>	Cercetător/ specialist Conducător de proiect	2014-2017 2016-2017	1.250.000 RON
<i>Programul 4 PNCDI2/ Controlul funcțiilor celulelor dendritice cu semnale anti-inflamatoare și de moarte celulară- DCFANS, ctr. Nr. 119/2014</i>	Cercetător/specialist	2014-2016	1.248.720 RON
<i>Programul POS CCE/ O.211 Biopreparate microbiene pentru creșterea calitatii furajelor insilozate- SILOPREP, ctr. Nr. 565/09.09.2013, ctr. Part. 416.4/05.08.2013</i>	Asistent de cercetare in biochimie tehnologica-211309	2013-2015	4.739.000 RON
<i>Programul PNII/ PCCA 2/Synthesis of some C4, C5 carboxilic acid building block chemicals from renewable biomass resources-BIOBUILD, nr. Ctr. 31/2012</i>	Cercetător/specialist	2012-2016	800.000 RON

II. RECUNOAȘTEREA

I. Premii, distincții

2019 - Placă din cristal pentru rezultatele științifice de excepție, SGEM, Bulgaria

2017-2018, 2022,2023 - Bursă pentru tinerii profesori maghiari dincolo de granițe, Ungaria

2012 - Asociația de Dezvoltare Intercomunitară Harghita, Tineri Cercetători Esența Dezvoltării, România

2011- 2014 POSDRU/107/1.5/S/76903, România

2011-2014 Programul Collegium Talentum, Ungaria

2011- Dr. Verestőy Attila, Tineri cercetători, România

J. Citări

951 citări, <https://scholar.google.com/citations?user=gp3pc-IAAAAJ&hl=en>

H-index 14

Data,

15.10.2025

Semnătura,

Lista de lucrări în domeniul de studii universitare de licență

Numele și prenumele:
Both Emese

A. Teza de doctorat

Noi produse probiotice, Prof. dr. Lányi Szabolcs, Universitatea Politehnica din București

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. **Both, E.**, Kibédi Szabó, Cs. Z., György, É., Tamás, É., Miklóssy, I., Ábrahám, B., Lányi, Sz., *Verification of Probiotic Bacterial Properties: Tolerance to Digestive Juices and Adhesion to Epithelial Cells of Lactobacillus acidophilus La-5 and Lactobacillus casei 01*, Studia Universitatis “Babeș Bolyai”, Seria Chemia, Special Issue 2 , 2009, p. 27-33.
2. **Both, E.**, György É., Ábrahám, B., Miklóssy, I., Lányi, Sz., *Selection of lactic acid bacteria isolated from traditionally manufactured cheeses*, Studia Universitatis “Babeș Bolyai”, Seria Chemia, Special Issue, 2010, p. 23-30.
3. **Both, E.**, Bodor, Zs., Albert, B., *Effect of microencapsulation on viability and survival in simulated gut conditions of probiotic bacteria*, Romanian Biotechnological Letters, 23/6, 2018, p. 141400-141405.

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

1. **Both, E.**, György, É., Kibédi Szabó, CS. Z., Tamás, É., Ábrahám, B., Miklóssy, I., Lányi, Sz., *Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms*, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science, 72/2, 2010, p. 37-44.
2. **Both, E.**, György, É., Ábrahám, B., Lányi, Sz., *Beneficial effects of probiotic microorganisms. A review*, Acta Universitatis Sapientiae, Alimentaria, 4, 2011, p. 44-58.
3. **Both, E.**, Gyenge, L., Bodor, Zs., Ábrahám, B., *Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer*, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science, 74/1, 2012, p. 27-32.

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale)

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

1. **Both, E.**, Probiotikus tulajdonsággal rendelkező tejsavbaktériumok antibakteriális hatása, *Műszaki Szemle*, 72, p.3-7, 2018.
2. Szulcz-Balog V., Salamon P., **Both E.**, A probiotikus baktériumok antibiotikum-rezisztenciája, 83, p.41-44, 2022.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

3. **Both E.**, György E., Kibédi-Szabó Cs. Z., Tamás E., Ábrahám B., Miklóssy I., Lányi Sz.: Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms, *16th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 9-12 sept. 2009.
4. **Both E.**, Kibédi Szabó Cs. Z., dr. György É., Tamás É., Miklóssy I., dr. Ábrahám B., dr. Lányi Sz.: Verification of probiotic bacterial properties: tolerance to digestive juices and adhesion to epithelial cells of *Lactobacillus acidophilus* La-5 and *Lactobacillus casei* 01, A XV-a *Conferință Internațională de Chimie*, Târgu-Mureș, 13-15 noi. 2009.
5. **Both E.**, György E., Ábrahám B., Miklóssy I., Lányi Sz.: Selection of lactic acid bacteria isolated from traditionally manufactured cheeses, A XVI-a *Conferință Internațională de Chimie*, Cluj Napoca, 11-14 noi. 2010.
6. **Both E.**, György E., Ábrahám B., Lányi Sz.: Verification of lactic acid bacterial properties in artificial digestive system examinations, *Conferința de Științe ale Naturii* (Societatea Muzeului Ardelean), Cluj Napoca, 20. noi. 2010.
7. **Both E.**, Gyenge L., Bodor Zs., György É., Lányi Sz., Ábrahám B.: Intensification of probiotic microorganisms viability by encapsulation using ultrasonic atomizer, *17th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sept. 2011.
8. **Both E.**, Szulcz-Balog V., Salamon P., Probiotikus tejsavbaktériumok antibiotikumokkal szembeni rezisztenciája és a probiotikus tejtermékek élelmiszerbiztonsági aspektusai, *XXIX.th INTERNATIONAL CONFERENCE OF CHEMISTRY*, Marosvásárhely, 25-28 okt. 2023.

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. TEHNOLOGII INOVATIVE DE CONSERVARE SI UTILIZARE A BACTERIILOR LACTICE PROBIOTICE CU PERFORMANTE BIOTEHNOLOGICE SUPERIOARE PENTRU CRESTEREA SIGURANTEI ALIMENTARE INCTEC- PNCDI II 61-001/ 2007 (2007-2010), membru
2. REPROIECTAREA SPECIFICITATII ENZIMATICE PRIN EVOLUTIE DIRIJATA: ELABORAREA UNEI SERIN PROTEAZE SPECIFICE PENTRU CLIVAREA C TERMINALA A FOSFOTIROZINEI- PHOSPHOTYRASE 61-027/2007 (2007-2010), membru
3. BIOPREPARATE MICROBIENE PENTRU CREȘTEREA PRODUCTIVITĂȚII ȘI PROTECȚIA CULTURILOR AGRICOLE /BIOPREP (2009-2012), membru
4. Programul 4 PNCDI2/ BIOPREPARATE MICROBIENE PENTRU CREȘTEREA PRODUCTIVITĂȚII ȘI PROTECȚIA CULTURILOR AGRICOLE MIMOSA (2007-2010), membru

K. Participări la conferințe naționale și internaționale

1. **Both E.**, György E., Kibédi-Szabó Cs. Z., Tamás E., Ábrahám B., Miklóssy I., Lányi Sz.: Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms, *16th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 9-12 sept. 2009.
2. **Both E.**, Kibédi Szabó Cs. Z., dr. György É., Tamás É., Miklóssy I., dr. Ábrahám B., dr. Lányi Sz.: Verification of probiotic bacterial properties: tolerance to digestive juices and adhesion to epithelial cells of *Lactobacillus acidophilus* La-5 and *Lactobacillus casei* 01, A XV-a *Conferință Internațională de Chimie*, Târgu-Mureș, 13-15 noi. 2009.
3. **Both E.**, György E., Ábrahám B., Miklóssy I., Lányi Sz.: Selection of lactic acid bacteria isolated from traditionally manufactured cheeses, A XVI-a *Conferință Internațională de Chimie*, Cluj Napoca, 11-14 noi. 2010.
4. **Both E.**, György E., Ábrahám B., Lányi Sz.: Verification of lactic acid bacterial properties in artificial digestive system examinations, *Conferința de Științe ale Naturii* (Societatea Muzeului Ardelean), Cluj Napoca, 20. noi. 2010.
5. **Both E.**, Gyenge L., Bodor Zs., György É., Lányi Sz., Ábrahám B.: Intensification of probiotic microorganisms viability by encapsulation using ultrasonic atomizer, *17th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sept. 2011.

6. **Both E.**, Szulczcer-Balog V., Salamon P., Probiotikus tejsavbaktériumok antibiotikumokkal szembeni rezisztenciája és a probiotikus tejtermékek élelmiszerbiztonsági aspektusai, *XXIX.th INTERNATIONAL CONFERENCE OF CHEMISTRY*, Marosvásárhely, 25-28 okt. 2023.

III. RECUNOAȘTEREA

J. Citări

Citări Google Scholar

1. Both E., Gyenge L., Bodor Zs., György É., Lányi Sz., Ábrahám B.: Intensification of probiotic microorganisms viability by microencapsulation using ultrasonic atomizer *in* UPB Scientific Bulletin, Series B: Chemistry and Materials Science 74/1, 2012

Citări:

1. D. Campos, F. Acevedo, E. Morales, J. Aravena, V. Amiard, M. Jorquera, N. Inostroza, M. Rubilar: Microencapsulation by spray drying of nitrogen-fixing bacteria associated with lupin nodules *in* World Journal of Microbiology and Biotechnology (Formerly MIRCEN Journal of Applied Microbiology and Biotechnology) 30(9) · May 2014.
2. Daniela C. Campos, Francisca Acevedo, Eduardo Morales, Javiera Aravena, Véronique Amiard, Milko A. Jorquera, Nitza G. Inostroza, Mónica Rubilar: Microencapsulation by spray drying of nitrogen-fixing bacteria associated with lupin nodules, World Journal of Microbiology and Biotechnology, Sept. 2014, Volume 30, Issue 9, pp 2371–2378
3. Kavita. R. Pandey, Suresh. R. NaikBabu. V. Vakil: Probiotics, prebiotics and synbiotics- a review, Journal of Food Science and Technology, Dec. 2015, Volume 52, Issue 12, pp 7577–7587
4. Bryshila Lupo Pasin, Carmen González Azón , Alicia Maestro Garriga: Microencapsulation in alginate for food. Technologies and applications, Revista Venezolana de Ciencia y Tecnología de Alimentos. 3 (1): 130-151. Enero-Junio, 2012
5. V. Jayalalitha: Microencapsulation of Probiotics to Prepare Functional Dairy Products, Probiotics in Sustainable Food Production: Current Status and Future Prospects - Probiotic Foods, 2013
6. J Jeżewska-Frąckowiak, K Seroczyńska, J. Banaszczyk, G. Jedrzejczak, A. Żylicz-Stachula, P. Mariusz Skowron: The promises and risks of probiotic *Bacillus* species, Acta Biochimica Polonica, 65/4, 2018

2. Both E., György É., Kibédi Sz. Cs., Tamás É., Miklóssy I., Ábrahám B., Lányi Sz.: Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms *in* UPB Scientific Bulletin, Series B: Chemistry and Materials Science 72/2, 2010

Citări:

1. Elnaz Vaghef-Mehrabany, Aziz Homayouni Rad , Beitullah Alipour , Leila Vaghef-Mehrabany , Maryam Saghafi Asl: Formulation and Design of Probiotic Supplements for Rheumatoid Arthritis Patients, Mar 2018. doi: 10.15171/PS.2018.08
2. Beitullah Alipour, Aziz Homayouni-Rad Elnaz Vaghef-Mehrabany Sakineh Khatoun Sharif Leila Vaghef-Mehrabany Mohammad Asghari-Jafarabadi Mohammad Reza Nakhjavani Javad Mohtadi-Nia: Effects of Lactobacillus casei supplementation on disease activity and inflammatory cytokines in rheumatoid arthritis patients: a randomized double-blind clinical trial, Mar 2014. doi: 10.1111/1756-185X.12333
3. M.P. Arena, P. Russo, V. Capozzi, A. Rascon, G. Felis, G. Spano, D. Fiocco: Combinations of cereal β -glucans and probiotics can enhance the anti-inflammatory activity on host cells by a synergistic effect, May 2016. DOI: 10.1016/j.jff.2016.02.015
4. E. Vaghef-Mehrabany, A. Homayouni-Rad, B. Alipour, S. Alipour-Aliyi: Effects of Probiotic Supplementation on Oxidative Stress Indices in Women with Rheumatoid Arthritis: A Randomized Double-Blind Clinical Trial in Journal of the American College of Nutrition Apr. 2015
5. M. Abbas, A. Mahasneh: Functional Characteristics of Lactobacillus Strains Isolated from Camel's Milk, Jan 2015. DOI: 10.9734/BJMMR/2015/15287
6. M.P. Arena, G. Caggianiello, D. Fiocco, P. Russo, M. Torelli, G. Spano, V. Capozzi: Barley β -Glucans-Containing Food Enhances Probiotic Performances of Beneficial Bacteria in International Journal of Molecular Sciences 15(2):3025-39 · February 2014. DOI: 10.3390/ijms15023025 · Source: PubMed
7. E. Vaghef-Mehrabany, B. Alipour, A. Homayouni-Rad, S. Zavvari: Probiotic supplementation improves inflammatory status in patients with rheumatoid arthritis in Nutrition 30(4) · December 2013. DOI: 10.1016/j.nut.2013.09.007 · Source: PubMed
8. I. Frola, M. Pellegrino, G. Magnano, et. al: Histological examination of non-lactating bovine udders inoculated with Lactobacillus perolens CRL 1724 in Journal of Dairy Research 80(1):1-8 · November 2012. DOI: 10.1017/S0022029912000581 · Source: PubMed.
9. P. Balgir et al: In Vitro and In Vivo Survival and Colonic Adhesion of Pediococcus acidilactici MTCC5101 in Human Gut. September 2013. DOI: 10.1155/2013/583850 · Source: PubMed.
10. S. Ghaderian et al.: Probiotic Therapy, What is the most Effective Method for Host Protection Against Enteric Pathogen in Int J Entthic Pathol 1(2): 36-42, Nov 2013.
11. B. Alipour, A Homayouni, E. Vaghef-Mehrabany, S. Sharif, L. Vaghef-Mehrabany, M. Jafarabadi, M. Rakhjavani, J. Mohtadi-Nia: Effects of Lactobacillus casei supplementation on disease activity and inflammatory cytokines in rheumatoid arthritis patients: A randomized double-blind clinical trial in International Journal of Rheumatic Diseases 17(5) · March 2014. DOI: 10.1111/1756-185X.12333

12. M. Arena, P. Russo, V. Capozzi, G. Spano: Probiotic abilities of riboflavin-overproducing *Lactobacillus* strains: A novel promising application of probiotics in *Applied Microbiology and Biotechnology* 98(17) · June 2014. DOI: 10.1007/s00253-014-5837-x · Source: PubMed.
13. S. Rashid, S. Hassanshahian: Screening, Isolation and Identification of Lactic Acid Bacteria From a Traditional Dairy Product of Sabzevar, Iran in *Int J Entthic Pathol* 2(4) e18393, Nov 2014.
14. M. Junjua, N. Kechaou, F. Chain et al.: A large scale in vitro screening of *Streptococcus thermophilus* strains revealed strains with a high anti-inflammatory potential in *LWT- Food Science and Technology* 70 · February 2016. DOI: 10.1016/j.lwt.2016.02.006.
15. M. Pia Arena, P. Russo, V. Capozzi, D. Fiocco: Combinations of cereal β -glucans and probiotics can enhance the anti-inflammatory activity on host cells by a synergistic effect, May 2016 DOI 10.1016/j.jff.2016.02.015.
16. E. Vaghef-Mehrabany, L. Vaghef-Mehrabany, M. Asghari-Jafarabadi³, A. Homayouni-Rad, K. Issazadeh, B. Alipour: Effects of probiotic supplementation on lipid profile of women with rheumatoid arthritis: A randomized placebo-controlled clinical trial, in: *Health Promotion Perspectives*, 2017, 7(2), 95-101.
17. S.M.H. Ghaderian: Probiotic Therapy, What is the most Effective Method for Host Protection Against Enteric Pathogen, November 2013 DOI10.17795/ijep13289
18. Lavanya Ananthanarayanan, Aparna Dubhashi: Study of Probiotic Attributes of two isolates *Bacillus aerius* and *Bacillus cereus*, *International Journal of Research Studies in Biosciences (IJRSB)* Volume 4, Issue 4, April 2016.
19. Adel M. Mahasneh, Muna M. Abbas: Probiotics: The possible alternative to disease chemotherapy, *Microbial Biotechnology*, 2014.
20. Gongora HG.: Optimización de los procesos de ensilado a partir de residuos de la industria pesquera y evaluación de nuevas aplicaciones en la alimentación animal, *oceandocs.org*, 2013.
21. G Caggianiello: Polyphasic characterization of exopolysaccharides produced by *Lactobacillus plantarum* Lp90 strain, *fair.unifg.it*, 2015.
22. Murlidhar Meghwal, Megh R. Goyal: Application of Probiotic and Prebiotic for Human Health (Book Chapter) in *Food Engineering Emerging Issues, Modeling, and Applications*, 2016
23. AM Mahasneh, MM Abbas: Probiotics (Book Chapter) in *Microbial Biotechnology: Progress and Trends*, 2014.

3. Both, E., György, É., Ábrahám, B., Lányi, Sz.: Beneficial effects of probiotic microorganisms. A review, *Acta Universitatis Sapientiae, Alimentaria*, 4, p. 44-58, ISSN 1844-7449, 2011

Citări:

1. S.M.H. Ghaderian: Probiotic Therapy, What is the most Effective Method for Host Protection Against Enteric Pathogen, November 2013 DOI10.17795/ijep13289
2. Jawad Kadhim Isa, Seyed Hadi Razavi: The Use of *Lactobacillus acidophilus* and *Bifidobacterium animalis* ssp. *Lactis* BB12, as Probiotics to Reduce the Risk of Food Poisoning in Minced Meat, *Applied Food Biotechnology*, Vol. 5/3, 2018
3. K. Arsi, A. M. Donoghue, A. Woo-Ming, P. J. Blore, D. J. Donoghue: Intracloacal Inoculation, an Effective Screening Method for Determining the Efficacy of Probiotic Bacterial Isolates against *Campylobacter* Colonization in Broiler Chickens. *Journal of Food Protection*: January 2015, Vol. 78, No. 1, pp. 209-213, 2015

4. N. Hazarina: The impact of selenium-rich green and black tea water extracts on bone health in vitro, and in an animal model of osteoporosis: a thesis presented in partial fulfilment of the requirements for the degree of Doctor of Philosophy in Health Sciences at Massey University, Palmerston North, New Zealand, 2017

24 septembrie 2025

Both Emese

Lista de lucrări în domeniul de studii universitare de licență

Numele și prenumele: Czont Attila

A. Teza de doctorat

B. Cărți și capitole de cărți

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Fodor, H. P., Dávid, H., Czont, A., Miklóssy, I., Orbán, K.-C., Tar, G., Fodor, A., et al. (2023). Enhanced Gait Recovery in Chronic Post-COVID-19 Stroke: The Role of Combined Physical Rehabilitation. Reports, 6(4), 51. <http://dx.doi.org/10.3390/reports6040051>
2. Czont, A., Freyer, T., Bodor, Z., Mara, G., Sandor, J., & Miklosy, I. (2023). Position-based anthropometric characteristics and general physiological performance of national level, U18 ice hockey players. Sportis. Scientific Technical Journal of School Sport, Physical Education and Psychomotricity, 9(1), 81-97. <https://doi.org/10.17979/sportis.2023.9.1.9200>

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale)

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. Czont, A., Bodor, Z., & Miklóssy, I. (2024). Positional profiling feasibility of U18 ice-hockey players based on anthropometry and aerobic capacity. In Proceedings of the 1st International Summit Conference on Exercise Science, Sports Management, Outdoor Recreation, and Physical Education, ExSPORT 2024, 28th-29th August, Malaysia (pp. 148-150).

F. Invenții:

G. Contracte de cercetare (menționați calitatea de director sau membru)

K. Participări la conferințe naționale și internaționale

III. RECUNOAȘTEREA

I. Premii, distincții.

J. Citări

Citări Google Scholar

Citări:2, h-index=1

10 octombrie 2025

drd. Czont Attila

Lista de lucrări în domeniul de studii universitare de licență biologie

Numele și prenumele: *Csató-Kovács Erika*

A. Teza de doctorat

Expresia heterologă și purificarea proteinei GITRL, un potențial marker tumoral. 2011. Universitatea Politehnica din București, Facultatea de Chimie Aplicată și Știința Materialelor, p. 1-116.

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc) publicate în țară, la edituri recunoscute CNCSIS

Bálint Emese-Éva, Csató-Kovács Erika, Miklóssy Ildikó: *Molekuláris technikák, Gyakorlati jegyzet mérnök hallgatóknak (Tehnici moleculare, Îndrumar de laborator)*, Editura T3, Sfântu Gheorghe, 2022, ISBN 978-606-95430-2-63, 145 pagini

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

Albert Beáta, Csató-Kovács Erika: *Antitest termelő sejtvonal fejlesztése, Laboratóriumi jegyzet génszabványos hallgatók számára, (Dezvoltarea unei linii celulare producătoare de anticorpi monoclonali, Îndrumar de laborator pentru studenții la inginerie genetică)*, 2024, ISBN 978-973-0-39646-1, 105 pagini.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. **Csató-Kovács, E.**, Salamon, P., Fikó-László, Sz., Kovács, K., Koka, A., András-Korodi, M., Antal, E., Brumă, E., Tórsók, B., Gudor, Sz., Miklóssy, I., Orbán, K.Cs., Albert, Cs., Bálint E.É., Albert, B., Development of a mammalian cell line for stable production of anti-PD-1, Antibodies, 2024, 13(4): 82 (12 pages). IF: 2,7
2. Fikó, D.-R., **Csató-Kovács, E.**, Szilveszter, Sz., Máthé, I., Felföldi, T., Lányi, Sz., Investigation of the phenol-degrading ability and metabolic pathways of bacteria isolated from landfill leachate, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, 2023, 85(2): 105-118. IF: NA
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5. Vincze, É.-B., Salamon R.-V., **Kovács, E.**, Mara Gy., Effect of metal tolerant plant growth promoting rhizobacteria on bean growth, cadmium and zinc uptake and stress responses. Environmental engineering and management journal, 2018, 17(4):803-811. IF = 1.148
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7. Bálint, J., Benedek, K., Loxdale, H.D., **Kovács, E.**, Ábrahám, B., Balog, A., How host plants and

- predators influence pea aphid (*Acyrtosiphon pisum* Harris) populations in a complex habitat. *NorthWestern Journal of Zoology*, 2017, 14(1). IF = 0.733.
8. Fazakas, A., **Kovács E.**, Bodor, Zs., Lányi, Sz., Ábrahám, B., Production of chemicals with genetically modified *Escherichia coli* strains from renewable resources. *Studia Universitatis Babes-Bolyai Seria Chemia*, 2016, 61(2): 35-46. IF = 0.244
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 15. **Kovács, E.**, Szilágyi, L., Koncz, G., Lányi, Sz., Ábrahám, B., Enhanced in vitro refolding of soluble human Glucocorticoid-Induced TNF Receptor-Related Ligand. *Applied Biochemistry and Biotechnology*, 2013, 170(4): 819-30. IF = 1.687
 16. **Kovács, E.**, Szabó, M., Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Purification and cleaving of the human GITRL expressed as fusion protein. *Studia Universitatis Babes Bolyai Seria Chemica*, 2010, Special Issue: 81-88. IF = 0.231
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C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

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20. Felföldi, T., **Kovács, E.**, Fikó, D.R., Tankó, Gy., Szabó, A., Hagymányostól eltérő eljárások alkalmazása új baktériumtörzsek laboratóriumi tenyésztése érdekében (Applying unconventional

techniques for the laboratory cultivation of new bacterial strains). Hidrológiai Közlöny, 2015, 95 (5-6): 19-21. (in Hungarian, with English abstract) [Chemical Abstracts, Water Resources Abstracts]

21. **Kovács, E.**, Iuhasz, A., Szabó, M., Szilágyi, L., Ábrahám, B., Lányi, Sz., Efficient refolding of the recombinant human glucocorticoid-induced TNF-related receptor ligand produced in *E. coli* as inclusion bodies. University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, 2012, 74(1): 15-20. ISSN 1454-233.[UlrichS International Periodicals Directory, Scopus, Cambridge Scientific Abstracts]
22. Pálfi, M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Fluorescence quenching analysis of histidine-tagged enhanced green fluorescent protein. University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, 2010, 72(2): 45-52. ISSN 1454-233.[UlrichS International Periodicals Directory, Scopus, Cambridge Scientific Abstracts]
23. Ábrahám, B., Miklóssy, I., **Kovács, E.**, Tamás, É., Mészáros, I., Szilveszter, Sz., Brezeanu, A., Lányi, Sz., Genetic Analysis of *Pinus sylvestris* L. and *Pinus sylvestris* forma *turfosa* L. Using RAPD Markers. Notulae Scientia Biologicae, 2010, 2(1): 129-132. [EBSCO, CABI, ProQuest-CAS, BLD, Index Copernicus, CrossRef, UlrichS International Periodicals Directory, etc.]

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24. Fazakas (Iuhasz), A., Bodor, Zs., **Kovács, E.**, Lányi, Sz., Ábrhám, B., Génkiütés λ -Red rekombinációval *Escherichia coli*-ban (Gene knockout using λ -Red recombination system in *Escherichia coli*). Műszaki Szemle/Technical Review, 2014, 63: 10-15. (in Hungarian, with English abstract)
25. **Kovács, E.**, Szabó, M., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., A humán GITRL heterológ expressziója bakteriális rendszerben. Műszaki Szemle/Technical Review, 2010, 52: 21-27. (in Hungarian, with English abstract)
26. Szabó, M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Zöld fluoreszcens fehérje irányított mutagenézise és a mutáció hatásának vizsgálata. Műszaki Szemle/Technical Review, 2010, 52: 44-50. (in Hungarian, with English abstract).

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

27. Bálint, E.É, **Csató-Kovács, E.**, Laslo, É., "School of ants" - a successful ecological education program in Harghita county. Human Education today for the world of tomorrow. Publisher Pro Universitaria 2015, 12: 119-123.
28. Pálfi, M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Egy „világító” fehérje alkalmazási lehetőségei a környezeti biomonitoringban. Csíki Székely Múzeum Évkönyve, Természettudományok, 2010, 517-522.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

29. Albert, Cs., **Kovács, E.**, Lányi, Sz., Csapó, J., Salamon, Sz., Csapó, J., A mikrohullámú pasztörözés hatása a tej összetételére II. B1-, B2-, B6-, B12- és C-vitamin-, hasznosítható lizin-, lizino-alanin-, hidroximetil-furfurol-tartalom. 14th International Conference on Chemistry, 2008, 35-38.
30. Gálicza, J., Szép, S., András, Cs., Ábrahám, B., Miklóssy, I., **Kovács, E.**, Lányi, Sz., Lignocellulóz tartalmú hulladékokból származó xilóz biokonverziója biokémiai szintézisekhez szükséges nyersanyagokká. 14th International Conference on Chemistry, 2008, 54-61.

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. Programul POC/161/6/3/ Dezvoltarea unei tehnologii de producție de anticorpi monoclonali la sediul firmei SC CORAX-BIONER CEU SA/ANTICORP, 2021-2023, membru
2. Izolarea de noi tulpini bacteriene cu potențiale aplicații în bioremediere și în biotehnologie – CNCS-UEFISCDI: PN-II-RU-TE-2012-3-0319 (2013-2015), membru
3. Biopreparate microbiene pentru creșterea calității furajelor însilozate – SILOPREP: POS 2.1.1, grant nr. 565/09.09.2013. (2013-2015), membru
4. Programul PNCDI2/ Synthesis of some C4, C5 carboxylic acid building block chemicals from renewable biomass resources-BIOBUILD. Nr. Contract: 31/2012 (2012-2015), membru
5. Programul 4 PNCDI2/ Ingineria metabolică la Escherichia coli pentru obținerea 1,4-butandiolului din glucoză și glicerină și conversia catalitică a acestuia la compuși cu valoare adăugată-METABCHEM, PN-II-PT-PCCA-2013-4, Grant 119/2014 (2014-2016), membru
6. Programul 4 PNCDI2/Inoculanti microbieni pentru sisteme de agricultura durabila-MIMOSA, PNCDI 31-048/14.09.2007. (2007-2010), membru
7. Programul 4 PNCDI2/ Procedeu de obtinere de bioetanol din deseuri Agroalimentare Tratate cu Enzime Termotabile Recombinate, Obținute prin Expresie Heterologa Extracelulara – Bio-DesEnEx, Nr. Contract: 62-090/01.10.2008 (2008-2011), membru

K. Participări la conferințe naționale și internaționale

1. Ilkei, K.-I., **Csató-Kovács, E.**, Albert, Cs., Gyöngyvér, M., Gut microbiome structure and metabolic activity in type 2 diabetic patient, *23rd International Symposium and Summer School on Bioanalysis*, Zagreb, 6-15 July 2025.
2. **Csató-Kovács, E.**, Salamon, P., András-Korodi, M., Antal, E., Koka, A., Fejér, R., Albert, Cs., Orbán, K.Cs., Albert, B., The effect of different signal sequences on biosimilar Nivolumab production in CHO cells. *30th International Conference on Chemistry*, Cluj-Napoca, 23-26 October 2024.
3. Tórsök, B., **Csató-Kovács, E.**, Bodor, Zs., Analysis of Escherichia coli Δ fumA's fitness and succinic acid production in the presence of different substrate. *30th International Conference on Chemistry*, Cluj-Napoca, 23-26 October 2024.
4. Laslo, É., **Csató-Kovács, E.**, Sándor, Sz., Len, H., The nutritional importance of milk according to its physico-chemical properties. *30th International Conference on Chemistry*, Cluj-Napoca, 23-26 October 2024.
5. Pál Salamon, Szilárd Gudur, Szilvia Fikó-László, Rebeka Fejér, Csongor K. Orbán, Emőke Antal, Mónika András-Korodi, **Erika Csató-Kovács**, Csilla Albert, Emese Bálint, Ildikó Miklóssy, Ferenc Kilár, Szabolcs Lányi, Beáta Albert, From Inception to Implementation: biNivo Biosimilar Product Development. *22th International Symposium and Summer School on Bioanalysis*, Prague, Czech Republic, 7-13 July 2024.
6. **Csató-Kovács, E.**, Koka, A., András-Korodi, M., Antal, E., Brumă, E., Albert, B., Development of mammalian cell line for stable production of anti-PD-1. *29th International Conference on Chemistry*, Târgu Mureș, 25-28 October 2023.
7. Brumă, E., **Csató-Kovács, E.**, Korodi, M., Orbán, Cs., Biosimilar monoclonal antibodies detection with ELISA method. *21st International Symposium and Summer School on Bioanalysis (21st ISSSB)*, Târgu Mureș, 10-15 July 2023.
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9. Tórsök, B., Miklóssy, I., **Csató-Kovács, E.**, Bodor, Zs., The effect of knockout fumarase gene on Escherichia coli metabolism. *25th International Conference on Chemistry*, Cluj-Napoca, 24-26 oct. 2019.
10. Fikó, D.R., Szilveszter, Sz., **Kovács, E.**, Felföldi, T., Máthé, I., Phenolic wastewater treatment potential of bacteria isolated from landfill leachate treating bioreactor. *20th Romanian International Conference on Chemistry and Chemical Engineering*, Poiana Brasov, 6 – 9 September 2017.

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12. Vincze, B., Salamon R.-V., **Kovács, E.**, Mara Gy., Stress protein determination from metal stressed bean plants. *22th International Conference on Chemistry*, Timisoara, 3-6 November, 2016. ISSN: 1843-6293, p. 134.
13. Máthé, I., Fikó, D.R., **Kovács, E.**, Csitári, B., Szabó, A., Tancsics, A., Felföldi, T., Bacterial degradation of phenolic compounds in natural and artificial environments. *16th International Symposium on Microbial Ecology (ISME-16)*, Montreal (Canada), 21-26 August 2016.
14. Fikó, D.R., Kovács, E., Szilveszter, Sz., Felföldi, T., Máthé I., Phenol Degradation Potential of Bacteria Isolated From Extreme Habitats. *Proceedings of the World Congress on Civil, Structural, and Environmental Engineering (CSEE'16)*, Prague, Czech Republic, 30 – 31 March, 2016.
15. Felföldi, T., **Kovács, E.**, Fikó, D.R., Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I., Unconventional strategies for the cultivation of new bacterial strains from aquatic environments. *17th International Congress of the Hungarian Society for Microbiology*, Budapest, Hungary, 8-10 July 2015.
16. Felföldi, T., **Kovács, E.**, Fikó, D.R., Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I., Applying unconventional techniques for the laboratory cultivation of new bacterial strains. *13th Symposium on Bacterial Genetics and Ecology (BAGECO-13)*, Milan (Italy), 14-18 June 2015.
17. Fikó, D.R., Jakab, E., **Kovács, E.**, Felföldi, T., Máthé, I., Determining the Phenol-degrading Potential of Bacteria Isolated from a Landfill Leachate-treating Bioreactor. *20th International Conference of Chemistry*, Cluj-Napoca, 6-9 nov. 2014.
18. Felföldi, T., **Kovács, E.**, Fikó, R., Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I., Hagymányostól eltérő eljárások alkalmazása új baktériumtörzsek laboratóriumi tenyésztése érdekében. *LVI. Hidrobiológus Napok*, Tihany, 2014. október 1-3.
19. Máthé, I., **Kovács, E.**, Fikó, R., Tankó, Gy., Nagymáté, Zs., Szabó, A., Szilveszter, Sz., Felföldi, T., Enhancing the cultivability of bacteria with the combination of simple but unconventional methods. *15th International Symposium on Microbial Ecology (ISME-15)*, Seoul (South Korea), 24-29 august 2014.
20. Fazakas (Iuhasz), A., Bodor, Zs., **Kovács, E.**, Lányi, Sz., Ábrahám, B., Gene knockout using λ -Red recombination system in isolated *Escherichia coli*, *19th International Conference of Chemistry*, Baia Mare, 21-24 nov. 2013.
21. Bodor, Zs., Fazakas (Iuhasz), A., **Kovács, E.**, Lányi, Sz., Ábrahám, B., Modeling and analysis of bio-based succinic acid production from renewable resources using *Escherichia coli*, *1st EuCheMS Congress on Green and Sustainable Chemistry*, Budapest, Hungary, 13-15 oct. 2013.
22. Bodor, Zs., Fazakas (Iuhasz), A., **Kovács, E.**, Lányi, Sz., Ábrahám, B., In silico modeling and metabolic engineering of *Escherichia coli* to succinic acid production, *18th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 4-7 sept. 2013.
23. Fazakas (Iuhasz), A., Bodor, Zs., **Kovács, E.**, Lányi, Sz., Ábrahám, B., Screening of best glycerol utilizing *Escherichia coli* strains for succinate production, *18th International Conference of Chemistry*, Băile Felix, 22-25 nov. 2012.
24. Ábrahám, B., Orbán, K.Cs., **Kovács, E.**, Szilágyi, L., Lányi, Sz. Dima, R., Heterologous expression of *Photobacterium halotolerans* pullulanase in *Escherichia coli*, *18th International Conference of Chemistry*, Băile Felix, 22-25 nov. 2012.
25. Orbán, K.Cs., Ábrahám, B., Crognale, S., **Kovács, E.**, Lányi, Sz., Identification and isolation of new amylase from halophilic *Photobacterium sp.*, *7th Chemical Engineering Conference for Collaborative Research for Eastern European Countries*, Corfu, Grecia, 27 apr. – 1 may 2012.
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27. Petres, J., Szabó, M., **Kovács, E.**, Szilágyi, L., Ábrahám, B., Lányi, Sz., Green Fluorescent Protein Mutants as Metal Ion Receptors, *17th International Conference of Chemistry*, Cluj Napoca, 3-6 nov. 2011.

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29. Szabó (Pálfi), M., **Kovács, E.**, Petres, J., Miklóssy, I., Ábrahám, B., Lányi, Sz., Analysis of fluorescent proteins' metal sensitivity, *17th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sept. 2011.
30. Szabó (Pálfi), M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Possible application of metal sensitive red fluorescent proteins in environmental monitoring, *6th. International Conference Environmental Engineering and Management*, Balatonalmády, Hungary, 1-4 sept. 2011.
31. **Kovács, E.**, Szabó, M., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Biosynthesis of the extracellular domain of human GITRL, *4th European Conference on Chemistry for Life Sciences*, Budapest, Hungary, 31 aug – 3 sept. 2011.
32. **Kovács, E.**, Pálfi, M., Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Purification and cleaving of the human GITRL expressed as fusion protein, *16th International Conference of Chemistry*, Cluj Napoca, 11-14 nov. 2010.
33. Pálfi, M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Characterization of GFP mutants, *16th International Conference of Chemistry*, Cluj Napoca, 11-14 nov. 2010.
34. **Kovács, E.**, Pálfi, M., Szilágyi, L., Ábrahám, B., Miklóssy, I., Lányi, Sz., Expression of the extracellular region of human GITRL as fusion protein, *Chemical Engineering Days'10*, Veszprém, Hungary, 27-29 apr. 2010.
35. Pálfi, M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Obtaining and characterization of metal binding green fluorescent protein mutants, *Chemical Engineering Days'10*, Veszprém, Hungary, 27-29 apr. 2010.
36. **Kovács, E.**, Pálfi, M., Bálint, E., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Comparison of the human GITRL production in diverse bacterial expression system, *Conferința Zilele Științei, Asociația Muzeului Ardelean*, Cluj Napoca, 20 nov. 2010.
37. Pálfi, M., **Kovács, E.**, Miklóssy, I., Ábrahám, B., Lányi, Sz., The modified GFP can serve as a receptor and reporter molecule in the same time?, *Conferința Zilele Științei, Asociația Muzeului Ardelean*, Cluj Napoca, 20 nov. 2010.
38. **Kovács, E.**, Pálfi, M., Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Construction of an Expression Vector for the GITRL, *15th International Conference of Chemistry*, Târgu Mureș, 12-15 nov. 2009.
39. Pálfi, M., **Kovács, E.**, Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Engineered Green Fluorescent Protein as a Potential Metal Sensor, *15th International Conference of Chemistry*, Târgu Mureș, 12-15 nov. 2009.
40. Bodor, Zs., **Kovács, E.**, Miklóssy, I., Ábrahám, B., Bálint, E.-É., Orbán, K.Cs., Tamás, É., Szilveszter, Sz., Lányi, Sz., Heterologous expression of alpha-amylase in *Pichia pastoris*, *15th International Conference of Chemistry*, Târgu Mureș, 12-15 nov. 2009.
41. Ábrahám, B., Miklóssy, I., Pálfi, M., **Kovács, E.**, Lányi, Sz., Heterologous expression of pullulanase from *Fervidobacter pennivorans* in *E. coli*, *16th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 9-12 sept. 2009.
42. Pálfi, M., **Kovács, E.**, Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Fluorescence quenching analysis of histidine-tagged enhanced green fluorescent protein, *16th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 9-12 sept. 2009.
43. Albert, Cs., **Kovács, E.**, Lányi, Sz., Csapó, J., Salamon, Sz., Csapó, J., A mikrohullámú pasztörözés hatása a tej összetételére II. B1-, B2-, B6-, B12- és C-vitamin-, hasznosítható lizin-, lizino-alanin-, hidroxi-metil-furfurol-tartalom, *14th International Conference on Chemistry*, Cluj-Napoca, 13-15 nov. 2008.
44. Gálicza, J., Szép, S., András, Cs., Ábrahám, B., Miklóssy, I., **Kovács, E.**, Lányi Sz., Lignocellulóz tartalmú hulladékokból származó xilóz biokonverziója biokémiai szintézisekhez szükséges nyersanyagokká, *14th International Conference on Chemistry*, Cluj-Napoca, 13-15 nov. 2008.

III. RECUNOAȘTEREA

I. Premii, distincții.

- 2010 (1 lună) Bursă de cercetare - Domus, Academia de Științe Maghiară, Ungaria, junior cercetător, Universitatea Eötvös Loránd, Departamentul de Biochimie.
- 2010 (8 luni) Bursă de cercetare - Programul Operațional Sectorial Dezvoltarea Resurselor Umane (POS DRU), Universitatea Eötvös Loránd, Departamentul de Imunologie.
- 2018, 2019 - Premiul Institutului Balassi pentru universitari tînări

J. Citări

Citări Google Scholar

Citări: 104

h-index= 5

18 septembrie 2025

dr. Csató-Kovács Erika

Lista de lucrări în domeniul de studii universitare de licență

Numele și prenumele: Gergely Norbert

A. Teza de doctorat

B. Cărți și capitole de cărți

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

Nagy, B., [Gergely, N.](#), Székely, E.: Study on hotel infrastructure accessibility in Romania =: Studija o pristupačnosti hotelske infrastrukture u Rumunjskoj. *Acta turistica*. 37 (Spec.), 9-33, 2025

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale)

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

Gergely N. (2024): A turizmus iparágában végbemenő humánerőforrás átszerveződés az elmúlt évek távlatából, Erdély vonatkozásában. In: *Economica* Volume 15., Issue 1-2. pp. 14-21.;

Gergely N. (2024): Review of the pandemic period, reorganization of the Szeklerland's tourism offer. In: *Oradea Journal of Business and Economics* Volume 9., Issue 2. p. 11.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

Takács, P., Móré, M., Mara, G., Martignago, F., Lázár, E., Miklóssy, I., Vámosi, G., Laczay, M., Szakál, Z., Kristóf, Z., Varga, L., Nagy, B., Paulikné Varga, B., Helmeczi, G., Tóth, K., Bálint, G., Gergely, N., Székely, L., Bálint, E., Bandiziol, B., Horváth, A., Gurzó, A., Lövei-Kalmár, K., Orosz, E. K., Varga, S. Z.: The impact of the Covid pandemic on tourism: Measuring social, cultural, economical background Examining data from three countries: Hungary - Romania/Transylvania - Italy. *Debreceni Egyetem Egészségtudományi Kar, Debrecen, Nyíregyháza*, 38 p., 2023. ISBN: 9789634906063

Csapó, J., Bálint, B., Bálint, G., Čavlek, N., Csóka, L., Gergely, N., Gonda, T., György, O., Halik, L., Kassay, J., Krajnović, V., Nagy, B., Raffay, Z., Siwek, A., Sowa, P., Zajadacz, A.: *TEORIA ȘI PRACTICA TURISMULUI ACCESIBIL ÎN EUROPA CENTRALĂ - implicații ale unui proiect internațional de cooperare*. Editura Scientia, Cluj-Napoca, 253 p., 2025. ISBN: 9786069750995

Csapó, J., Bálint, B., Bálint, G., Čavlek, N., Csóka, L., Gergely, N., Gonda, T., György, O., Halik, L., Kassay, J., Krajnović, V., Nagy, B., Raffay, Z., Siwek, A., Sowa, P., Zajadacz, A.: The theory and practice of accessible tourism in Central Europe: implications from an international project co- operation. *University of Pécs, Faculty of Business and Economics, Pécs*, 233 p., 2024. ISBN: 9789636263416

F. Invenții:

G. Contracte de cercetare (menționați calitatea de director sau membru)

K. Participări la conferințe naționale și internaționale

Gergely Norbert: *Székelyföldi utazók vendéglégedettségének felmérése*, VIII. Éves Doktorandusz Fórum, 09.05.2025, Romania, Miercurea Ciuc

Gergely Norbert: *Gyorsjelentés a székelyföldi utazók vendéglégedettségéről*, Nemzetközi Doktorandusz Konferencia, 11.02.2025 – 12.02.2025, Ungaria, Debrecen

Gergely Norbert: *A romániai akadálymentes turizmus helyzete és az érintett célpiacon körülhatárolása statisztikai adatok segítségével*, VI. Interdiszciplináris Konferencia a Kárpát-Medencei Magyarság Társadalmi és Gazdasági Helyzetéről, 15.11.2024 – 16.11.2024, Romania, Odorheiu Secuiesc

Gergely Norbert: *A fenntarthatóság fontosságának vizsgálata a romániai turisztikai szálláshelyek körében*, VII. Éves Doktorandusz Fórum, 03.05.2024, Romania, Miercurea Ciuc

Gergely Norbert: *A turizmus iparágában végbemenő humánerőforrás átszerveződés az elmúlt évek távlatából, Erdély vonatkozásában*, Nemzetközi Doktorandusz Konferencia, 14.02.2024 – 14.02.2024, Ungaria, Debrecen

Gergely Norbert: *A look back ant the pandemic period, the reorganization of tourism offer in Szeklerland*, 16th Annual International Conference on Economics and Bussiness, CHALLENGES IN THE CARPATHIAN BASIN, 10.05.2023 – 12.05.2023, Romania, Miercurea Ciuc

Gergely Norbert: *Az erdélyi szálláshelyek piacának változása a Covid-19 járvány hatására*, New Trends and Challenges in Management Conference, 30.03.2023, Ungaria, Debrecen

III. RECUNOAȘTEREA

I. Premii, distincții.

-

J. Citări

Citări Google Scholar

Citări:

h-index=

Data

20.09.2025

Nume Prenume

Gergely Norbert

Lista de lucrări în domeniul de studii universitare de licență biologie

Numele și prenumele: *Mara Gyöngyvér*

A. Teza de doctorat

The Influence of the Habitat Type on the Bombina sp. populations in the Transylvanian Hybrid Zone: Genetic and Ecological aspects. 2006. Universitatea Babes-Bolyai, Cluj, p. 1-209.

B. Cărți și capitole de cărți

1. **Mara, Gy.** Genetic and Ecological aspects of Bombina Hybridization. Scientia Publishing House, Cluj Napoca, 2011, pp. 191
2. **Mara Gy.:** Biologie. Note de curs. Editura Cermi, Iași, 2014, pp.170, ISBN: 978-973-667-392-4
3. Laslo, É., György, É., Ábrahám, B., **Mara, Gy.** 2017, Bacterial Strains with Nutrient Mobilisation Ability from Ciuc Mountains (Transylvania Region, Romania), pp 531-548 in Singh D.P., Singh H.B. and Prabha R. eds. Plant-Microbe Interactions in Agro-Ecological Perspectives Volume 1: Fundamental Mechanisms, Methods and Functions, Springer, DOI 10.1007/978-981-10-5813-4
4. Abod É., Laslo É., Szentes S., Lányi S., **Mara Gy.** 2019, Plant Growth-Promoting Bacteria: Strategies to Improve Wheat Growth and Development Under Sustainable Agriculture. pp.1-17 in: Kumar A., Meena V. (eds) Plant Growth Promoting Rhizobacteria for Agricultural Sustainability. Springer, DOI 10.1007/978-981-13-7553-8_1
5. Laslo É., **Mara Gy.** 2019, Is PGPR an Alternative for NPK Fertilizers in Sustainable Agriculture?. In: Singh D., Gupta V., Prabha R. (eds) Microbial Interventions in Agriculture and Environment. Springer, Singapore, DOI 10.1007/978-981-13-8391-5_3
6. **Mara Gy.:** Bazele geneticii. Curs. Editura T3, Sfântu Gheorghe, 2022, pp. 139, ISBN: 978-606-95430-0-9
7. **Mara Gy.,** Becze A., Vincze É.B.: Fiziologie vegetală și animală. Îndrumar de laborator. Editura T3, Sfântu Gheorghe, 2022, pp.115, ISBN 978-606-95430-1-6
8. **Mara, Gy.,** Harsányi T.G., Fiziologie, Universitatea din Debrecen, 2024, pp. 99, ISBN 978-963-490-586-8

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Csörgő, A.-M., Schönswetter, P., **Mara, Gy.,** Deák, T., Boşcai, N., Höhn, M., Genetic structure of peripheral, island-like populations: a case study of *Saponaria bellidifolia* Sm. (Caryophyllaceae) from Southeastern Carpathians, Plant Syst. Evol., 2009, 278: 33-41. IF = 1.49
2. Tamás É., **Mara Gy.,** Laslo É., György É., Ábrahám B., Lányi Sz. Analysis of biofilm production, swarming and swimming motility of *Pseudomonas* strains. Studia Universitatis Babes Bolyai Seria Chemica, 2009, 2: 45-52. IF = 0.231
3. Laslo, É., György, É., **Mara, Gy.,** Tamás, É., Máthé, I., Ábrahám, B., Lányi, Sz. Applying microbial technology: solubilisation of inorganic phosphate and producing siderophore by isolated nitrogen fixing bacteria. Studia Universitatis Babes Bolyai Seria Chemica. 2009, 2: 53-60. IF = 0.231
4. György, É., **Mara, Gy.,** Máthé, I., Laslo, É., Albert B., Lányi Sz., Characterization and diversity of the nitrogen fixing microbiota from a specific grassland habitat in Ciuc Mountains, Romanian Biotechnological Letters, 2010, 15(4): 5473-5480. IF = 0.152
5. Szentes, S., **Mara, Gy.,** Máthé, I., Laslo, E., Lányi, Sz., Radu G.-L., Sociomicrobiological properties of antagonistic bacteria isolated from Borsáros Raised Bog. Studia Universitatis Babes Bolyai Seria Chemica. 2010, Special Issue: 135-142. IF = 0.231

6. Tamás É., **Mara Gy.**, Sipos, R., Mészáros, É., Márialigeti, K., Lányi, Sz. Detection of genes from soil bacteria with role in the organic nitrogen and phosphorus mobilization. *Studia Universitatis Babes Bolyai Seria Chemica*. 2010, Special Issue: 143-150. IF = 0.231
7. Laslo, É., György, É., **Mara, Gy.**, Szentes, S., András, Cs., Lányi, Sz. Phosphorus mobilization from different inorganic phosphates by bacteria proposed for biofertilizer. *Studia Universitatis Babes Bolyai Seria Chemica*. 2010, Special Issue: 89-100. IF = 0.231
8. Laslo, E., György, E., **Mara, Gy.**, Szentes, S., Salamon, R.V., András, Cs., Lányi, Sz. The management of N and P nutrition of plants using nitrogen fixing and phosphorus solubilizing bacteria. *Environmental Engineering and Management Journal*, 2012, Vol.11, No. 2, 371-375. IF = 1.435
9. Tamás, E., **Mara, Gy.**, Máthé, I., Laslo, E., György, E., Lányi, Sz. Isolation, characterization and identification of nitrogen and phosphorus mobilizing bacteria. *Environmental Engineering and Management Journal*, 2012, Vol.11, No. 3, 675-680. IF = 1.435
10. Laslo, E., György, E., **Mara, Gy.**, Tamás, E., Ábrahám, B., Lányi, Sz. Screening of plant growth promoting rhizobacteria as potential microbial Inoculants. *Crop Protection*, 2012, Vol. 40: 43-48, IF = 1,402.
11. Szentes, S., Radu, G.L., Laslo, E., Lányi, Sz, **Mara, Gy.** Selection and evaluation of potential biocontrol rhizobacteria from a raised bog environment. *Crop Protection*, 2013, Vol.52: 116-124. IF = 1,303.
12. Szentes, S., Laslo, E., Lányi, Sz, Radu, G-L, **Mara, Gy.** Indole-3-acetic acid producing bacteria and their effect on the growth of *Pisum sativum*. *Studia Universitatis Babes Bolyai Seria Chemica*. 2014, Vol.59, No. 2, 63-70, IF = 0.136.
13. Laslo Éva, **Mara Gyöngyvér**, Funkenhauzer Bernadett, Dobri Emőke, Salamon Rozália Veronika, Lányi Szabolcs, Ábrahám Beáta. Isolation and screening of lactic acid bacteria from naturally fermented sources with high biotechnological potential. *Studia Universitatis Babes Bolyai Seria Chemica*. 2015, Vol.60, No. 4, 95-106, IF = 0.191.
14. Éva Boglárka Vincze, Rozália Veronika Salamon, Erika Kovács, **Gyöngyvér Mara**, Effect of metal tolerant plant growth promoting rhizobacteria on bean growth, cadmium and zinc uptake and stress responses. *Environmental Engineering and Management Journal*, 2018, Vol.17, No. 4, 803-811, IF = 1.096.
15. Domokos E, Jakab-Farkas L, Darkó B, Bíró B, **Mara Gy**, Albert Cs and Balog A., Increase in Artemisia annua Plant Biomass Artemisinin Content and Guaiacol Peroxidase Activity Using the Arbuscular Mycorrhizal Fungus *Rhizophagus irregularis*. *Front. Plant Sci.*, 2018, 9: 478. doi: 10.3389/fpls.2018.00478, IF = 4.29
16. Benedek K., **Mara Gy.**, Mehrparvar M., Bálint J., Loxdale H.D., Balog A., Near-regular distribution of adult crimson tansy aphids, *Uroleucon tanacetii* (L.), increases aposematic signal honesty on different tansy plant chemotypes. *Biological Journal of the Linnean Society*, 2019, Vol. 126(2): 315-326. doi: 10.1093/biolinnean/bly180, IF = 2.53
17. Benedek, K., Bálint, J., Máthé, I., **Mara, Gy.**, Felföldi, T., Szabó, A., Fazakas, Cs., Albert, Cs., Buchkowski, R.W., Balog, A. Linking intraspecific variation in plant chemical defence with arthropod and soil bacterial community structure and N allocation. *Plant and Soil*, 2019, doi:10.1007/s11104-019-04284-7, IF = 3.25
18. Rápó, E.; Posta, K.; Csavdári, A.; Vincze, B.É.; **Mara, G.**; Kovács, G.; Haddidi, I.; Tonk, S. Performance Comparison of Eichhornia crassipes and Salvinia natans on Azo-Dye (Eriochrome Black T) Phytoremediation. *Crystals* 2020, 10, 565, IF = 2.404
19. Domokos, E.; Bíró-Janka, B.; Bálint, J.; Molnár, K.; Fazakas, C.; Jakab-Farkas, L.; Domokos, J.; Albert, C.; **Mara, G.**; Balog, A. Arbuscular Mycorrhizal Fungus Rhizophagus irregularis Influences Artemisia annua Plant Parameters and Artemisinin Content under Different Soil Types and Cultivation Methods. *Microorganisms* 2020, 8, 899., IF = 4.15
20. Becze, A., Vincze, É-B, Varga, H. M., **Mara Gy.** Effect of plant growth promoting rhizobacteria on Zea

mays development and growth under heavy metal and salt stress condition. Environmental Engineering and Management Journal, 2021, Vol.20, No. 4, 547-558, IF = 0.916.

21. Czont A.; Freyer, T; Bodor, Zs.; **Mara, Gy.**; Sándor, I.; Miklóssy, I. Position-based anthropometric characteristics and general physiological performance of national level, U18 ice hockey players. Vol. 9(1); p. 81-97, 2023. <https://doi.org/10.17979/sportis.2023.9.1.9200>. IF=0.49
22. Vincze, É.-B.; Becze, A.; Laslo, É.; **Mara, Gy.** Beneficial Soil Microbiomes and Their Potential Role in Plant Growth and Soil Fertility. Agriculture 2024, 14, 152. <https://doi.org/10.3390/agriculture14010152>. IF=3.6
23. Vincze, É.-B.; Becze, A.; Salamon, R.V.; Lányi, S.; **Mara, G.** Role of the *Pseudomonas koreensis* BB2.A.1 and *Serratia liquefaciens* BB2.1.1 Bacterial Strains in Maize Trace Metal Stress Management. Microorganisms 2024, 12, 1823. <https://doi.org/10.3390/microorganisms12091823>, IF=4.1
24. Iakab, M., Domokos, E., Buta, E., Fazakas, Cs., Ilonka, Zs., Albert, Cs., Orbán, Cs., **Mara, Gy.**, Dulf, F. V. Effect of *Rhizophagus irregularis* arbuscular-mycorrhizal fungus on bioactive compounds and growth parameters of two-years-old *Echinacea purpurea* plants, Industrial Crops and Products, 2025, 236, 122057, <https://doi.org/10.1016/j.indcrop.2025.122057>. IF=6.2

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

25. Ghira, I., Ujvárosy, L., **Mara, Gy.**: Trophical spectrum of *Rana ridibunda* and its importance in trophical web in the Crisul Repede/Sebes Körös rivers ecosystems, In: *The Cris/Körös Rivers' Valleys*, Ed. Tiscia: Szolnok-Szeged-Marosvásárhely, 1997. p. 361-366. ISBN: 9630495643. [Zoological Records].
26. **Mara, Gy.**, Ghira, I., Farkas, L.: A preliminary report on herpetofauna of upper and middle basin of Olt River, In: *Transylv. Rev. Syst. Ecol. Res.*, 1999 (1). p. 169-181. [Zoological Records].
27. Ghira, I., **Mara, Gy.**: Using of allelomorphic features in identifying of the two species belonging to the genus *Bombina* (Anura: Discoglossidae) from Transylvania, In: *Studia Universitatis Babes- Bolyai*, 2000. XLV, 1; p. 85-93. [Zoological Records].
28. **Mara Gy.**: Adatok a Széki tó Rezervátum (Kolozs megye) zoolpankton évszakos változásainak ismeretéhez, In: *Collegium Biologicum*, 2001. 3, p. 63-68. [Zoological Records].
29. Korsós, Z., **Mara, Gy.**, Traser, Gy.: A haragos síkló (*Coluber caspius* Gmelin 1789) meglepő előfordulása Magyarországon [A new record of *Coluber caspius* (Gmelin 1789) in Hungary], In: *Folia Historico-Naturalia Musei Matraensis*, 2000. p. 335-339. [Zoological Records].
30. **Mara, Gy.**: Major threats of amphibian and reptile species in the Transylvanian rivers' basins. Recommended monitoring methods, In: *Tiscia monograph series*, 2002. p. 199-204. ISBN: 9630495643[Zoological Records].
31. Demeter, L., **Mara, Gy.**: *Rana temporaria* Migration. In: *Herpetological Review*, 2006. 37 (2): p. 211. [Zoological Records].
32. Hartel, T., Nemes, Sz., **Mara Gy.**: Spatial and temporal dynamic of pond use by a hybrid fire-bellied toad population: the importance of pond availability and duration. In: *Acta Zoologica Lithuanica*. 2007. Vol. 17(1) p. 56-63. [Zoological Records].
33. **Mara, Gy.**, Ghira, I., Quantitative trait analysis of the *Bombina sp.* populations in the Transylvanian Hybrid Zone. *Herpetologica Romanica*. 2010 (4): 17-28. [Zoological Record, Index Copernicus Journal Master List].

34. Tamás É., **Mara Gy.**, Laslo É., György É., Máthé I., Ábrahám B., Lányi Sz., Alternative fertilizer method by microbial technology. II. Identification and characterization of nitrogen fixing bacteria, University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, ISSN 1454-233, 2010, 72(3): 137-144. [*Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts*].
35. Laslo É., György É., **Mara Gy.**, Lányi Sz., Effect of some environmental factors on selected bacteria isolated formicrobial inoculants. Buletin Stiințific al Universității de Nord din Baia Mare. Seria D. 2010. Volumul XXIV Nr.2. 47-52 [*EBSCO*].
36. Szentes, S., **Mara, Gy.**, Lányi, Sz., Radu, G-L., Isolation and characterization of antagonistic bacteria associated with bryophytes form Borsáros raised bog (Romania). Buletin Stiințific al Universității de Nord din Baia Mare. Seria D. 2010. Volumul XXIV Nr.2. 53-58 [*EBSCO*].
37. Laslo, É., György, É., Máthé, I., **Mara, Gy.**, Tamás É., Ábrahám B., Lányi, Sz., 2011, Replacement of the traditional fertilizer with microbial technology: isolation and characterization of beneficial nitrogen fixing rhizobacteria. University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science ISSN 1454-233, 2011, 73(1): 109-114. [*Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts*].
38. Gaspar, E., **Mara, Gy.**, Oprean, L., Lengyel, E., Iancu, R. Identification and isolation of yeast strains *Saccharomyces bayanus* from native source using molecular methods, Annals of the Romanian Society for Cell Biology, XVI (1), ISSN: 1583-6258, pg.286-291, 2011. [*Scopus, Ebsco, Index Copernicus Journal Master List*].
39. **Mara, Gy.** Reproductive success of the *Bombina* hybrids in a Transylvanian hybrid area. Scientific Annals of the Danube Delta Institute, 2011(17): 53-58. [*Index Copernicus Journal Master List*].
40. Szentes, S., **Mara, Gy.**, Tamás, É., Lányi, Sz., Radu, G.L., 2011, Preliminary data on Borsáros raised bog natural reserve Bryophyte associated bacteria. *University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science*, 73(4): 23-30. [*Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts*]
41. **Gyöngyvér Mara**, Annamária Becze, Orsolya Varga, Éva Laslo, Florin Oancea. Screening of Multifunctional Bacterial Inoculants with Lignocellulose Degradation Ability for Agricultural Applications. *Studia Universitatis "Vasile Goldiș", Seria Științele Vieții* Vol. 26 Issue 2, 2016, pp.225-233. [*Scopus, Ebsco*].
42. Nagy, K. Csomós, A., Dániel, B., **Mara Gy.** Energy drink consumption pattern and the effect of consumption on university students' blood pressure and heart rate. *Acta Univ. Sapientiae, Alimentaria*, 12 (2019) 104-119. DOI: 10.2478/ausal-2019-0008 [*Cabi, Ebsco*]
43. Becze, A., Vincze, E-B., Lányi, Sz., **Mara Gy.** Evaluation of structural carbohydrate degrading capacity of PGP bacterial strains using different methods. *University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science*, 2022, 84(1): 3-18. [*Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts*].
44. Ilkei, K-I, Jakab-Kodacz S., Mara Gy., How to feed your microbiome? The role of dietary fibres in shaping microbiome and host health. *ActA Univ. Sapientiae, Alimentaria*, 17 (2024) 101–119, DOI: 10.47745/ausal-2024-0006 [*Cabi, Ebsco*]

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale)

1. **Mara, Gy.**, Ghira, I., Nemes, Sz.: Hybridisation and hybrid zones in the two European *Bombina* species (Anura: Discoglossidae), In: *Evolution and Adaptation*, Ed. UBB Cluj-Napoca, 2000. T 6, p. 37-44.
2. Nemes, Sz., Ghira, I., **Mara, Gy.**: Foraging mode and its effects on the natural history of lizards, In: *Evolution and Adaptation*, Ed. UBB Cluj-Napoca, 2000. T 6, p. 30-35.
3. Ghira, I., Venczel, M., Covaciu-Marcov, S., **Mara, Gy.**, Ghile, P., Hartel, T., Torok, Zs., Farkas, L., Racz, L., Farkas, Z., Brad, T. Mapping of Transylvanian herpetofauna, In: *Nymphaea*, 2002. p. 145-204.

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

4. Náhlik, A., **Mara, Gy.**: Korabeli bizonyítékok a bölény Kárpát-medencei elterjedésére és kihalására [Contemporary evidence of the dispersal range and extinction of the European bison in the Carpathian basin], In: *Csíki Székely Múzeum Évkönyve, Természettudományok*, 2004. p. 455-461.
5. Demeter, L., **Mara Gy.**: A mocsári béka (*Rana arvalis*) elterjedésének térbeli mintázata és populációmérete a Csíki-medencében [The spatial distribution of the moor frog (*Rana arvalis*) in the Ciuc Basin], In: *Csíki Székely Múzeum Évkönyve, Természettudományok*, 2005. p. 439-450.
6. Szentes, S., **Mara Gy.**: Beltéri lakókörnyezetben előforduló penészgombafajok vizsgálata néhány csíkszeredai tömbházlakásban [A preliminary study of the indoor fungal contaminants from the houses in Miercurea Ciuc]. In: *Csíki Székely Múzeum Évkönyve, Természettudományok*, 2009. p. 233-239.
7. Demeter, L., Kelemen, A., **Mara, Gy.**: A gyepi béka (*Rana temporaria*) elterjedése, a populációk mérete és változásai a Csíki medencében [The distribution, population size and population changes of the common frog in the Ciuc basin]. *Csíki Székely Múzeum Évkönyve*, 2010. p. 473-480.
8. Tamás É., **Mara Gy.**, Lányi Sz., Baktériumokon alapuló talajjavító oltóanyagok [Obtaining bacterial biopreparates as soil fertilisers], *Csíki Székely Múzeum Évkönyve*, 2010: 543-552.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

9. **Mara, Gy.**, Demeter, L.: Habitat use of the frogs in an area rich in mineral waters, In: *Mineral Waters in the Carpathians Basin 2nd International Conference*, 2005. p. 117-122.
10. **Mara Gy.**: Evaluation of the nature conservation value in seven raised bogs in Gutâi Mountains: a herpetofaunistic point of view], In *Mócsy I., T. Neda (ed.) Környezettudományi Konferencia. [Environmental Science Conference]* 2006. p. 239-248
11. **Mara, Gy.**, Ábrahám, B., György, E., Miklóssy, I., Meszaros, I., Lányi Sz.: Possibilities of using molecular techniques in the evaluation of microorganisms involved in biocorrosion of resistance structures. In: *URB-CORR 2007. Study and Control of Corrosion in the Perspective of Sustainable Development of Urban Distribution Grids*. 2007. p. 156-158.
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72. É. B. Vincze, A. Bittsánszky, **Gy. Mara**, T. Kőmíves, 2017, Role of glutathione in the chemical stress-tolerance of plants, XIII. Environmental Science Conference from Carpathian Basin, 5-8 April, 2017, Cluj Napoca
73. **Mara Gy.**, Vincze E.B., Becze A., Albert, Cs.. The effect of PGP bacterial inoculation on the accumulation of heavy metals in crop plants 17th International Symposium and Summer School on Bioanalysis, 2–8 July 2017, Ohrid, Macedonia
74. Csilla Albert, Bodor, Zs., Bartos, H., **Mara, Gy.** Characterization of Lactic Acid Production using *Lactobacillus casei* B-26 Strain in Different Growth Conditions. 17th International Symposium and Summer School on Bioanalysis, 2–8 July 2017, Ohrid, Macedonia
75. Becze, A., Vincze, É. B., Péter T., Lányi, Sz., **Mara, Gy.** Evaluation of structural carbohydrate degrading capacity of PGP bacterial strains using different methods. 20th Romanian International Conference on Chemistry and Chemical Engineering Poiana Brasov, ROMANIA - September 6-9, 2017

76. Vincze, E.B., Becze, A., Albert, Cs., **Mara, Gy.** Uptake of Heavy Metals in Maize and Wheat Plants in Presence of Plant Growth Promoting (PGP) Bacteria. 20th Romanian International Conference on Chemistry and Chemical Engineering Poiana Brasov, ROMANIA - September 6-9, 2017
77. Becze A., Vincze É. B., Lányi Sz., **Mara Gy.**, Silage bacteria with plant growth promoting potential on maize and wheat growth and development, XXIII International Conference of Chemistry, Deva, 25-28. October 2017.
78. Vincze É.B., Albert Cs., Mara Gy. The effect of *Mitsuaria chinosanitabida* on the growth of maize in presence of two heavy metals (in hungarian). Conferința XII. Szent-Györgyi Albert, 20-12 aprilie 2018. Budapesta
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81. Vincze É.B, Becze A., Varga H.M., **Mara Gy.** Studying plant growth promoting traits of bacterial isolates in the presence of heavy metals. 15th Carpathian Basin Conference for Environmental Sciences, 3-6 April 2019, Cluj-Napoca.
82. Becze A., Vincze É.B., Varga H.M., **Mara Gy.**, studying plant growth promoting traits of bacterial isolates in presence the of different salt concentrations. 15th Carpathian Basin Conference for Environmental Sciences, 3-6 April 2019, Cluj-Napoca.
83. Vincze É.B, Becze A., Varga H.M., **Mara Gy.** Effect of heavy metal and salt tolerant pgpr on early stage of development of plants under stress conditions. 10th International Conference on Environmental Engineering and Management, 18-21 September 2019, Iasi, Romania.
84. **Mara Gy.**, Varga H.M., Becze A., Vincze É.B. role of plant growth promoting rhizobacteria in plant development and growth under stress condition. 10th International Conference on Environmental Engineering and Management, 18-21 September 2019, Iasi, Romania.
85. Becze A., Vincze É.B., **Mara Gy.** Novel salt tolerant bacterial strains with plant growth promoting (PGPR) potential isolated from saline soils. 5th International Conference on Chemical Engineering, 28-30 October 2020, Iasi, Romania.
86. Vincze É.B., Becze A., **Mara Gy.** Novel heavy metal tolerant bacterial strains with PGPR potential, isolated from heavy metal polluted soils. 5th International Conference on Chemical Engineering, 28-30 October 2020, Iasi, Romania.
87. Vincze É.B., Becze A., **Mara Gy.** Effect of heavy metal tolerant PGPR on development of maize plants under stress conditions. 16th Carpathian Basin Conference for Environmental Sciences, 30 March-1 April 2021, Budapest, Hungary.
88. Becze A., Vincze É.B., **Mara Gy.** Effect of PGPR bacterial strains on early stage of development of maize plants in the presence of salt stress. 16th Carpathian Basin Conference for Environmental Sciences, 30 March-1 April 2021, Budapest, Hungary.
89. **Mara, Gy.**, Becze, A., Vincze, É-B. Role of rhizobacteria in plant abiotic stress management, 18th Wellmann International Scientific Conference, 13th May 2021, Szeged, Hungary.
90. Becze A., Vincze É.B., **Mara Gy.** Characterization and effect of salt and heavy metal tolerant bacterial isolates on maize seed germination, XXIV. International Conference of Chemistry, 29th of October 2021, Cluj Napoca, Romania.
91. Vincze É.B., Becze A., **Mara Gy.** The effect of *Viridibacillus sp. (BP13)* and *Delftia acidovorans (BP12)* bacterial strains on heavy metal uptake of maize plants in the early developmental stage. XXIV. International Conference of Chemistry, 29th of October 2021, Cluj Napoca, Romania.
92. **Gyöngyvér Mara**, Annamária Becze, Éva-Boglárka Vincze, Pál Attila Salamon, A comparative study of MALDI-TOF-MS and 16S rDNA identification of PGPR bacteria. 20th International Symposium and Summer School on Bioanalysis June 24-30, 2022, Pécs, Hungary.
93. **Gyöngyvér Mara**, Emese-Éva Bálint, 'Labworm'- student competition. Summary of ten years, 10th International Symposium and Conference on Creative Education Technologies 2023, 14-22 April, 2023, University of Jyväskylä.
94. **Gyöngyvér Mara**, Annamária Becze, Éva-Boglárka Vincze, Klementina Imelda Ilkei, Csilla Albert, Quantification of bacterial secondary metabolites using bioanalytical methods. 21th International Symposium and Summer School on Bioanalysis, 10-14 July, 2023, Targu Mures

95. Klementina Imelda Ilkei, Csilla Albert, **Gyöngyvér Mara**, The role of dietary fiber and metformin in the production of short-chain fatty acids by two important intestinal bacteria. XXIX. International Conference of Chemistry, 25-28th of October 2023, Targu Mures, Romania
96. **Gyöngyvér Mara**, Klementina Imelda Ilkei, Jakab-Kodácz Stefánia, Salamon Pál, Strengths and limitations of MALDI-TOF MS in microbial identification. 22th International Symposium and Summer School on Bioanalysis, 7-12 July, 2024, Prague.
97. Klementina Imelda Ilkei, Jakab-Kodácz Stefánia, Salamon Pál, **Gyongyver Mara**, Optimization of sample preparation for bacterial identification with MALDI-TOF-MS. 22th International Symposium and Summer School on Bioanalysis, 7-12 July, 2024, Prague.
98. Jakab-Kodácz Stefánia, Klementina Imelda Ilkei, Csilla Albert, **Gyongyver Mara**, Microbial secondary metabolite detection from faecal samples with GC-MS. 22th International Symposium and Summer School on Bioanalysis, 7-12 July, 2024, Prague.
99. Klementina Imelda Ilkei, Jakab-Kodácz Stefánia, **Gyongyver Mara**, Microbiome composition in type 2 diabetic patients treated with insulin and metformin. XXX. International Conference of Chemistry, 23-26th of October 2024, Cluj Napoca, Romania.
100. Jakab-Kodácz Stefánia, Klementina Imelda Ilkei, Csilla Albert, Takátsy Anikó, **Gyongyver Mara**, Analysis of microbial secondary metabolites from fecal samples using GC-MS in diseased persons. XXX. International Conference of Chemistry, 23-26th of October 2024, Cluj Napoca, Romania.
101. **Gyongyver Mara**, Microbiomul uman: arta conviețuirii. Microbiomul – Conviețuirea cu o lume invizibilă, 21-23 februarie, 2025, Târgu-Mureș
102. Nagy Szidonia, **Gyongyver Mara**, Effect of phytohormone-producing, salt-tolerant bacterial isolates on maize plant growth. 20th Carpathian Basin Conference for Environmental Sciences, 2-5 April 2025, Cluj Napoca.
103. Joos Erika, **Gyongyver Mara**, The effect of seed (maize) priming on plant germination and initial development under abiotic stress conditions. 8th Conference on Horticulture and Landscape Architecture in Transylvania, 22-23 May, 2025, Targu Mures
104. Nagy Szidónia, Bálint Emese-Éva, **Gyongyver Mara**, The effect of phytohormone-producing, salt- and heavy metal-tolerant bacterial isolates on corn seed germination 8th Conference on Horticulture and Landscape Architecture in Transylvania, 22-23 May, 2025, Targu Mures
105. Klementina Imelda Ilkei, Erika Csato-Kovacs, Csilla Albert, Gyongyver Mara, Changes in the metabolite profile of type 2 diabetic patients according to gut microbiome composition. XXXIII. Sesiune Științifică a Secțiunii Științe Medicale și Farmaceutice, Asociația Muzeului Ardelean, Covasna.
106. Szidonia Nagy, **Gyongyver Mara**, Emese-Eva Balint. Impact of biopriming with phytohormone-producing bacteria on maize seed germination: – analytical characterization and bioefficacy assessment. 23rd International Symposium and Summer School on Bioanalysis, University of Zagreb Faculty of Science, Zagreb, July 6-15, 2025
107. E. Bálint, Sz. Nagy, **Gy. Mara**: Biomarkers and methods on analyzing the effect of priming on culture plants, 23rd International Symposium and Summer School on Bioanalysis, University of Zagreb Faculty of Science, Zagreb, July 6-15, 2025
108. Klementina Imelda Ilkei, Erika Csato-Kovacs, Csilla Albert, **Gyongyver Mara**, Gut microbiome structure and metabolic activity search for associations between microbiome and metabolite profile in type 2 diabetic patients. 23rd International Symposium and Summer School on Bioanalysis, University of Zagreb Faculty of Science, Zagreb, July 6-15, 2025
109. **Gyongyver Mara**, Klementina Imelda Ilkei, Stefania Jakab Kodacz, Erika Csato-Kovacs, Csilla Albert, Assessing microbial contributions to metabolite variation in microbiome-metabolome association studies. 23rd International Symposium and Summer School on Bioanalysis, University of Zagreb Faculty of Science, Zagreb, July 6-15, 2025

III. RECUNOAȘTEREA

J. Citări

Citări Google Scholar

Citări: 747

h-index=15

Citări Scopus

Citări: 357

h-index=10

13. octombrie 2025.

Prof. Dr. Mara Gyöngyvér

LISTA DE LUCRĂRI

Numele și prenumele: **MÁTHÉ ISTVÁN**

A. Teza de doctorat.

Titlul: *Studiul faunistic și ecologic al Carabidelor (Coleoptera: Carabidae) din sectorul superior al Bazinului Olt.* 2007. Universitatea Babeș-Bolyai, Cluj-Napoca.

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

Máthé, I.: Studii asupra faunei de Carabidae (Coleoptera) din bazinul Oltului Superior. Editura Scientia, Cluj Napoca, 2012, 234 p., ISBN: 978-973-1970-68-4

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

Máthé, I., Vörös, L. (eds). A gyorsan változó Szent Anna-tó. Erdélyi Múzeum Egyesület Kiadó, 2022, 112 pp. ISBN: 978-606-739-213-5

Máthé I., Szép S. Tudományos közlés és prezentálás – Útmutató biomérnöki hallgatók számára (Comunicare și prezentare științifică – Ghid pentru studenții la bioinginerie. Editura Scientia Kiadó, 2024, 118 pp. ISBN: 978-606-975-090-2

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

B5. Capitole de cărți publicate în străinătate

1. Magyari, K.E., Vincze, I., Tóth, M., Hubay, K., Veres, D., Haliuc, A., Molnár, M., Jakab, G., Braun, M., Schäbitz, F., **Máthé, I.**, Buczkó, K. Palaeoenvironmental changes during the last glacial period in the Ciomadul Hills. Ciomadul (Csomád). In Karátson, D., Veres, D., Gertisser, R., Magyari, K.E., Jánosi, Cs., Hambach, U. (eds.). *Ciomadul (Csomád), the youngest volcano in the Carpathians*, Springer International, 2022, pp. 145-158, ISBN: 978-303-089-139-8
2. Buczkó, K., Korponai, J., **Máthé, I.**, Jakab, G., Tóth, M., Braun, M., Ács, É., Karátson, D., Magyari, K.E. Limnological Changes in Lake Sf. Ana. Ciomadul (Csomád). In Karátson, D., Veres, D., Gertisser, R., Magyari, K.E., Jánosi, Cs., Hambach, U. (eds.). *Ciomadul (Csomád), the youngest volcano in the Carpathians*, Springer International, 2022, pp. 159-174, ISBN: 978-303-089-139-8

B6. Capitole de cărți publicate în țară

1. Magyari, K.E., Vincze, I., Tóth, M., Hubay, K., Veres, D., Haliuc, A., Molnár, M., Jakab, G., Braun, M., Schäbitz, F., Máthé, I., Buczkó, K.: Őskörnyezeti változások a csomád-hegycsoportban az utolsó glaciálisban. In: Kárátson D. (editor): A Kárpátok legfiatalabb tűzhányója, a Csomád. Editura Tortoma, 2023, pp. 143-156, ISBN: 978-606-9716-47-2
2. Buczkó, K., Korponai, J., Máthé, I., Jakab, G., Tóth, M., Braun, M., Ács, É., Karátson, D., Magyari, K.E.: A Szent Anna-kráter tavi-lápi fejlődéstörténete. In: Kárátson D. (editor): A Kárpátok legfiatalabb tűzhányója, a Csomád. Editura Tortoma, 2023, pp. 157-170, ISBN: 978-606-9716-47-2

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. **Máthé, I.** Forest edge and carabid diversity in a Carpathian beech forest. *Community Ecology*, 7, 2006, 1, 91-97, 2006. (IF: 0,4)
2. Laslo, É., György, É., Mara, Gy., Tamás, É., **Máthé, I.**, Ábrahám, B., Lányi, Sz.: Applied microbial technology: solubilization of inorganic phosphate and producing siderophore by isolated nitrogen fixing bacteria. *Studia Universitatis Babes-Bolyai, Seria Chemia*, 54, Special Issue 2, 2009, 53-60. (IF: 0,086).
3. **Máthé, I.**, Tánácsics, A., György, É., Pohner, Zs., Vladár, P., Székely, A., Márialigeti, K.: Investigation of mineral water springs of Miercurea Ciuc (Csíkszereda) region (Romania) with cultivation-dependent microbiological methods. *Acta Microbiologica et Immunologica Hungarica* 57, 2010, 2, 109-122. (IF: 0,625)
4. Szentes, S., Mara, Gy., **Máthé, I.**, Laslo, É., Lányi, Sz., Radu, G.L.: Sociomicrobiological properties of antagonistic bacteria isolated from Borsáros Raised Bog. *Studia Universitatis Babes-Bolyai, Seria Chemia*, 55, Special Issue 2010, 135-142. (IF: 0,231)
5. György, É., Mara, Gy., **Máthé, I.**, Laslo, É., Márialigeti, K., Albert, B., Lányi, Sz., Oancea, F.: Characterization and diversity of the nitrogen fixing microbiota from a specific grassland habitat in Ciuc Mountains. *Romanian Biotechnological Letters*, 15, 2010, 4, 5474-5481. (IF: 0,152)
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14. Tánácsics, A., Benedek, T., Farkas, M., **Máthé, I.**, Márialigeti, K., Szoboszlay, S., Kukolya, J., Kriszt, B. Sequence analysis of 16S rRNA, gyrB and catA genes and DNA–DNA hybridization reveal that *Rhodococcus jialingiae* is a later synonym of *Rhodococcus qingshengii*. *International Journal of Systematic and Evolutionary Microbiology*, 64, 2014, 1, 298-301. (IF: 2,112)
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20. Tánácsics, A., **Máthé, I.**, Benedek, T., Tóth, E. M., Atasayar, E., Spröer, C., Márialigeti, K., Felföldi, T., Kriszt, B. *Rhodococcus sovaticus* sp. nov., a novel actinomycete isolated from the hypersaline and heliothermal Lake Ursu (Sovata, Romania). *International Journal of Systematic and Evolutionary Microbiology*, 2017, 67, 2, 190-196. (IF=2,439)
21. Felföldi, T., Schumann, P., Mentés, A., Kéki, Zs., **Máthé, I.**, Tóth, E. M. *Caenimicrobium hargitense* gen. nov., sp. nov., a new member of the family Alcaligenaceae (Betaproteobacteria) isolated from activated sludge. *International Journal of Systematic and Evolutionary Microbiology*, 2017, 67, 3, 627-632 (IF=2,439)
22. Felföldi, T., Fikó, R.D., Mentés, A., Kovács, E., **Máthé, I.**, Schumann, P., Tóth, E. 2017. Description of *Quisquiliibacterium transsilvanicum* gen. nov., sp. nov., a new betaproteobacterium isolated from a waste-treating bioreactor. *International Journal of Systematic and Evolutionary Microbiology* 2017, 67, 11, 4742-4746 (IF: 2,134)
23. **Máthé I.**, Tóth E., Mentés A., Szabó A., Márialigeti K., Schumann P., Felföldi T. A new *Rhizobium* species isolated from the water of a crater lake, description of *Rhizobium aquaticum* sp. nov. *Antonie Van Leeuwenhoek*, 111, 2018, 11, 2175-2183 (IF=1.588)
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- new rosette-forming bacterium isolated from a freshwater crater lake (Lake St. Ana, Romania)*. Int J Syst Evol Microbiol. 2019 Jun;69(6):1731-1736. (IF: 2.166)
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 26. Benedek, K., Bálint, J. **Máthé, I.**, Mara, Gy., Felföldi, T., Szabó, A., Fazakas, Cs., Albert, Cs., Buchkowski, R.W. Schmitz, O.J., Balog, A. 27. Linking intraspecific variation in plant chemical defence with arthropod and soil bacterial community structure and N allocation. *Plant and Soil*, 444, 2019, 1-2, 383-397. (IF: 3.259)
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 33. Noémi Borbély, Orsolya Székely, Bea Szeifert, Dániel Gerber, **István Máthé**, Elek Benkő, Balázs Gusztáv Mende, Balázs Egyed, Horolma Pamjav, Anna Szécsényi-Nagy 2023. High Coverage Mitogenomes and Y-Chromosomal Typing Reveal Ancient Lineages in the Modern-Day Székely Population in Romania. *Genes* 14(1):133. doi: 10.3390/genes14010133. (IF=4.141)
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D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

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26.09.2025.

Semnătura,

Lista de lucrări

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Mátyás László, Termodinamika (Termodinamică), Kolozsvári Egyetemi Kiadó - Presa Universitară Clujeană, Cluj-Napoca, 2020, nr total de pagini 172, ISBN 978-606-37-0761-2 .

Capitole de cărți publicate în străinătate

I.F. Barna and L. Mátyás

Understanding the Schrödinger Equation: Some [Non]Linear Perspectives

Editor: Valentino Simpao and Hunter Little

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Self-similar and Travelling-Wave Analysis of the Madelung Equations Obtained from the Free Schrödinger Equation (capitol) pp. 182 – 223.

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28. Mahmoud Saleh, Endre Kovács, Imre Ferenc Barna, and László Mátyás, New analytical results and comparison of 14 numerical schemes for the diffusion equation with space-dependent diffusion coefficient, *Mathematics* **10**, 2022, 2813, pp.1-28.
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33. Humam Kareem Jalghaf, Endre Kovács, Imre Ferenc Barna and László Mátyás, Analytical Solution and Numerical Simulation of Heat Transfer in Cylindrical- and Spherical-Shaped Bodies, *Computation* **11**, 2023, 131, pp. 1-21.
34. Imre Ferenc Barna and László Mátyás, Diffusion Cascades and Mutually Coupled Diffusion Processes, *Mathematics* **12**, 2024, 3298, pp. 1-12.
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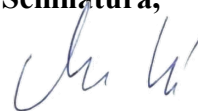
Lucrări științifice publicate în volumele manifestărilor științifice

László Mátyás, Az ásványvízben előforduló buborékképződésről (Despre formarea bulelor în apa minerală), *Apele Minerale din Regiunea Carpatică*, A V-a Conferință Științifică Internațională, Editor: Máthé István, Székely Gabriella, Miercurea Ciuc, 2008, 131-134.

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Data: 10.10.2025

Semnătura,



Nume Prenume: **MIKLÓSSY ILDIKÓ**

Gradul didactic: Conferențiar

Instituția unde este titular: Universitatea Sapientia

Facultatea de Științe Economice, Socio-Umane și Inginerești din Miercurea Ciuc

Departamentul Bioinginerie

LISTA DE PUBLICAȚII

A. Teza de doctorat.

“Reproiectarea specificității enzimatică a unor proteaze în vederea obținerii unor proprietăți specifice”

Conducător de doctorat: Prof. dr. ing. Lányi Szabolcs

Universitatea POLITEHNICA din București

Facultatea de Chimie Aplicată și Știința Materialelor

B. Cărți publicate

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

1. Bálint Emese-Éva, Csató-Kovács Erika, **Miklóssy Ildikó**: Molekuláris technikák, Gyakorlati jegyzet mérnök hallgatóknak (Tehnici moleculare, Îndrumar de laborator pentru studenți de inginerie), Editura T3, Sfântu Gheorghe, 2022, ISBN 978-606-95430-2-63, 146 pagini.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

1. Szép Sándor, Salamon Rozália Veronika, Máthé István, Miklóssy Ildikó: Îndrumar pentru elaborarea lucrării de diplomă. (2022).
https://drive.google.com/drive/folders/1F61fQiQLygC2xYG92_AVGzyNnaJmxF8l?usp=sharing

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. David, F., Salamon, P., Bodor, Z., **Miklossy, I.**, Orban, C., Albert, B., *Relationship between physical condition and academic performance in rural Romanian schoolchildren*. Sportis: Sportis Scientific Journal of School Sport Physical Education and Psychomotricity, 2025, 11(1), 10.
2. Farkas, G., Mahdaouy, Z. E., Babszky, G., Jokai, M., Torma, F., Gu, Y., Pinho, R., **Miklossy, I.**, Gordevicius, J., Benczúr, A., *Associations of epigenetic aging and COVID-19: A 3-year longitudinal study*. GeroScience, 2025, 47, 4889–4898.
<https://doi.org/10.1007/s11357-025-01635-4>
3. Zhou, L., Mozaffaritarab, S., Koltai, E., Giannopoulou, S., Kolonics, A., Gu, Y., Pinho, R. A., **Miklossy, I.**, Boldogh, I., Radák, Z., *Consecutive skeletal muscle PGC-1α overexpression: A double-edged sword for mitochondrial health in the aging brain*. Biochimica et Biophysica Acta (BBA)-Molecular Basis of Disease, 2025, 1871(6), 167851.
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 21. Ábrahám, B., **Miklóssy, I.**, Kovács, E., Tamás, É., Mészáros, I., Szilveszter, Sz., Brezeanu, A., Lányi, Sz., *Genetic Analysis of Pinus sylvestris L. and Pinus sylvestris forma turfosa L. Using RAPD Markers*, *Notulae Scientia Biologicae*, 2, 1 129-132, 2010
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 26. Kovács, E., Szabó, M., **Miklóssy, I.**, Szilágyi, L., Ábrahám, B., Lányi, Sz., *Purification and cleaving of the human GITRL expressed as fusion protein*, *Studia Universitatis Babes Bolyai Seria Chemica*, 55, Special Issue 81-88., 2010.
 27. Szilveszter, Sz., Ráduly, B., **Miklóssy, I.**, Ábrahám, B., Lányi, Sz., Robescu N.D., *Lab scale sequencing batch reactor (sbr) construction and characterization for dynamic modeling with activated sludge model (ASM)*. *Studia Universitatis Babes-Bolyai Seria Chemia*, Vol. 55 Special Issue, pp 119-133, 2010.
 28. Both, E., Kibédi Szabó, Cs. Z., György, É., Tamás, É., **Miklóssy, I.**, Ábrahám, B., Lányi, Sz., *Verification of Probiotic Bacterial Properties: Tolerance to Digestive Juices and Adhesion to Epithelial Cells of Lactobacillus acidophilus La-5 and Lactobacillus casei 01*,

- Studia Universitatis “Babeş Bolyai”, Seria Chemica, Special Issue 2 , p. 27, ISSN 1224-7154, 2009.
29. Kovács, E., Pálfi, M., **Miklóssy, I.**, Szilágyi, L., Ábrahám, B., Lányi, Sz., *Construction of an Expression Vector for the GITRL Protein*, Studia Universitatis Babes Bolyai Seria Chemica, 54, Special Issue 2 : 83-92, 2009.
 30. **Miklóssy, I.**, Szilágyi, L., Ábrahám, B., Szilveszter, Sz., Lányi, Sz. *Obtention of the Ancestral Proteinase Stemzyme-IDP- β by Heterologous Expression*, Studia Universitatis “Babeş Bolyai”, Seria Chemica, Special Issue 2, p. 11, ISSN 1224-7154, 2009.
 31. Pálfi, M., Kovács, E., **Miklóssy, I.**, Szilágyi, L., Ábrahám, B., Lányi, Sz., *Engineered Green Fluorescent Protein as a Potential Metal Sensor*, Studia Universitatis “Babeş Bolyai”, Seria Chemica, 54, Special Issue 2 35-44., 2009.
 32. Szilveszter, Sz., Ráduly, B., **Miklóssy, I.**, Ábrahám, B., Lányi, Sz., D. R. Nicolae, *Enzymatic Activity Studies of Biological Wastewater Treatment*, Studia Universitatis “Babeş Bolyai”, Seria Chemica, Special Issue 2, p. 113, ISSN 1224-7154, 2009.

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

1. Bálint, E., Szilágyi, L., **Miklóssy, I.**, Lányi, Sz., Ábrahám, B., *Design of secretion vector constructs for Granzyme H expression*. UPB Scientific Bulletin Series B: Chemistry and Materials Science, ISSN 1454-2331, 74(1), 2012, Inspec, Scopus, Cambridge Scientific Abstracts.
2. Both, E., György, É., Kibédi Szabó, CS. Z., Tamás, É., Ábrahám, B., **Miklóssy, I.**, Lányi, Sz. *Acid and bile tolerance, adhesion to epithelial cells of probiotic microorganisms*, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science, 72(2), ISSN 1454-233, 2010. (Inspec, Scopus, Cambridge Scientific Abstracts)
3. Pálfi, M., Kovács, E., Szilágyi, L., **Miklóssy, I.**, Ábrahám, B., Lányi, Sz., *Fluorescence quenching analysis of histidine-tagged enhanced green fluorescent protein*, UPB Scientific Bulletin Series B: Chemistry and Materials Science, 72, 2, 45-52, 2010. Inspec, Scopus, Cambridge Scientific Abstracts.
4. Szilágyi, L., Ábrahám, B., **Miklóssy, I.**, Szilveszter, Sz., Gálicza, J., Lányi, Sz., *Modeling studies on the ancestral proteinase stemzyme IDP-B*, University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, 72, 2, 161-168, 2010, Inspec, Scopus, Cambridge Scientific Abstracts.
5. Szilveszter, Sz., **Miklóssy, I.**, Mészáros, S., Ábrahám, B., Ráduly, B., Robescu, D. N., Lányi, Sz., *Enzyme activities and distribution in activated sludge in a lab-scale sequencing batch reactor (SBR)*, University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, 72, 2, 141-150, 2010, Inspec, Scopus, Cambridge Scientific Abstracts.

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

1. Kovács E., Szabó M., Szilágyi L., Miklóssy I., Ábrahám B., Lányi Sz., A humán GITRL heterológ expressziója bakteriális rendszerben, Műszaki Szemle, 52 , 21-27.2010
2. Szabó M., Kovács E., Szilágyi L., Miklóssy I., Ábrahám B., Lányi Sz., Zöld fluoreszcens fehérje irányított mutagenézise és a mutáció hatásának vizsgálata, Műszaki Szemle, 52 , 44-50, 2010
3. Pálfi M., Kovács E., Szilágyi L., Miklóssy I., Ábrahám B., Lányi Sz., Egy „világító” fehérje alkalmazási lehetőségei a környezeti biomonitoringban, Csíki Székely Múzeum Évkönyve, 517-522, 2010.
4. Kovács, E., Szabó, M., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., A humán GITRL heterológ expressziója bakteriális rendszerben, Műszaki Szemle, 52 21-27, 2010.

G. Contracte de cercetare (menționați calitatea de director sau membru)

Granturi/contracte de cercetare relevante:

1. Biosinteza unor compuși chimici cu valoare adăugată prin metode moderne de inginerie metabolică, Nr. contract de finanțare, 12/22/28.04.2015, Institutul Programelor de Cercetare, 2015/2016, Director proiect, perioada 2015-2016, valoare 40500 lei.
2. Apply participatory forest planning for sustainability: Robinwood Plus, InterregIVC, Responsabil proiect, perioada 2010-2013, valoare 602250 Eur.

Granturi/contracte de cercetare:

Programul/proiectul	Funcția	Perioada
Optimizarea moleculară a unei enzime centrale din calea metabolică a conversiei xilozei. Reactor optimizat pentru transformarea enzimatică a xilulozei rezultate din deseurile celulozice-OMEXIL, nr. Ctr.1/06.10.2005, program CEEEX	Cercetător/ specialist	2005- 2007
Cercetări privind creșterea siguranței alimentare prin utilizarea de procese neconvenționale de tratare termică a unor produse alimentare lichide- SIGMA, nr. Ctr.: 40/4.2006, program CEEEX	Cercetător/ specialist	2006- 2008
Impactul câmpurilor electromagnetice de natură antropică asupra ecosistemelor – ICEMECOS, nr. Ctr. X2C37/6/04.10.2006, program CEEEX	Cercetător/ specialist	2006- 2008
Rețea integrată de cercetare pentru constituirea unei platforme tehnologice de biomateriale avansate, compatibilă eumat – ADVABIOMAT, nr. Ctr. 54/20.07.2006, program CEEEX	Cercetător/ specialist	2006- 2008
Sistem informatic de monitorizare și control a stațiilor de epurare a apelor uzate prin utilizarea sistemelor distribuite multi-agent și a unor algoritmi avansați de reglare automată- AICSYS, nr. Ctr.: 30/2007, program INOVARE	Cercetător/ specialist	2007- 2009
Aplicarea tehnologiilor de preepurare a apelor uzate în rețeaua de canalizare- ATARC, nr. Ctr.: 25/2007, program INOVARE	Cercetător/ specialist	2007- 2009
Conceperea, realizarea și experimentarea unui sistem performant de transfer a oxigenului în reactoare biologice aerate-TEOFIT, nr. Ctr.: 21/2007, program INOVARE	Cercetător/ specialist	2007- 2009

Cresterea competitivitatii produselor lactate sinbiotice fabricate la sc lactis srl – odorheiu secuiesc prin imbunatatirea calitatii laptelui materie prima si optimizarea si dezvoltarea activitatii de marketing- SIMBIOMARK, nr. Ctr.: 98/2007, program INOVARE	Cercetător/ specialist	2007- 2009
Tehnologii inovative de fabricare a produselor lactate functionale in conditii de siguranta alimentara- INOVATEC, nr. Ctr.: 89/2007, program INOVARE	Cercetător/ specialist	2007- 2009
Tehnologii inovative de conservare si utilizare a bacteriilor lactice probiotice cu performante biotehnologice superioare pentru cresterea sigurantei alimentare- INCTEC, nr. Ctr.: 61-001, program PNCDI2	Cercetător/ specialist	2007- 2010
Cercetari interdisciplinare privind valorificarea energetica a subproduselor din industria laptelui-vespil, nr. Ctr: 31-096, program PNCDI2	Cercetător/ specialist	2007- 2010
Interactiibio/non-bio implicate in design-ul tesuturilor tari – INTESTA, nr. Ctr.: 41-059, program PNCDI2	Cercetător/ specialist	2007- 2010
Reproiectarea specificitatii enzimactice prin evolutie dirijata:elaborarea unei serin proteaze specifice pentru clivarea c terminala a fosfotirozinei- PHOSPHOTYRASE- nr. Ctr.: 61-027, program PNCDI2	Cercetător/ specialist	2007- 2010
Tehnologii pentru producerea de alimente cu continut optim de seleniu- TOPAS, nr. Ctr. 61-022, program PNCDI2	Cercetător/ specialist	2007- 2010
Inoculanti microbieni pentru sisteme de agricultura durabila- MIMOSA, nr. Ctr. 31-048, program PNCDI2	Cercetător/ specialist	2007- 2010
Programul 4 PNCDI2/ Procedeu de obtinere de bioetanol din deseuri Agroalimentare Tratate cu Enzime Termostabile Recombinante, Obtinute prin Expresie Heterologa Extracelulara – Bio-desenex, nr. Ctr. 62-090/2008	Cercetător/ specialist	2008- 2011
Programul 4 PNCDI2/ Elucidarea mecanismului de Reglare Fină a Răspunsului Imun în Patologia Neoplazică și Inflamatorie Umană în vederea Elaborării unor Terapii Inovative – ERIC, nr. Ctr. 42-147/2008	Cercetător/ specialist	2008- 2011
Programul 4 PNCDI2/ Sistem bioinformatic bazat pe inteligența artificială pentru monitorizarea sistemului imunitar în corelație cu procesele metabolice din organismul uman- MONIMUN, nr. Ctr. 62-073/2008	Cercetător/ specialist	2008- 2011
Programul POS CCE/O.211 Biopreparate microbiene pentru creșterea productivității și protecția culturilor agricole – BIOPREP, nr. Ctr. 169/16.06.2010, ctr. Part. 323/08.06.2010	Cercetător/ specialist	2010- 2012
Programul PNII/ PCCA 2/Synthesis of some C4, C5 carboxylic acid building block chemicals from renewable biomass resources-BIOBUILD, nr. Ctr. 31/2012	Cercetător/ specialist	2012- 2016
Programul POS CCE/ O.211 Biopreparate microbiene pentru creșterea calitatii furajelor insilozate- SILOPREP, ctr. Nr. 565/09.09.2013, ctr. Part. 416.4/05.08.2013	Cercetător/ specialist	2013- 2015
Programul 4 PNCDI2/ Controlul funcțiilor celulelor dendritice cu semnale anti-inflamatoare și de moarte celulară-DCFANS, ctr. Nr. 119/2014	Cercetător/ director interimar	2014- 2016
Programul 4 PNCDI2/ Ingineria metabolică la Escherichia coli pentru obținerea 1,4-butandiolului din glucoză și glicerină și conversia catalitică a acestuia la compuși cu valoare adăugată-METABCHEM, ctr. Nr. 44/2014	Cercetător/ specialist	2014- 2016

Programul 4 PNCDI2/ Managementul complex al resturilor vegetale în sistemele de agricultură conservativă CERES, ctr. Nr. 159/2014	Cercetător/ specialist	2014- 2016
Elaborarea planului de management integrat al siturilor Natura 2000 Muntii Ciucului ROSCI0323 și Depresiunea și Muntii Ciucului ROSPA0034, Contract de finanțare 177/31.05.2018, POIM 2014-2020	Asistent manager	2017- 2022
SPARKS, Rethinking innovation together. Grant Agreement number: 665825, Horizon2020,	Cercetător/ specialist	2017- 2019
Inspires “Ingenious Science shops to promote Participatory Innovation, Research and Equity in Science	Cercetător/ specialist	2019 - 2020

III. RECUNOAȘTEREA

J. Citări

240 citări

H-index 7

<https://scholar.google.com/citations?user=HgXptNcAAAAJ&hl=en>

RG profile: <https://www.researchgate.net/profile/Ildiko-Miklossy>

Reviewer: Romanian Biotechnology Letters, Journal of Agricultural and Food Chemistry, Journal of Biomolecular Structure and Dynamics, Microbial Cell Factories

Data,
02.10.2025

Semnătura,

Lista de lucrări în domeniul de studii universitare de licență

Numele și prenumele: **Orbán Kálmán Csongor**

A. Teza de doctorat

Contribuții la optimizarea și modelarea proceselor de amiloliză cu enzime recombinante, Conducător științific Prof. dr. ing. Lányi Szabolcs, Universitatea Politehnica din București, Facultatea de Chimie Aplicată și Știința Materialelor, Departamentul Chimie Analitică și Ingineria Mediului.

B. Cărți și capitole de cărți

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

1. Orbán Kálmán-Csongor, Contributions to the OPT and modeling of amylolysis with REC enzymes, LAP LAMBERT Academic Publishing, Chisinau, 2013, p.120, ISBN 978-3-659-37846-1

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

1. Orbán Kálmán-Csongor, Számítógépes grafika – AutoCAD, 2022, p. 97, ISBN: 978-973-0-36554-2

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

2025

1. Dávid Filoména, Salamon Pál, Bodor Zsolt, Miklóssy Ildikó, Orbán Csongor, Albert Beáta, *Relationship between physical condition and academic performance in rural Romanian schoolchildren*, Sportis Sci J, 11 (1), 1-25, <https://doi.org/10.17979/sportis.2025.11.1.11205>.

2024

2. Csató-Kovács E, Salamon P, Fikó-László S, Kovács K, Koka A, András-Korodi M, Antal E, Brumă E, Tórsök B, Gudor S, Miklóssy I, **Orbán KC**, Albert C, Bálint EÉ, Albert B. *Development of a Mammalian Cell Line for Stable Production of Anti-PD-1*. Antibodies (Basel). 2024 Oct 3;13(4):82. doi: 10.3390/antib13040082. PMID: 39449324; PMCID: PMC11503334.
3. Martin Iakab, Erzsébet Domokos, Csaba Fazakas, Béla Biró-Janka, László Fodorpatáki, Csilla Albert, **Csongor Orbán**, Francisc Vasile Dulf, *Changes induced by vesicular-arbuscular fungus Rhizophagus irregularis in aerial parts of Echinacea purpurea*, Scientia Horticulturae, Volume 328, 2024, 112922, ISSN 0304-4238, <https://doi.org/10.1016/j.scienta.2024.112922>.
4. Bodor K, Tamási B, Keresztesi Á, Bodor Z, **Csongor Orbán K**, Szép R. *A comparative analysis of the nutritional composition of several dairy products in the Romanian market*. Heliyon. 2024 May 22;10(11):e31513. doi: 10.1016/j.heliyon.2024.e31513. PMID: 38841466; PMCID: PMC11152709.

2023

5. Fodor Hunor Pál, Dávid Hunor, Czont Attila, Miklóssy Ildikó, **Orbán Kálmán-Csongor**, Tar Gyöngyvér, Fodor Abony, Kovács Zita, Albert Beáta, Salamon Pál, *Enhanced Gait Recovery in Chronic Post-COVID-19 Stroke: The Role of Combined Physical Rehabilitation*, MDPI Reports 2023, 6, 51. <https://doi.org/10.3390/reports6040051>

2022

6. Salamon Pál, **Orbán Kálmán-Csongor**, Molnár-Nagy Katalin, Kovács Zita, Klára Váncs, Bálint Emese, Miklóssy Ildikó, Albert Beáta, Tar Gyöngyvér, Lányi Szabolcs, *Study of native SMAC protein production in the pUbiq expression system: Molecular cloning, biosynthesis and molecular modelling*, EJB, Vol. 56, 2022, p. 39-46, <https://doi.org/10.1016/j.ejbt.2022.01.002>

2021

7. Katalin Nagy, Zita Kovács, Ildikó Miklóssy, Pál Salamon, **Csongor-Kálmán Orbán**, Beáta Albert, Szabolcs Lányi, *Detergent aided refolding and purification of recombinant XIAP from inclusion bodies*, Studia UBB Chemia, LXVI, 4, 2021, p. 355-368, DOI:10.24193/subbchem.2021.4.26
8. Szövérfi János, **Orbán Kálmán-Csongor**, Albert Beáta, Nagy Katalin, Salamon Pál, Lányi Szabolcs, *In vitro study of the CCMV capsid protein: cloning, expression, and purification*, UPB Sci. Bull, Series B, Vol. 83, Iss.1, 2021

2019

9. Nagy Katalin, **Orbán Kálmán-Csongor**, Albert Beáta, Lányi Szabolcs, *Biosynthesis BIR3 domain of inhibitor of apoptosis proteins*, UPB Sci. Bull., series B81: 4 pp. 1454-2331, 878p.
10. Katalin Nagy, Zita Kovács, Pál Salamon, **Csongor-Kálmán Orbán**, Szabolcs Lányi, Beáta Albert, *Enhanced heterologous expression in E. Coli*, Studia Universitatis Babes-Bolyai, Seria Chemia LXIV, 2, Tom I, 2019, p. 101-110, DOI:10.24193/subbchem.2019.2.09

2018

11. Francisc-Andrei Boda, Salamon Pál, **Csongor Orbán**, Lavinia Berta Augustin Curticöpean, Şerban-Andrei Gâz, Maria Dogaru, *Heterologous expression and purification of recombinant crotoxin B, the phospholipase A2 subunit of crotoxin*, Studia UBB Chemia, LXII, 1, 7-20, DOI: 10.24193/subbchem.2018.1.01, 2018 (IF: 0.244)

2017

12. Stefan-Ovidiu Dima, Denis-Mihaela Panaitescu, **Csongor Orbán**, Marius Ghiurea, Sanda-Maria Doncea, Radu Fierascu, Cristina Nistor, Elvira Alexandrescu, Cristian-Andi Nicolae, Bogdan Trică, Angela Moraru, Florin Oancea: *Bacterial Nanocellulose from Side-Streams of Kombucha Beverages Production: Preparation and Physical-Chemical Properties*, Polymers 2017, 9 (8), 374, ISSN 2073-4360, DOI:10.3390/polym9080374, 2017 (IF:4.33)
13. Pál Salamon, Ildikó Miklóssy, Beáta Albert, Mónika Korodi, Katalin Nagy, Ildikó Bakos, Szabolcs Lányi, **Csongor Orbán**, 2017, *Heterologous expression and purification of recombinant proapoptotic human protein SMAC/diablo with EGFP as fusion partner*, Studia Universitatis Babes-Bolyai, Seria Chemia LXII,2, 333-34, ISSN 1224-7154, DOI:10.24193/subbchem.2017.2.26, 2017 (IF:0.244)

2016

14. Miklóssy, I., Bodor, Z., Sinkler, R., **Orbán, K. C.**, Lányi, S., Albert, B.: *In silico and in vivo stability analysis of a heterologous biosynthetic pathway for 1,4-butanediol production in metabolically engineered E. coli.*, Journal of Biomolecular Structure and Dynamics, 35(9), 1874-1889, ISSN DOI:10.1080/07391102.2016.1198721, 2016 (IF: 3.123)

2013

15. Bálint, E.É., Petres, J., Szilágyi, L., **Orbán, K.Cs.**, Ábrahám, B., *Fluorescence of a histidine-modified Enhanced Green Fluorescent Protein (EGFP) effectively quenched by copper(II) ions*. Journal of Fluorescence, ISSN 1573-4994, 2013, (IF: 2.107 , SRI: 1.373; EF: 0.006613; AI: 0.6153)

2012

16. Gálicza, J., Vargová, A., Sándor, V., **Orbán, K.Cs.**, András, Cs.D., Ábrahám, B., Lányi, Sz., Kilár, F., *Preparation and investigation of bioactive transferrin-iron complexes formed with different synergistic anions*, The Protein Journal, 31, 27–34, ISSN 1572-3887, 2012, (IF: 1.038, EF: 0.001445; AI: 0.27)

2010

17. Andras, CD; Csajagi, C; **Orban, CK**; Albert, C; Abraham, B.; Miklossy, I, *A possible explanation of the germicide effect of carbon dioxide in supercritical state based on molecular-biological evidence*. Medical Hypotheses, ISSN 0306-9877, 74 (2), pp. 325-329, 2010, (IF: 1.640; EF: 0.0127; AI: 0.3208)
18. Bodor, Zs., **Orbán, K.Cs.**, Miklóssy, I., Juhász K., Ábrahám, B., Lányi, Sz., *Heterologous expression of Bacillus Licheniformis α -amylase in Pichia pastoris*, Studia Universitatis “Babeş Bolyai”, Seria Chemica, 55, Special Issue 9-22, 2010 (I.F.=0.231, EF: 0.000525; AI: 0.0113)
19. Gálicza, J., **Orbán, K.Cs.**, Kilár, F., Miklóssy, I., Ábrahám, B., Lányi, Sz. *Preparation and modelling of the structure of transferrin-Fe³⁺-aziridine-carboxylate complex*, Studia Universitatis “Babeş Bolyai”, Seria Chemica, Special Issue 45-52, ISSN 1224-7154, 2010, (I.F.=0.231; EF: 0.000525; AI: 0.0113)

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

2021

1. Orbán Kálmán Csongor, Kis Éva, Albert Csilla, Molnos Éva, Antioxidant capacity of blackcurrant (*Ribes nigrum* L.) leaves and buds, Acta Univ. Sapientiae Alimentaria, 14, 2021, p. 117-130, indexat în: CAB Abstracts and Global Health, Google Scholar, Foodline Science
2. Szövérfi János, Csongor Kálmán Orbán, Beáta Albert, Katalin Nagy, Pál Salamon, Szabolcs Lányi, *In Vitro Study Of The Ccmv Capsid Protein: Cloning, Expression, And Purification*, U.P.B. Sci. Bull., Series B, Vol. 83, Iss. 1, 2021

2019

3. Nagy Katalin, Orbán Kálmán-Csongor, Albert Beáta, Lányi Szabolcs, Biosynthesis BIR3 domain of inhibitor of apoptosis proteins, UPB Sci. Bull., series B, 81, Iss. 4, 2019, p.15-22, indexat în: ISI Thomson Reuters, Ulrich's International Periodicals Directory, Inspec, Scopus, Cambridge Scientific Abstracts, Chemical Abstracts Service - Division Of American Chemical Society, Elsevier Sciences's Bibliographic Databases, Metals Abstracts, Engineering Village, Publication In Engineering, Metadex, Compendex

2013

4. Ábrahám, B., Orbán, K.Cs., Dima, R., Lányi, Sz., *Heterologous expression of pullulanase from Fervidobacterium pennivorans in E. coli*, UPB Scientific Bulletin Series B: Chemistry and Materials Science, U.P.B. Sci. Bull., Series B, Vol. 75, Iss. 2, 2013 ISSN 1454-2331, acceptat, 2012, Indexat în: SCOPUS, ELSEVIER SCIENCES'S BIBLIOGRAPHIC DATABASES, CAMBRIDGE SCIENTIFIC ABSTRACTS

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

1. Albert Csilla, András Csaba Dezső, **Orbán Kálmán Csongor**, Dormán György, Az indomethacin, mint lehetőség a COVID-19 kezelésében, Magyar Kémikusok Egyesülete, Vegyészkonferencia **2022**, p. 50, ISBN: 978-615-6018-11-3
2. **Orbán, Cs.**, András, Cs., Ábrahám, B., Lányi, Sz., *Determinarea concentrației glicerolului din mediu bacterian prin metode refractometrice*, Technical Review, ISSN 1454-0746, (Műszaki Szemle), **2012**.

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. MANAGEMENTUL COMPLEX AL RESTURILOR VEGETALE ÎN SISTEME DE AGRICULTURĂ CONSERVATIVĂ - CERES. Finanțat de UEFISCDI: PNIIPT-PCCA-2013-4-0846, 2013-2015. Cercetător (valoare totală: 2.931.255 RON)
2. BIOPREPARATE MICROBIENE PENTRU CREȘTEREA CALITĂȚII FURAJELOR ÎNSILOZATE – SILOPREP, POS – Operațiunea 2.1.1: Proiecte de CD în parteneriat între universități/institute de cercetare și întreprinderi, POSCEE No. 565/09.09.2013. Cercetător (valoare totală 3.317.000 RON)
3. SINTEZA UNOR CHIMICALE DE BAZA ACIZI CARBOXILICI C4, C5 DIN RESURSE REGENERABILE DIN BIOMASA – BIOBUILD. Finanțat de UEFISCDI: PN-II-PCCA-2011-3.2-1367, 2012-2016. Cercetător (valoare totală: 2.079.000 RON)
4. DEZVOLTAREA UNEI TEHNOLOGII DE PRODUCȚIE DE ANTICORPI MONOCLONALI LA SEDIUL FIRMEI SC CORAX-BIONER CEU SA. Finanțat de Ministerul Investițiilor și Proiectelor Europene, POC/163/1/3, cod SMIS 2014 121101, Director proiect (valoare totală: 15,987,516.45 RON)

K. Participări la conferințe naționale și internaționale

1. Emese-Éva Bálint, Csilla Albert, Emilia Bruma, Csongor Orbán, Beáta Albert, Study of the glycosylation profile of a nivolumab biosimilar with CE- LIF, 21st International Symposium and Summer School on Bioanalysis Universitatea de Medicină, Farmacie, Științe și Tehnologie "Gheorghe Emil Palade" din Târgu Mureș, România, 10-15 iulie, 2023
2. András Csaba Dezső, Albert Csilla, Orbán Csongor, Salamon Brigitta, Dormán György, Gyógyszer-Újrapozicionálás Lehetőségek Covid-19 Kezelésben, XXVII. International Conference On Chemistry, 2021
3. Dósa Álmos, Salamon Pál, Orbán Kálmán-Csongor, Boda Francisc Andrei, Antimicrobial Peptide Biosynthesis For The Development Of A Nanofiber-Based Wound Dressings, National Conference of Young Biotechnologists „FIBOK 2018”, 2018
4. Bakos Ildikó, Kékedy-Nagy László, Miklóssy Ildikó, Bodor Zsolt, Orbán KálmánCsongor, Lányi Szabolcs, GC-MS mérési módszer kidolgozása az 1,4-butándiol mikrobiológiai fermentléből való minőségi és mennyiségi meghatározására, XXII. International Conference On Chemistry, 2016
5. Bodor Zsolt, Ábrahám Beáta, Sinkler Réka, Lányi Szabolcs, Orbán Kálmán Csongor, Miklóssy Ildikó, Fermentation strategies for 1,4-butanediol production from bio-industry byproducts, 10th European Congress of Chemical Engineering, Nice, France, September 27-October 1, 2015
6. Bodor Zsolt, Miklóssy Ildikó, Sinkler Réka, Orbán Kálmán Csongor, Ábrahám Beáta, Lányi Szabolcs, Production possibilities of non-natural metabolites by genetic engineering, 20th International Conference on Chemistry, Sumuleu Ciuc, September 23-27, 2015
7. Sinkler Réka, Miklóssy Ildikó, Bodor Zsolt, Orbán Kámán Csongor, Lányi szabolcs, Ábrahám Beáta, Critical Integration of Glycerol into the Biodiesel Production Process, 19th Romanian International Conference on Chemistry and Chemical Engineering, Sibiu, September 2-5, 2015
8. Miklóssy Ildikó, Bodor Zsolt, Sinkler Réka, Orbán Kálmán Csongor, Ábrahám Beáta, Lányi Szabolcs, Contributions to Engineering a New Four-step Biosynthetic Pathway for 1,4-

Butanediol in *E.coli*, 20th International Conference on Chemistry, Cluj-Napoca 6-9 noiembrie, 2014

9. Orbán Kálmán Csongor, András Csaba, Salamon Rozália, Ábrahám Beáta, Lányi Szabolcs, Developing a cheap, online methanol sensor for *Pichia* fermentations, 18th International Conference on Chemistry, Baile Felix, 22-25 november, 2012
10. Orbán K. Csongor, Ábrahám Beáta, Crognale Silvia, Kovács Erika, Lányi Szabolcs, Identification and isolation of new amylase from halophilic *Photobacterium* sp., 7th Chemical Engineering Conference for Collaborative Research for Eastern European Countries, 27 April-1 May, Corfu, Greece, 2012
11. Ábrahám Beáta, Orbán Kálmán Csongor, Crognale Silvia, András Csaba Dezső, Lányi Szabolcs, Isolation of Amylase Gene from Halophilic Bacteria within the Vibrionaceae Family, 17th International Conference on Chemistry, Cluj-Napoca 3-6 noiembrie, 2011
12. Orbán Kálmán Csongor, Crognale Silvia, Iuhász Andrea, Albert Csilla, Lányi Szabolcs, Ábrahám Beáta, Optimization of Glucoamylase Heterologous Expression in Fermentor, 17th International Conference on Chemistry, Cluj-Napoca 3-6 november, 2011
13. Pál A., Sinkler R., Both E., Bálint E., Petres J., Orbán Cs., Ábrahám B., Lányi Sz.: Comparing the production of pullulanase in different expression systems, Conferința Zilele Științei, Asociația Muzeului Ardelean, Cluj Napoca, 20 november, 2010
14. Bálint Emese-É., Ábrahám B., Miklóssy I., Orbán Kálmán Cs., Bodor Zs., Lányi Sz., Heterologous expression of pullulanase in *Escherichia coli* (Expresia heterologă a pullulanazei în *Escherichia coli*), 15th International Conference of Chemistry, Târgu Mureș, 12-15 november, 2009
15. Bodor Zs., Kovács E., Miklóssy I., Ábrahám B., Bálint Emese-É., Orbán Kálmán Cs., Tamás É., Szilveszter Sz., Lányi Sz., Heterologous expression of alpha-amylase in *Pichia pastoris*, 15th International Conference of Chemistry, Târgu Mureș, 12-15 november, 2009
16. Orbán Kálmán Cs., Ábrahám B., Miklóssy I., Szilveszter Sz., Bálint Emese-É., Bodor Zs., Lányi Sz., In silico studies on structure-function correlations in a group of serin-proteinases, 15th International Conference of Chemistry, Târgu Mureș, 12-15 november, 2009
17. Ábrahám, B., Miklóssy, I., Bálint, É.E., Harai, É., Orbán, Cs., Lányi, Sz., Conservation implications for endemic and endangered species based on genetic analysis, The XVIII International Annual Symposium on Deltas and Wetlands organized by the Danube Delta National Institute for Research and Development, Tulcea, 24-25 september, 2009.

III. RECUNOAȘTEREA

I. Premii, distincții.

-

J. Citări

Citări Google Scholar

Citări: 271

h-index= 5

23 septembrie 2025

Nume Prenume

Orbán Kálmán-Csongor

Lista de lucrări

A. Teza de doctorat

Artificial Neural Networks in the modelling of the integrated urban wastewater systems. 2006. Universita degli Studi di Pavia, Italia, p. 1-210.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Fikó, D. R., **Ráduly, B.**, Máthé, I., Felföldi, T., Lányi, S., & Szilveszter, S. (2023). Bioaugmentation Potential Investigation Using a Phenol Affinity Analysis of Three Acinetobacter Strains in a Multi-Carbon-Source Condition. *Water*, 15(15), 2815.
2. Szilveszter, S., Fikó, D. R., Máthé, I., Felföldi, T., & **Ráduly, B.** (2023). Kinetic characterization of a new phenol degrading Acinetobacter towneri strain isolated from landfill leachate treating bioreactor. *World Journal of Microbiology and Biotechnology*, 39(3), 79.
3. Cocarta, D. M., Dumitru, D. M., Pesciaroli, L., Felli, M., **Raduly, B.**, & Crognale, S. (2019). Cultivable hydrocarbonoclastic microbial community from historically polluted soil: Tests for consortium development. *Soil and Sediment Contamination: An International Journal*, 28(3), 334-345.
4. András, C. D., Mátyás, L., **Ráduly, B.**, & Salamon, R. V. (2019). Increasing the prediction efficiency of Hansen solubility parameters in supercritical fluids. *Periodica Polytechnica Chemical Engineering*, 63(2), 286-293.
5. Gyenge, L., **Raduly, B.**, Crognale, S., Stazi, S. R., Lanyi, S., & Abraham, B. (2018). Biogas production from corn bioethanol whole stillage: evaluation of two different inocula. *Environmental Engineering & Management Journal (EEMJ)*, 17(5).
6. Jung, M., Reichstein, M., Schwalm, C. R., Huntingford, C., Sitch, S., Ahlström, A., ... & Zeng, N. (2017). Compensatory water effects link yearly global land CO₂ sink changes to temperature. *Nature*, 541(7638), 516-520.
7. Tramontana, G., Jung, M., Schwalm, C. R., Ichii, K., Camps-Valls, G., **Ráduly, B.**, ... & Papale, D. (2017, April). Predicting carbon dioxide and energy fluxes with empirical approaches in FLUXNET. In EGU General Assembly Conference Abstracts (p. 15814).
8. Jung, M., Reichstein, M., Schwalm, C. et al. Compensatory water effects link yearly global land CO₂ sink changes to temperature. *Nature* 541, 516–520 (2017). <https://doi.org/10.1038/nature20780>
9. Tramontana, G., Jung, M., Schwalm, C. R., Ichii, K., Camps-Valls, G., **Ráduly, B.**, Reichstein, M., Arain, M. A., Cescatti, A., Kiely, G., Merbold, L., Serrano-Ortiz, P., Sickert, S., Wolf, S., and Papale, D.: Predicting carbon dioxide and energy fluxes across global FLUXNET sites with regression algorithms, *Biogeosciences*, 13, 4291–4313, <https://doi.org/10.5194/bg-13-4291-2016>, 2016.
10. **B. Ráduly**, L. Gyenge, Sz. Szilveszter, A. Kedves, S. Crognale (2016) Treatment of corn ethanol distillery wastewater using two-stage anaerobic digestion. *Water Science & Technology*, Available Online 5 May 2016, wst2016185; DOI: 10.2166/wst.2016.185
11. Papale, D., T. A. Black, N. Carvalhais, A. Cescatti, J. Chen, M. Jung, G. Kiely, G. Lasslop, M. D. Mahecha, H. Margolis, L. Merbold, L. Montagnani, E. Moors, J. E. Olesen, M. Reichstein, G. Tramontana, E. van Gorsel, G. Wohlfahrt and **B. Ráduly** (2015) Effect of spatial sampling from European flux towers for estimating carbon and water fluxes with artificial neural networks, *J. Geophys. Res. Biogeosci.*, 120, 1941–1957, doi:10.1002/2015JG002997.

12. Gyenge L, **Ráduly B.**, Crognale S., Stazi S.R., Lányi Sz., Ábrahám B (2014) Biogas production from corn bioethanol whole stillage: evaluation of two different inocula *Environmental Engineering and Management Journal*, in press.
13. Gyenge L, **Ráduly B.**, Crognale S., Lányi Sz., Ábrahám B (2014) Cultivating conditions optimization of the anaerobic digestion of corn ethanol distillery residuals using response surface methodology. *Central European Journal of Chemistry*, Vol 12, Issue 8, pp 868-876
14. Crognale S., Máthé I., Cardone V., Stazi S.R., Ráduly B. (2013) Halobacterial Community Analysis of Mierlei Saline Lake in Transylvania (Romania), *Geomicrobiology Journal*, in press, DOI:10.1080/01490451.2013.774073
15. Szilveszter, Sz., **Ráduly, B.**, Lányi, Sz., Ábrahám, B., (2012) In situ imaging of biopolymers and extracellular enzymes in activated sludge flocs of a municipal wastewater treatment plant. *Journal of Chemical Technology & Biotechnology*. Published online: 6 DEC 2012, DOI: 10.1002/jctb.3975
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21. **Ráduly B.**, Gernaey K.V., Capodaglio A.G., Mikkelsen P.S. and Henze M. (2007) Artificial neural networks for rapid WWTP performance evaluation: methodology and case study. *Environmental Modelling & Software*, 22, 1208-1216

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1. László Gyenge , **Botond Ráduly**, Silvia Crognale, Szabolcs Lányi, Beáta Ábrahám (2014) Anaerobic digestion of corn-DDGS: Effect of pH-control, agitation and batch repetition. *UPB Scientific Bulletin, Series B: Chemistry And Materials Science*, in press (SCOPUS)
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1. Gyenge, L., **Ráduly, B.**, Barrera, R., Font, X., Lanyi, S., Abraham, B. (2013) *Efficiency of biogas production from corn bioe-ethanol by-products using different inocula*. Proceeding of. 4th International Youth Conference on Energy (IYCE), 2013, Siofok, Hungary. DOI: 10.1109/IYCE.2013.6604171
 2. Szilveszter, Sz., **Ráduly, B.**, Bucs, Sz., Robescu D-N, Lányi, Sz., Characterization of activated sludge flocs by CLSM microscopy with different staining methods (2011) Proceedings of the 1st Danube – Black Sea Regional Young Water Professionals Conference, Innovations in the field of water supply, sanitation and water quality, 14-15 june, 2011, pp. 102-113, ISBN 978-973-768198-0.
 3. **Ráduly B.**, Belli. C., Papale, D. (2008) *Considerazioni sugli errori nel calcolo della georeferenziazione diretta: interpolazione del DEM e controdistorsione dell'ottica (Consideratii pe ororile in calculul de georeferentiere directa: interpolarea modelului digital de elevatie si corectia distorsiunii optice)*. Proceedings of the 12^a Conferenza Nazionale ASITA 2008, L'Aquila 21-24 ottobre 2008, Italia
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 8. **Ráduly B.**, Gernaey K.V., Capodaglio A.G., Mikkelsen P.S. and Henze M. (2005) *Rapid WWTP Performance Evaluation over a Wide Range of Operating Conditions Using Artificial Neural Networks*. Oral presentation. Proceedings of the 10th International Conference on Urban Drainage, 21-26 August, Copenhagen (Denmark).
 9. **Ráduly B.**, Tapia G., Baeza J.A., Gabriel D., Capodaglio A.G. and Gernaey K.V. (2004) *Variable-volume sludge blanket reactor - a simple way to model denitrification in secondary settler tanks*. Oral and poster presentation. Proc. IWA World Water Congress & Exhibition, 19-24 September, Marrakech, Morocco.
 10. **Ráduly B.**, Capodaglio A.G. and Vaccari D.A. (2004) *Data-driven models in the integrated urban water modeling*. Oral presentation on the 19th European Junior Scientist Workshop on Process Data And Integrated Urban Water Modelling, 11-14 March, Lyon, France.
 11. **Ráduly B.**, Capodaglio A.G. and Vaccari D.A. (2004) *Simplification of wastewater treatment plant models using empirical modelling techniques*. Oral presentation. Proc. 2nd IWA Young Researchers Conference, 22 -24 April, Wageningen, the Netherlands.
 12. **Ráduly B.**, Capodaglio A.G. and Vaccari D.A.(2003) *Integrated modelling of wastewater treatment and river water quality processes. Oral presentation. 2nd WWW-Yes World Wide Workshop for Young Environmental Scientists; 14th -17th May, Val-de-Marne, France.*
- E. Editare, coordonare de volume**

1. Lindblom E., **Ráduly B.** and Mikkelsen P.S. (eds.), (2005): *System process modelling report*. Environment & Resources DTU, Technical University of Denmark. EU project report (project code: HPRN-CT-2001-00200). Net-publication hosted by the DTU and available for download at URL: <http://www.er.dtu.dk/publications/fulltext/2005/MR2005-018.pdf>

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. EUROPEAN RESEARCH TRAINING NETWORK (PROJECT CODE: HPRN-CT-2001-00200) - WASTEWATER TREATMENT AND SYSTEM ENGINEERING (WWT & SYSENG). 10.2002 – 01.2006. Finantat de UE. Membru.
2. CENTRO DI ECCELLENZA TECNOLOGICO PER LO STUDIO E IL MONITORAGGIO AMBIENTALE TRAMITE VETTORI AERIE (Centrul De Excelenta Tehnologica Pentru Studiarea Si Monitorarera Ambientala Cu Ajutorul Platformelor Aeriane). 01.2007 – 09.2008 Finantat de UE si cofinantat de statul Italian. Membru.

K. Participări la conferințe naționale și internaționale

1. **Ráduly B.**, Belli. C., Papale, D. (2008) *Considerazioni sugli errori nel calcolo della georeferenziazione diretta: interpolazione del DEM e controdistorsione dell'ottica (Consideratii pe ororile in calculul de georeferentiere directa: interpolarea modelului digital de elevatie si corectia distorsiunii optice)*. 12^a Conferenza Nazionale ASITA 2008, L'Aquila 21-24 ottobre 2008, Italia
2. **Ráduly B.**, Gernaey K.V., Lindblom, E. (2007) *A hybrid modelling approach in the simulation of integrated urban wastewater systems*. European Congress of Chemical Engineering (ECCE-6) Copenhagen (Denmark), 16-20 September 2007
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9. **Ráduly B.**, Capodaglio A.G. and Vaccari D.A. (2004) *Simplification of wastewater treatment plant models using empirical modelling techniques*. 2nd IWA Young Researchers Conference, 22-24 April, Wageningen, the Netherlands.
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Data

10/10/ 2025

Lista de lucrări

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I. LISTA PUBLICAȚIILOR RELEVANTE

1. Fodor, H.P.; Dávid, H.; Czont, A.; Miklóssy, I.; Orbán, K.-C.; Tar, G.; Fodor, A.; Kovács, Z.; Albert, B.; **Salamon, P.** Enhanced Gait Recovery in Chronic Post-COVID-19 Stroke: The Role of Combined Physical Rehabilitation. *Reports* 2023, 6, 51.
2. M. C. Csányi, **P. Salamon**, T. Feller, T. Bozó, J. Hársfalvi, and M. S. Z. Kellermayer, “Structural hierarchy of mechanical extensibility in human von Willebrand factor multimers,” *Protein Science*, vol. 32, no. 1, 2023.
3. Z. Bardocz-Veres, M. Székely, **P. Salamon**, E. Bala, E. Bereczki, and B. Kerekes-Máthé, “Quantitative and Qualitative Assessment of Fluorescence in Aesthetic Direct Restorations,” *Materials*, vol. 15, no. 13, p. 4619, 2022.
4. **P. Salamon**, C. K. Orban, K. Molnar-Nagy, Z. Kovacs, K. Vancsa, E. Balint, I. Miklossy, B. Albert, G. Tar, and S. Lanyi, “Study of native SMAC protein production in the pUbiq expression system: Molecular cloning, biosynthesis and molecular modelling,” *Electronic Journal Of Biotechnology*, vol. 56, pp. 39–46, 2022.
5. K. Nagy, Z. Kovács, I. Miklóssy, **P. Salamon**, C.-K. Orbán, B. Albert, and S. Lányi, “Detergent aided refolding and purification of recombinant XIAP from inclusion bodies,” *Studia Universitatis Babes-Bolyai Chemia*, vol. 66, no. 4, pp. 355–368, 2021.
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7. S. Szentes, N. Zsibrita, M. Koncz, E. Zsigmond, **P. Salamon**, Z. Pletl, and A. Kiss, “I-Block: a simple Escherichia coli-based assay for studying sequence-specific DNA binding of proteins,” *Nucleic Acids Research*, vol. 48, no. 5, 2020.
8. K. Nagy, Z. Kovacs, **P. Salamon**, C.-K. Orban, S. Lanyi, and B. Albert, “Enhanced Heterologous Expression In E. Coli,” *Studia Universitatis Babes-Bolyai Chemia*, vol. 64, no. 2, pp. 101–110, 2019.
9. B. Francisc-Andrei, **P. Salamon**, O. Csongor, B. Lavinia, C. Augustin, G. Serban-Andrei, and D. Maria, “Heterologous Expression And Purification Of Recombinant Crotoxin B, The Phospholipase A2 Subunit Of Crotoxin,” *Studia Universitatis Babes-Bolyai Chemia*, vol. 63, no. 1, pp. 7–20, 2018.
10. **P. Salamon**, I. Miklóssy, B. Albert, M. Korodi, K. Nagy, I. Bakos, S. Lányi, and C. Orbán, “Heterologous Expression And Purification Of Recombinant Proapoptotic Human Protein Smac/Diablo With Egfp As Fusion Partner,” *Studia Universitatis Babes-Bolyai Chemia*, vol. 62, no. 2, pp. 333–345, 2017.

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

“Dezvoltarea biosintezei proteinelor recombinante în sistemul de expresie procariot”
Conducător de doctorat: prof. dr. Albert Beáta, Universitatea din Pécs, 2022

B. Cărți publicate

B5. Capitoale de cărți publicate în străinătate

1. **Salamon Pál**, “Az RT-qPCR alkalmazása iparilag hasznos vegyületek bioszintézisének megvalósító baktériumtörzsek vizsgálatára” (Aplicarea RT-qPCR la investigarea tulpinilor bacteriene care efectuează biosinteza compușilor utili industrial) in *Határhelyzetek X.*, 2018, p. 379.
2. **Salamon Pál**, “Modern Biotechnológia Székelyföldön: Monoklonális Antitestek Bioszintézise” (Biotehnologia modernă în Ținutul Secuiesc: Biosinteza anticorpilor monoclonali) in *Határhelyzetek XI.*, 2018, p. 423.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

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1. Fodor, H.P.; Dávid, H.; Czont, A.; Miklóssy, I.; Orbán, K.-C.; Tar, G.; Fodor, A.; Kovács, Z.; Albert, B.; **Salamon, P.** Enhanced Gait Recovery in Chronic Post-COVID-19 Stroke: The Role of Combined Physical Rehabilitation. *Reports* 2023, 6, 51.
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1. S. János, K. O. Csongor, A. Beáta, N. Katalin, **P. Salamon**, and L. Szabolcs, “In Vitro Study Of The Ccmv Capsid Protein: Cloning, Expression, And Purification,” *Upb Scientific Bulletin, Series B: Chemistry And Materials Science*, vol. 83/1, pp. 135–142, 2021.
2. **P. Salamon**, K. O. Csongor, M. Ildikó, A. Beáta, and L. Szabolcs, “Comparative Study On Conventional And Autoinduction Fermentation,” *Upb Scientific Bulletin, Series B: Chemistry And Materials Science*, vol. 83, no. 2, p. 77, 2021.

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3. F. A. Boda, Z. I. Szabo, E. Szócs, **P. Salamon**, C. Orbán, and E. Székely, "Heterologous Expression and Purification of the Antimicrobial Peptide Buforin II," Bulletin Of Medical Sciences / Orvostudományi Értesítő, vol. 92, no. 2, pp. 119–125, 2020.

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

1. Szulczer-Balog V., **Salamon P.**, Both, E., A probiotikus baktériumok antibiotikum rezisztenciája (Rezistența bacteriilor probiotice la antibiotice), Műszaki Szemle, 83, p. 41-44, 2023.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

2024

1. **Pál Salamon**, Szilárd Gudur, Szilvia Fikó-László, Rebeka Fejér, Csongor K. Orbán, Emőke Antal, Mónika András-Korodi, Erika Csató-Kovács, Csilla Albert, Emese Bálint, Ildikó Miklóssy, Ferenc Kilár, Szabolcs Lányi, Beáta Albert, From Inception to Implementation: biNivo Biosimilar Product Development. 22th International Symposium and Summer School on Bioanalysis 7-13 July, 2024, Prague, Czech Republic.
2. Emese Bálint, **Pál Salamon**, Szilárd Gudur, Szilvia Fikó-László, Rebeka Fejér, Csongor K. Orbán, Emőke Antal, Mónika András-Korodi, Erika Csató-Kovács, Csilla Albert, Ildikó Miklóssy, Ferenc Kilár, Szabolcs Lányi, Beáta Albert, The process of designing a biosimilar antibody. 22th International Symposium and Summer School on Bioanalysis 7-13 July, 2024, Prague, Czech Republic.
3. Szilárd Gudur, **Pál Salamon**, Emese Sípos, Beáta Albert, Optimization of purification parameters for biosimilar Nivolumab monoclonal antibody. 22th International Symposium and Summer School on Bioanalysis 7-13 July, 2024, Prague, Czech Republic.
4. Szilárd Gudur, Rebeka Fejér, Emese Bálint, Beáta Albert, **Pál Salamon**, Protein A affinity chromatography of biosimilar Nivolumab monoclonal antibody from Chinese hamster ovary (CHO) cell culture broths. 6th National Conference of Young Biotechnologists, 4-5. April 2024., HUN-REN ATK Martonvásár, Hungary

2023

5. Both E., Szulczer-Balog V., **Salamon P.**: Antibiotic resistance of probiotic lactic acid bacteria and safety of probiotic dairy products, A XXIX-a Conferință Internațională de Chimie, Târgu Mures, 25-28 oct. 2023.
6. Kovács, Z., Bálint, E., László, S., Albert, B., Tar, Gy., András, A., **Salamon, P.**, The effect of SarsCov2 virus on the activity of the panoptosis pathway in upper respiratory epithelial cells: correlations between expression patterns, age, gender and comorbidities" 21st International Symposium and Summer School on Bioanalysis Universitatea de Medicină, Farmacie, Târgu Mures, România, 10-15 iulie, 2023, Acta Marisiensis, Seria Medica, Book of Abstracts, vol. 69, supplement 5, 2023, p. 35., ISSN: 2668-7755

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7. M. C. Csányi, **P. Salamon**, T. Feller, T. Bozó, J. Hársfalvi, and M. S. Z. Kellermayer, “Force dependent multimer glycoprotein elongation,” in 20th International Symposium And Summer School On Bioanalysis Book of Abstracts, 2022, p. 64.
8. Gyöngyvér Mara, Annamária Becze, Éva-Boglárka Vincze, **Pál Salamon**, A comparative study of MALDI-TOF-MS and 16S rNDA identification of PGPR bacteria. 20th International Symposium and Summer School on Bioanalysis June 24-30, 2022, Pécs, Hungary.

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9. C. Csilla, **P. Salamon**, F. Timea, K. Miklos, and H. Jolan, “Von Willebrand multimer structure and extensibility analyzed by single-molecule AFM,” in PhD Scientific Days 2020, 2020.

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10. E. Antal, **P. Salamon**, and I. Miklóssy, “In silico examination of a malonyl-CoA-reductase enzyme for metabolic engineering purposes,” 19th International Symposium and Summer School on Bioanalysis, 2019., p. 84.
11. M. Balázs, E. Antal, **P. Salamon**, I. Miklóssy, and Z. Bodor, “Analysis of *Basfia Succiniciproducens* Gene Expression Profile by RT-qPCR Method,” in 25th International Conference on Chemistry, 2019, p. 34.
12. **P. Salamon**, I. Miklóssy, S. Lányi, Cs. K. Orban, and B. Albert, “Fehérje-fehérje interakció vizsgálata a sejthalál szabályozásában” (Investigarea interacțiunii proteină-proteină în reglarea morții celulare) in 25th International Conference on Chemistry, 2019, p. 105.

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13. Á. Dósa, **P. Salamon**, C. Orbán, F. Boda, Z. Szabó, and E. Székely, “Antimicrobial Peptide Biosynthesis For The Development Of A Nanofiber-Based Wound Dressings,” in Fiatal Biotechnológusok Országos Konferenciája “FIBOK 2018”: Abstract Book, 2018, p. 46.
14. **P. Salamon**, F. M. Both, R. Sinkler, B. Albert, Z. Bodor, and I. Miklóssy, “RT-qPCR analysis of *E. coli* strains obtained by metabolic engineering,” in 18th International Symposium and Summer School on Bioanalysis, 2018, p. 69
15. **P. Salamon**, F. M. Both, R. Sinkler, E. Sipos, Z. Bodor, B. Albert, S. Lányi, and I. Miklóssy, “1,4-butándiol bioszintézisére alkalmas, anyagcsere mérnökséggel előállított, rekombináns *E. coli* törzsek génexpressziós profilelemzése és optimális tenyésztési körülményeinek vizsgálata” (Analiza profilului de expresie genică a tulpinilor de *E. coli* recombinante produse prin inginerie metabolică adecvate pentru biosinteza 1,4-butandiolului și investigarea condițiilor optime de cultură) in XII. Szent-Györgyi Albert Konferencia, 2018, p. 32.
16. **P. Salamon**, K. Nagy, Z. Kovács, B. Albert, I. Miklóssy, S. Lányi, and C. K. Orbán, “Nekroptózist moduláló humán fehérjék bioszintézise” (Biosinteza proteinelor umane care modulează necroptoza) in XXIV. Nemzetközi Vegyészkonferencia, 24th International Conference on Chemistry, 2018, p. 42.

2017

17. K. Szabolcs, M. István, **P. Salamon**, K. Krisztina, Z. Brigitta-Tünde, M. Ildikó, K. Rita, S. Tibor, and G. Zsolt, "Understanding epileptogenesis and pursuing antiepileptogenic actions of drugs in pentylenetetrazole--kindled rats." 2017.
18. N. Katalin, O. Csongor-Kálmán, A. Beáta, M. Ildikó, **P. Salamon**, and L. Szabolcs, "Proteomimetic SMAC Peptides: Cloning, Heterologous Expression with Fusion Partner, Purification and Interaction with Inhibitor of Apoptosis Proteins," in 20th Romanian International Conference on Chemistry and Chemical Engineering, 2017, p. 16.
19. S. Réka, B. F. Márta, **P. Salamon**, A. Emőke, B. Zsolt, M. Ildikó, and L. Szabolcs, "Heterologous Expression, Purification and Primary Characterization of an Alcohol/Aldehyde Dehydrogenase Suitable for 1,4 Butanediol Production," in 20th Romanian International Conference on Chemistry and Chemical Engineering, 2017, p. 15.
20. S. Sarolta, Z. Eszter, **P. Salamon**, and K. Antal, "A simple genetic system to study sequence specific DNA-binding proteins in E. Coli," in Hungarian Molecular Life Sciences 2017, 2017, p. 45.

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21. **P. Salamon**, B. Albert, C. Orbán, and I. Miklóssy, "A SMAC/DIABLO rekombináns humán fehérje fúziója EGFP-vel, heterológ expressziója és tisztítása" (Fuziunea proteinei umane recombinante SMAC/DIABLO cu EGFP, expresie heterologă și purificare) in 22th International Conference on Chemistry, 2016, p. 130.
22. Mara, Gy., Vincze, B., **Salamon, P.**, Salamon R.-V. Metal Induced Stress In Bean Plants In The Presence Of Plant Growth Promoting Bacteria. 16th CEEPUS Symposium and Summer School on Bioanalysis, 6-15 July 2016, University of Warsaw, Department of Chemistry, Poland

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23. **P. Salamon**, B. Vincze, G. Mara, and R. V. Salamon, "Nehézfém toleráns baktériumok hatása a növények növekedésére és a fémfelvételére" (Efectul bacteriilor tolerante la metale grele asupra creșterii plantelor și absorbției metalelor) in 21th International Conference on Chemistry, 2015, p. 89..
24. **P. Salamon**, V. Boglárka, M. Gyöngyvér, and V. S. Rozália, "Effect of heavy metal tolerant PGPR bacteria on plant growth and metal uptake," in The International Conference for Students "Student in Bucovina," 2015, p. 91.

F. Brevete de invenții și alte titluri de proprietate

1. Brevet de invenție, nr. a 2023 00801, Metodă de stabilizare a structurii unei proteine și sistem de tampon pentru preparate proteice, membru

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. Programul POC/161/6/3/ Dezvoltarea unei tehnologii de producție de anticorpi monoclonali la sediul firmei SC CORAX-BIONER CEU SA/ANTICORP, 2021-2023, membru
2. Programul 4 PNCDI2/Controlul funcțiilor celulelor dendritice cu semnale anti/inflamatoare și de moarte celulară/DCFANS, 2014-2016, membru
3. Programul 4 PNCDI2/ Ingineria metabolică la Escherichia coli pentru obținerea 1,4/butandiolului din glucoză și glicerină și conversia catalitică a acestuia la compuși cu valoare adăugată/METABCHEM, 2014-2016, membru
4. Programul PNII/ PCCA 2/Synthesis of some C4, C5 carboxylic acid building block chemicals from renewable biomass resources/BIOBUILD, 2014-2016, membru

III. RECUNOAȘTEREA

I. Premii, distincții.

Programul de cercetare Áron Márton 2017-2018

Programul de cercetare Áron Márton 2016-2017

Premiul „MAXIMUS” pentru cea mai remarcabilă lucrare științifică - 2016

Premiul Collegium Talentum – 2016/2017, sem. II.

J. Citări

1. Z. Gáll, K. Kelemen, I. Mihály, **P. Salamon**, I. Miklóssy, B. Zsigmond, and M. Kolcsár, “Role of Lacosamide in Preventing Pentylentetrazole Kindling-Induced Alterations in the Expression of the Gamma-2 Subunit of the GABAA Receptor in Rats,” Current Molecular Pharmacology, vol. 13, no. 3, pp. 251–260, 2020.

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2. Lazzarotto, Leticia; Pflüger, Pricila; Regner, Gabriela Gregory; Santos, Fernanda Marcelia; Aguirre, Debora Goncalves; Brito, Veronica Bidinotto; Moura, Dinara Jaqueline; Dos Santos, Nayane Mendes; Picada, Jaqueline Nascimento; Parmeggiani, Belisa; Lacosamide improves biochemical, genotoxic, and mitochondrial parameters after PTZ-kindling model in mice, Fundamental & Clinical Pharmacology, 35, 2, 351-363, 2021, Wiley Online Library
3. Gáll, Zsolt; Kelemen, Krisztina; Tolokán, Andrea; Zolcseak, István; Sável, István; Bod, Réka; Ferencz, Elek; Vancea, Szende; Urkon, Melinda; Kolcsár, Melinda; Anticonvulsant action and long-term effects of chronic cannabidiol treatment in the rat pentylentetrazole-kindling model of epilepsy, Biomedicines, 10, 8, 1811, 2022, MDPI

4. Carcak, Nihan; Karanfil, Ceren; Akat, Şura; Akman, Özlem; Onat, Filiz; The effect of chronic treatment with sodium channel blocker lacosamide on early development of absence seizures in genetic absence epilepsy rats, *Epilepsy Research*, 182, 06896, 2022, Elsevier
5. Zaqzouq, Dana; Him, Aydin; Güneşer, Ramazan; Turker, Arzu; Antiepileptic effects of *Allium schoenoprasum* L. in the acute epilepsy model in rats: Antiepileptic effects of chives, *Indian Journal of Experimental Biology (IJEB)*, 62, 5, 359-365, 2024
6. Zaqzouq, Dana; Him, Aydin; Guneser, Ramazan; Turker, Arzu; Antiepileptic effects of *Allium schoenoprasum* L. in the acute epilepsy model in rats, 2024, NIScPR-CSIR, India
7. Mihály, István; Molnár, Tímea; Berki, Ádám-József; Bod, Réka-Barbara; Orbán-Kis, Károly; Gáll, Zsolt; Szilágyi, Tibor; Short-term amygdala low-frequency stimulation does not influence hippocampal interneuron changes observed in the pilocarpine model of epilepsy, *Cells*, 10, 3, 520, 2021, MDPI
8. Shishmanova-Doseva, Michaela; Protective effect of lacosamide and topiramate treatment against Pentylene-tetrazole-induced kindling and associated cognitive dysfunction in rats, *Pharmacia*, 69, 4, 1005-1012, 2022, Bulgarian Pharmaceutical Scientific Society

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3. Nagy, Katalin; Thesis Summary, 2022, Universitatea Babeş-Bolyai
4. Boda, Francisc-Andrei; Salamon, Pal; Orban, Csongor; Berta, Lavinia; Curticăpean, Augustin; Gâz, Şerban-Andrei; Dogaru, Maria; Heterologous Expression and Purification of Recombinant Crotoxin B, the Phospholipase A2 Subunit of Crotoxin, *Studia UBB Chem*, 1, Jul-20, 2018
5. Szövérfi, János; Orbán, Csongor Kálmán; Albert, Beáta; Nagy, Katalin; Salamon, Pál; Lányi, Szabolcs; In Vitro Study Of The Ccmv Capsid Protein: Cloning, Expression, And Purification

3. S. Szentes, N. Zsibrita, M. Koncz, E. Zsigmond, **P. Salamon**, Z. Pletl, and A. Kiss, "I-Block: a simple Escherichia coli-based assay for studying sequence-specific DNA binding of proteins," NUCLEIC ACIDS RESEARCH, vol. 48, no. 5, 2020.

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1. Yang, Jie; Horton, John R; Akdemir, Kadir C; Li, Jia; Huang, Yun; Kumar, Janani; Blumenthal, Robert M; Zhang, Xing; Cheng, Xiaodong; Preferential CEBP binding to T: G mismatches and increased C-to-T human somatic mutations, Nucleic acids research, 49, 9, 5084-5094, 2021, Oxford University Press
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3. Han, Sirui; Fan, Min; Xu, Guichan; Liu, Wenting; Chen, Jingbo; Lu, Yudong; Feng, Shangyuan; You, Ruiyun; Gold-Nanostar-Based Surface-Enhanced Raman Scattering Substrates for Gastric Carcinoma Detection, ACS Applied Nano Materials, 5, 9, 12607-12615, 2022, ACS Publications
4. Z. Bardocz-Veres, M. Székely, **P. Salamon**, E. Bala, E. Bereczki, and B. Kerekes-Máthé, "Quantitative and Qualitative Assessment of Fluorescence in Aesthetic Direct Restorations," Materials, vol. 15, no. 13, p. 4619, 2022.

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1. Mahalingam, Malathi; Kasirajan, Gayathri; Subramaniam, Mohan Palathurai; Rasu, Yogeshkumar Manalmettupudhur; Aqueous phosphate detection in real samples using NIR-triggered Diamino Bis-Benzimidazoquinoline fluorescence sensor: An experimental and theoretical approach, Chemical Physics Impact, 8 , 100589, 2024, Elsevier
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2. Mao, Zhenjie; Jiang, Hong; Sun, Jianan; Zhao, Yuanhui; Gao, Xin; Mao, Xiangzhao; Research progress in the preparation and structure-activity relationship of bioactive peptides derived from aquatic foods, *Trends in Food Science & Technology*, 104443, 2024, Elsevier
3. Zhang, Hongyan; Liu, Sha; Li, Xindan; Wang, Wenjun; Deng, Lili; Zeng, Kaifang; Interaction of Antimicrobial Peptide Ponericin W1, Thanatin, and Mastatopara-S with *Geotrichum citri-aurantii* Genomic DNA, *Foods*, 10, 8, 1919, 2021, MDPI
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1. Mejía-Sánchez, Miguel Angel; Clement, Herlinda; Corrales-García, Ligia Luz; Olamendi-Portugal, Timoteo; Carbajal, Alejandro; Corzo, Gerardo; Crotoxin B: heterologous expression, protein folding, immunogenic properties, and irregular presence in crotalid venoms, *Toxins*, 14, 6, 382, 2022, MDPI

26.02.2025.

Nume Prenume
dr. Salamon Pál

Lista de lucrări în domeniul de știință definit de disciplinele din postul scos la concurs

NUMELE ȘI PRENUMELE: SZÉP RÓBERT-EUGEN

I. LISTA PUBLICAȚIILOR RELEVANTE

Szép R., Mateescu E., Nechifor A.C., Keresztesi Á.: Chemical characteristics and source analysis on ionic composition of rainwater collected in the Carpathians "Cold Pole", Ciuc basin, Eastern Carpathians – Romania. *Environmental Science and Pollution Research*, Volume: 24, Issue: 35, Page: 27288-27302, 2017, DOI: 10.1007/s11356-017-0318-2

Szép R., Mateescu E., Nita I.A., Birsan M.V., Bodor Zs., Keresztesi Á.: Effects of the Eastern Carpathians on atmospheric circulations and precipitation chemistry from 2006 to 2016 at four monitoring stations (Eastern Carpathians, Romania), *Atmospheric Research*, Volume 214, Issue 1, Pages: 311-328, 2018. DOI: <https://doi.org/10.1016/j.atmosres.2018.08.009>

Szép Robert, Bodor Zsolt, Miklossy Ildiko, Ion-Andrei Nita, Oana A. Oprea, Ágnes Keresztesi, Influence of peat fires on the rainwater chemistry in intra-mountain basins with specific atmospheric circulations (Eastern Carpathians, Romania), *Science of the Total Environment*, Volume 647, Issue 1, Pages: 275-289, 2019. DOI: <https://doi.org/10.1016/j.scitotenv.2018.07.462>

Keresztesi Á., Birsan M.V., Nita I.A., Bodor Zs., Szép R., Assessing the neutralisation, wet deposition and source contributions of the precipitation chemistry over Europe during 2000–2017, *Environmental Sciences Europe*, vol. 31, Article number: 50, 2019. <https://doi.org/10.1186/s12302-019-0234-9>

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Bodor Z., Bodor K., Keresztesi Á., Szép R.: Major air pollutants seasonal variation analysis and long-range transport of PM 10 in an urban environment with specific climate condition in Transylvania (Romania). *Environmental Science and Pollution Research*, 2020. <https://doi.org/https://doi.org/10.1007/s11356-020-09838-2>.

Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, Róbert SZÉP, Human health impact assessment and temporal distribution of trace elements in Copșa Mică- Romania, *Scientific Reports*, 11:7049, 2021.

Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, Róbert SZÉP, Classification and hierarchical cluster analysis of principal Romanian bottled mineral waters, *Journal of Food Composition and Analysis*, 100, 2021, 103903.

Katalin BODOR, Róbert SZÉP, Zsolt BODOR, The human health risk assessment of particulate air pollution (PM_{2.5} and PM₁₀) in Romania, *Toxicology Reports*, 9, 2022, 556-562.

BODOR Katalin, SZÉP Róbert, BODOR Zsolt, Time series analysis of the air pollution around Ploiesti oil refining complex, one of the most polluted regions in Romania. *Scientific Reports*, 12, 11817, 2022

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

Cercetări privind reabilitarea ecologică a perimetrului minier Bălan, Harghita, Victor Arad, Foarte bine

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

-

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

-

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

-

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

-

B5. Capitoale de cărți publicate în străinătate

-

B6. Capitoale de cărți publicate în țară

A.S. Bădărău, M.I. Bărbos, R. Burlacu, C.M. Ciocănea, L. Ciornei, ..., **R. E. Szép**, Cartarea Ecosistemelor Naturale și Seminaturale Degradate, Editura Academiei Române, București, 2018, ISBN 978-973-27-2902-1

S. Avram, A.M. Corpade, C. Corpade, A. Croitoru, S. Dedu, C. Gheorghe, C.V. Maloș, N. Manta, M. I. Niculae, I. Onițel, I.S. Pacu, M. Robu, A. Roman, C. Samoila, A. Sin-Schneider, **R. Szép** et al., Atlasul Ecosistemelor Degradate din România, Editura Academiei Române, București 2021, ISBN 978-973-27-3332-5.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. **Szép R.**, Mátyás L.: The role of regional atmospheric stability in high-PM10 concentration episodes in Miercurea Ciuc (Harghita) – *Carpathian Journal of Earth and Environmental Sciences*, Volume: 9, Issue: 2, Page: 241-250, 2014
2. **Szép R.**, Mátyás L., Keresztes R., Ghimpusan M.: Tropospheric Ozone Concentrations - Seasonal and Daily Analysis and its Association with NO and NO2 as a Function of NOx in Ciuc Depression – Romania – *Revista de Chimie*, vol. 67., 2., Page: 205-213, 2016.
3. **Szép R.**, Keresztes R., Constantin L.: Multi-model assessment of tropospheric ozone pollution indices of risk to human health and crops, and ozone deposition in Ciuc Depression – Romania, *Revista de Chimie*, Volume: 67, Issue: 3, Page: 408-413, 2016

4. **Szép R.**, Keresztes R., Deák Gy., Tobă F., Ghimpușan M.: The dry deposition of PM₁₀ and PM_{2.5} to the vegetation and its health effect in the Ciuc basin – *Revista de Chimie*, Volume: 67, Issue: 4, Page: 639-644, 2016
5. **Szép R.**, Keresztes R., Korodi A., Tonk Sz.: Dew point – indirect particulate matter pollution indicator in the Ciuc basin – Harghita, Romania – *Revista de Chimie*, Volume: 67, Issue: 10, Page: 1914-1921, 2016
6. **Szép R.**, Keresztes R., Korodi A., Tonk Sz.: The Examination of the Effects of Relative Humidity on the Changes of Tropospheric Ozone Concentrations in the Ciuc basin, Romania. *Revista de Chimie*, Volume: 68, Issue: 4, Page: 642-645, 2017
7. Holban E., Matei M., Gina G., Raischi M., Fronescu S., Daescu A., Petrache G.I., Ilie M., **Szép R.**, Moncea A., Marinescu F., Tociu C.: Assessment of atmospheric pollution in a cement factory area situated in the eastern part of Romania, *Journal of Environmental Protection and Ecology*, Volume: 18, Issue: 3, Page: 819-830, 2017
8. Tociu C., **Szép R.**, Anghel A.M., Marinescu F., Ilie M., Holban E., Matei M., Ghita G., Popescu I., Moncea A., Laslo L., Daescu A.I.: Possibilities for efficient use of valuable materials from aluminium slag to remove specific pollutants in wastewater, *Journal of Environmental Protection and Ecology*, Volume: 18, Issue: 3, Page: 842-852, 2017
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10. Marcus M.I., Vlad M., Mițiu M.A., Anghel A.M., Laslo L., Ilie M., **Szép R.**, Ghita G., Matei M., Holban E., Dumitru F.D.: Recovery of galvanic sludge by psichio-chemical mechanism, *Journal of Environmental Protection and Ecology*, Volume: 18, Issue: 3, Page: 1117-1126, 2017
11. Nicolae A., Deak Gy., Tudor G., Cirstinoiu C., Zamfir A.S., Uritescu B., Ghita G., Georgescu L.P., Raischi M., Dumitru D., Moncea A.M., Laslo L., **Szép R.**: Comparative analysis on water velocity distribution in the context of riverbed morphology changes and discharge variation, *Journal of Environmental Protection and Ecology*, Volume: 18, Issue: 4, Page: 1649-1657, 2017
12. Tonk Sz., Majdik C. **Szép R.**, Suciu M., Rápó E., Boldizsár N.: Biosorption of Cd(II) ions from aqueous solution by eggshell waste kinetic and equilibrium isotherm studies, *Revista de Chimie*, Volume: 68, Issue: 9, Page: 1951-1958, 2017

13. **Szép R.**, Keresztes R., Korodi A., Tonk Sz.: Study of air pollution and atmospheric stability in Ciuc basin – Romania, *Revista de Chimie*, Volume: 68, Issue: 8, Page: 1763-1767, 2017
14. Ilie M., Marinescu F., **Szep R.**, Ghita G., Deak Gy., Anghel A.M., Petrescu A., Uritescu B.; Ecological risk assessment of heavy metals in surface sediments from the Danube river, *Carpathian Journal of Earth And Environmental Sciences*, July 2017, Vol. 12, No. 2, p. 437-445.
15. **Szép R.**, Mateescu E., Nechifor A.C., Keresztesi Á.: Chemical characteristics and source analysis on ionic composition of rainwater collected in the Carpathians "Cold Pole", Ciuc basin, Eastern Carpathians – Romania. *Environmental Science and Pollution Research*, Volume: 24, Issue: 35, Page: 27288-27302, 2017, DOI: 10.1007/s11356-017-0318-2
16. Hegedűs O., Šmotlákova Z., Hegedűsova A., Dubajová J., Andrejiová A, Jakabová S., Tonk Sz., **Szép R.**, Pernyeszi T.: Determination of Isocyanates in Workplace Atmosphere by HPLC, *Revista de Chimie*, Volume: 69, Issue: 2, Page: 625-630, 2018
17. Török A., Boldizsár N., Tonk Sz., Buta E., **Szép R.**, Majdik C., Niculae A.G.: Crystal violet dye removal from aqueous solutions using *Elodea canadensis* as biofilter, *Revista de Chimie*, Volume: 68, Issue: 10, Page: 2270-2275, 2017
18. Keresztesi A., Petres S., Ghita G., Dumitru F.D., Moncea M.A., Ozunu A., **Szép R.**: Ammonium Neutralization Effect on Rainwater Chemistry in the Basins of the Eastern Carpathians – Romania, *Revista de Chimie*, Volume: 69, Issue: 1, Page: 57-63, 2018
19. **Szép R.**, Mateescu E., Nita I.A., Birsan M.V., Bodor Zs., Keresztesi Á.: Effects of the Eastern Carpathians on atmospheric circulations and precipitation chemistry from 2006 to 2016 at four monitoring stations (Eastern Carpathians, Romania), *Atmospheric Research*, Volume 214, Issue 1, Pages: 311-328, 2018. DOI: <https://doi.org/10.1016/j.atmosres.2018.08.009>
20. **Robert Szép**, Zsolt Bodor, Ildiko Miklossy, Ion-Andrei Nita, Oana A. Oprea, Ágnes Keresztesi, Influence of peat fires on the rainwater chemistry in intra-mountain basins with specific atmospheric circulations (Eastern Carpathians, Romania), *Science of the Total Environment*, Volume 647, Issue 1, Pages: 275-289, 2019. DOI: <https://doi.org/10.1016/j.scitotenv.2018.07.462>
21. Rápó E., **Szép R.**, Keresztesi Á., Suciu M., Tonk Sz, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent, *Acta Chimica Slovenica*, vol. 65, pages, 2018. DOI: 10.17344/acsi.2018.4401
22. Birsan M.V., Micu D.M., Nita I.A., Mateescu E., **Szép R.**, Keresztesi Á.: Spatio-temporal changes in annual temperature extremes over Romania (1961-2013), *Romanian Journal of Physics*, vol. 64 (7-8), article ID: 816, 2019.

23. Rápó E., Posta K., Suciu M., **Szép R.**, Tonk Sz.: Adsorptive Removal of Remazol Brilliant Violet-5R Dye from Aqueous Solutions using Calcined Eggshell as Biosorbent, *Acta Chimica Slovenica*, vol. 66, 648-658, 2019.
24. Keresztesi Á., Birsan M.V., Nita I.A., Bodor Zs., **Szép R.**, Assessing the neutralisation, wet deposition and source contributions of the precipitation chemistry over Europe during 2000–2017, *Environmental Sciences Europe*, vol. 31, Article number: 50, 2019. <https://doi.org/10.1186/s12302-019-0234-9>
25. Ciocănea C.M., Corpade P.C., Onose D. A., Vânău G.O., Malos C., Petrovici M., **Szep R. E.**: The assessment of lotic ecosystems degradation using multi-criteria analysis and GIS techniques. *Carpathian Journal of Earth and Environmental Sciences*, vol. 14(2), 255-268, 2019.
26. Keresztesi Á., Nita I.A., Birsan M.V., Bodor Zs., **Szép R.**: The risk of cross-border pollution and the influence of regional climate on the rainwater chemistry in the Southern Carpathians, Romania, *Environmental Science and Pollution Research*, 2020. <https://doi.org/10.1007/s11356-019-07478-9>
27. Keresztesi Á., Nita I.A., Birsan M.V., Bodor Zs., Pernyeszi T., Micheu M.M., **Szép R.**: Assessing the variations in the chemical composition of rainwater and air masses using the zonal and meridional index, *Atmospheric Research*, vol. 237, Article ID: 104846, 2020. <https://doi.org/10.1016/j.atmosres.2020.104846>
28. Birsan M.V., Nita I.A., Craciun A., Sfică L., Radu C., **Szep R.**, Keresztesi Á., Micheu M.M.: Observed changes in mean and maximum monthly wind speed over Romania since AD 1961. *Romanian Reports in Physics*, vol. 72, Article ID: 702, 2020.
29. Nita I.A., Sfica L., Apostol L., Radu C., Keresztesi Á., **Szep R.**: Changes in cyclone intensity over Romania according to 12 tracking methods. *Romanian Reports in Physics*, vol. 72, Article ID: 706, 2020.
30. Bodor K., Bodor Zs., **Szép R.**: The Trend of Trace Elements (Cd, Ni, Pb) from PM2.5 and PM10 Aerosols and its Effect on Human Health in Bucharest, Romania, *Revista de Chimie*, vol. 71(3), 433-439, 2020.
31. Rápó E., Aradi L.E., Szabó Á, Posta K., **Szép R.**, Tonk Sz.: Adsorption of Remazol Brilliant Violet-5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent, *Scientific Reports*, vol. 10 (8385), 2020.
32. Keresztesi Á., Nita I.A., Boga R., Birsan M.V., Bodor Z., **Szép R.**: Spatial and long-term analysis of rainwater chemistry over the conterminous United States. *Environmental Research.*, vol. 188, Article ID: 109872, 2020. <https://doi.org/10.1016/j.envres.2020.109872>.
33. Bodor Z., Bodor K., Keresztesi Á., **Szép R.**: Major air pollutants seasonal variation

analysis and long-range transport of PM 10 in an urban environment with specific climate condition in Transylvania (Romania). *Environmental Science and Pollution Research*, 2020. <https://doi.org/https://doi.org/10.1007/s11356-020-09838-2>.

34. Micheu M.M., Birsan M.V., **Szép R.**, Keresztesi Á., Nita I.A.: From air pollution to cardiovascular diseases: the emerging role of epigenetics. *Molecular Biology Reports*, 2020. <https://doi.org/10.1007/s11033-020-05570-9>
35. Boga R., Ágnes Keresztesi Á., Bodor Zs., Miklóssy I., Nita I.A., Birsan M.V., Micheu M.M., **Szép R.**: Influence of rising air temperature and solar radiation on the tropospheric ozone in the Ciuc basin, Romania. *Romanian Journal of Physics*, vol. 66, Article ID: 805, 2021.
36. Micheu M.M., Birsan M.V., Nita I.A., Andrei M.D., Nebunu D., Acatrinei C., Sfică L., **Szép R.**, Keresztesi Á., F-dez de Arróyabe Hernáez P., Onciul S., Scafa-Udriste A., Dorobantu M.: Influence of meteorological variables on people with cardiovascular diseases in Bucharest, Romania (2011-2012). *Romanian Reports in Physics*, vol. 73, 2021.
37. Bodor K., Micheu M.M., Keresztesi Á., Birsan M.V., Nita I.A., Bodor Zs., Petres S., Korodi A., **Szép R.**: Effects of PM10 and Weather on Respiratory and Cardiovascular Diseases in the Ciuc Basin (Romanian Carpathians). *Atmosphere*, vol. 12, article number: 289, 2021. <https://doi.org/10.3390/atmos12020289>
38. Boga, R., Keresztesi, Á., Bodor, Zs., Tonk, Sz., **Szép, R.**, Micheu, M.M., Source identification and exposure assessment to PM10 in the Eastern Carpathians, Romania. *J Atmos Chem*, 2021. <https://doi.org/10.1007/s10874-021-09421-0>
39. Kósa CsA, Nagy K, Szenci O, Baska-Vincze B, Andrásófszky E, Szép R, Keresztesi Á, Mircean M, Taulescu M, Kutasi O (2021) The role of selenium and vitamin E in a Transylvanian enzootic equine recurrent rhabdomyolysis syndrome. *Acta Veterinaria Hungarica* 69 (3).
40. Bodor, K., Bodor, Z. & Szép, R. Spatial distribution of trace elements (As, Cd, Ni, Pb) from PM10 aerosols and human health impact assessment in an Eastern European country, Romania. *Environ Monit Assess* 193, 176 (2021). <https://doi.org/10.1007/s10661-021-08931-4>
41. Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, **Róbert SZÉP**, Human health impact assessment and temporal distribution of trace elements in Copșa Mică-Romania, *Scientific Reports*, 11:7049, 2021.
42. Katalin BODOR, Zsolt BODOR, Alexandru SZÉP, **Róbert SZÉP**, Classification and hierarchical cluster analysis of principal Romanian bottled mineral waters, *Journal of Food Composition and Analysis*, 100, 2021, 103903.

43. Katalin BODOR, **Róbert SZÉP**, Zsolt BODOR, The human health risk assessment of particulate air pollution (PM_{2.5} and PM₁₀) in Romania, *Toxicology Reports*, 9, 2022, 556-562.
44. BODOR Katalin, **SZÉP Róbert**, BODOR Zsolt, Time series analysis of the air pollution around Ploiesti oil refining complex, one of the most polluted regions in Romania. *Scientific Reports*, 12, 11817, 2022.
45. Bodor Katalin, **Szép Róbert**, Keresztesi Ágnes, Bodor Zsolt, Temporal evolution of PM_{2.5}, PM₁₀, and total suspended particles (TSP) in the Ciuc basin (Transylvania) with specific microclimate condition from 2010 to 2019. *Environ Monit Assess.* 2023 Jun 2;195(7):798. doi: 10.1007/s10661-023-11407-2.
46. Katalin Bodor, Bernadett Tokos, Zsolt Bodor, Ágnes Keresztesi, Szilvia László, George Garbacea, **Róbert Szép**, Hydro-geochemical characterization of the main European mineral water brands, *Journal of Food Composition and Analysis*, Volume 122, 2023, 105438, <https://doi.org/10.1016/j.jfca.2023.105438>.
47. Katalin Bodor, Róbert Szép, Zsolt Bodor, Examination of air pollutants and their risk for human health in urban and suburban environments for two Romanian cities: Brasov and Iasi, *Heliyon*, Volume 9, Issue 11, 2023, e21810, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2023.e21810>.
48. Bodor Katalin, Tamási Borbála, Keresztesi Ágnes, Bodor Zsolt, Orbán Kálmán Csongor, Szép Róbert, A comparative analysis of the nutritional composition of several dairy products in the Romanian market, *Heliyon*, DOI: 10.1016/j.heliyon.2024.e31513
49. Bodor Katalin, Tamási Borbála, Len Adél, Keresztesi Ágnes, Szép Róbert, Bodor Zsolt, Investigation of the properties of different potato varieties and analysis of the starch structure, *Applied Food Research* DOI: <https://doi.org/10.1016/j.afres.2025.100998>

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaționale).

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

-

E. Editare, coordonare de volume

B. Roșca, L. Niacșu, R. Szép., Particularități pedogenetice în aria vulcanică a Harghitei și Depresiunea Ciucului, Editura Universității "Alexandru Ioan Cuza" din Iași, Iași, 2025, ISBN 978-606-714-949-4

F. Brevete de invenții și alte titluri de proprietate

RO136002(A0) – 2022-09-0 **Rover Autonom pentru Colectarea și Raportarea Valorilor Calității Aerului,**

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. **Responsabil proiect ADER 16.3.4.** - "Studii și cercetări privind dezvoltarea fermelor și gospodăriilor țărănești montane prin optimizarea utilizării pajiștilor silvo-pastorale bazată pe amenajarea, evaluarea valorii nutritive și a capacității de încărcare a acestora pe specii de animale, bovine, ovine, caprine, existente la nivel local, comparativ cu rasele specializate", valoare proiect 900.000 RON total proiect, din care 164.611 RON pentru partener.
2. **Responsabil proiect ADER 5.2.1.** - "Cercetări privind perfecționarea sistemului de monitorizare, prevenire și control a principalelor boli bacteriene și dăunători de carantină care afectează producerea cartofului în România, Clavibacter, Ralstonia, Synchitrium endobioticum, Ditylenchus sp".
3. **Responsabil proiect ADER 5.2.2.** - "Cercetări privind elaborarea unui sistem inovativ de monitorizare a afidofaunei și a sistemelor de monitorizare, control și testare a calității biologice la cartoful de sămânță".
4. **Responsabil proiect ADER 7.3.15.** - "Stabilirea măsurilor și mijloacelor de prevenire și combatere integrată a dăunătorului Tuta absoluta, molia minieră la culturile de tomate în spații protejate".
5. **Responsabil proiect ADER 13.1.1.** – "Cercetări privind ameliorarea, protecția și conservarea resurselor genetice din apele interioare și din acvacultura României".
6. **Director proiect ADER 23.1.3.** – "Evaluarea și creșterea viabilității unor specii de polenizatori din zonele Carpatice", valoare proiect 1.100.000 RON.
7. **Membru proiect - ADER:** Studiul modificării fenologiei culturilor de cartof în zonele montane în contextul schimbărilor climatice. Contract 5.1.5/17.07.2023 1.100.000 RON
8. **Membru proiect - ADER** - Studii privind variația spațio-temporală a chimismului precipitațiilor din Carpați și aportul ionic asupra pajiștilor montane. Contract 23.1.2/14.07.2023 - 1.100.000 RON
9. **Membru proiect - ADER** - Monitorizarea stării de conservare a biodiversității vegetale din agroecosistemele zonelor umede la nivel național, cuprinse în măsura GAEC 2-Planul National Strategic-. Contract 23.1.5/13.07.2023 - 1.200.000 RON

Expert de mediu (ianuarie 2015 – august 2016) - Institutul National de Cercetare-Dezvoltare pentru Protectia Mediului - Programul Operațional Sectorial Transport -

”Monitorizarea impactului asupra mediului a lucrărilor de îmbunătățire a condițiilor de navigație pe Dunăre între Călărași și Brăila, între km 175 și km 375” 2011-2017

Hidrogeolog - Studiul fizico-chimic și microbiologic al sistemului de apă potabilă al fabricii de bere de la Sânsimion al companiei Sc. Lixid Project SRL. Nr. inreg. Univ. Sapientia: 57/23.01.2015, Perioada: 23.01.2015 – 31.07.2015. Szerződő felek. Sapientia EMTE -Sc. Lixid Project SRL

Hidrogeolog - Studiul fizico-chimic și microbiologic și igienico-sanitar la noua fabrică de bere de la Sânsimion. Nr. de inregistrare Univ. Sapientia: 231/11.12.2015, Perioada: 11.12.2015 – 31.05.2016, Szerződő felek. Sapientia EMTE - Sc. Xindex Eco SRL

H. Creația artistică

H1 Participări la manifestații artistice internaționale

H2. Participări la manifestații artistice naționale

H3. Expoziții, filme, spectacole, concerte, discuri de autor, opere internaționale

H4. Expoziții, filme, spectacole, concerte, discuri de autor, opere naționale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

III. RECUNOAȘTEREA

I. Premii, distincții.

1. Ilie M., **Szep R.**, Marinescu F., Ghita G., Deak Gy., Petrescu A., Anghel A.M., Uritescu B., Raischi M., Savin I., Ecological risk assessment of heavy metals in surface sediments from the Danube River, 1st International Conference on „Ecology and Protection of Marine and Freshwater Environments” ECOPROWATER 2015, October 1-3, 2015 at Viterbo – Italy, pg.56, **Premiul I la secțiunea de prezentare postere**
2. **AUR Euroinvent** - Ilie Andrei-Gabriel, Deák György, **Szép Róbert-Eugen**, Keresztesi Ágnes-Zsuzsa, Gold medal, 14 editon of 2022 Euroinvent European Exhebition of Creativiti and Innovation, 28.05.2022
3. **Premiu de excelență EUROinvent** - **Szép Róbert**, Keresztesi Ágnes, Deák György, Matei Monica, Gold medal, 16th editon of 2024 Euroinvent European Exhebition of Creativiti and Innovation, 08.06.2024

J. Citări

Citări Scopus: 1019

Indice Hirsch: 18

Factor de impact (cumulat): 111.904

Atricole Q1 – 12

Articole Q2 – 9

Proiecte de cercetare dezvoltare inovare

- manager de proiect, director de proiect, responsabil proiect -13
- membru în echipe de proiect - 4

Anul	Nume autori, titlul articolului	2020	2021	2022	2023	2024	Total	IF al revistei	Articole (Q1,Q2..)
2019	Keresztesi Ágnes, Birsan Marius-Victor, Nita Ion-Andrei, Bodor Zsolt, Szép Róbert, "Assessing the neutralisation, wet deposition and source contributions of the precipitation chemistry over Europe during 2000–2017"	13	20	19	13	16	81	5.9	Q1
2020	Rápó Eszter, Aradi Laszlo Előd, Szabó Abél, Posta Katalin, Szép Róbert, Tonk Szende, "Adsorption of Remazol Brilliant Violet- 5R Textile Dye from Aqueous Solutions by Using Eggshell Waste Biosorbent"	3	14	19	6	9	51	4,6	Q1
2020	Keresztesi Ágnes, Nita Ion-Andrei, Boga Réka, Birsan Marius-Victor, Bodor Zsolt, Szép Róbert, "Spatial and long-term analysis of rainwater chemistry over the conterminous United States"	2	11	13	13	11	50	8.3	Q1
2020	Keresztesi Ágnes, Nita Ion-Andrei, Birsan Marius-Victor, Bodor Zsolt, Pernyeszi Timea, Micheu Miruna Mihaela, Szép Róbert, "Assessing the variations in the chemical composition of rainwater and air masses using the zonal and meridional index"	5	15	5	2	4	31	5.5	Q2
2020	Bodor Zsolt, Bodor Katalin, Keresztesi Ágnes, Szép Róbert, "Major air pollutants seasonal variation analysis and long-range transport of PM ₁₀ in an urban environment with specific climate condition in Transylvania (Romania)"	2	10	9	25	25	71	5.4	Q3
2020	Keresztesi Ágnes, Nita Ion-Andrei, Birsan Marius-Victor, Bodor Zsolt, Szép Róbert, "The risk of cross-border pollution and the influence of regional climate on the rainwater chemistry in the Southern Carpathians, Romania"	5	9	1	3	4	22	5.4	Q3
2020	Micheu Miruna-Mihaela, Birsan Marius-Victor, Szép Róbert, Keresztesi Ágnes, Nita Ion-Andrei, "From air pollution to cardiovascular diseases: the emerging role of epigenetics"	-	4	5	6	3	18	2,7	Q2
2020	Birsan Marius-Victor, Nita Ion-Andrei, Craciun, Alexandra, Sfica Lucian, Radu Crina, Szép Róbert, Keresztesi Ágnes, Micheu Miruna Mihaela, "Observed changes in mean and maximum monthly wind speed over Romania since AD 1961"	3	3	5	2	4	17	2.7	Q3
2020	Nita Ion-Andrei, Sfica Lucian, Apostol Liviu, Radu Crina, Birsan Marius-Victor, Szép Róbert, Keresztesi Ágnes, "Changes in cyclone intensity over romania according to 12 tracking methods"	-	4	3	-	-	7	2.7	Q3
2021	Bodor Katalin, Bodor Zsolt, Szép Alexandru, Szép Róbert, "Human health impact assessment and temporal distribution of trace elements in Copsa Mică- Romania"		1	1	2	3	7	4,6	Q1
2021	Bodor Katalin, Bodor Zsolt, Szép Alexandru, Szép Róbert, "Classification and hierarchical cluster analysis of principal Romanian bottled mineral waters"		1	4	5	2	12	4.5	Q1
2021	Bodor Katalin, Micheu Miruna Mihaela, Keresztesi Ágnes, Birsan Marius-Victor, Nita Ion-Andrei, Bodor Zsolt, Petres Sandor, Korodi Attila, Szép Róbert, "Effects of PM ₁₀ and Weather on Respiratory and Cardiovascular Diseases in the Ciuc Basin (Romanian Carpathians)"	-	3	2	4	4	13	2.9	Q2
2021	Bodor Katalin, Bodor Zsolt, Szép Róbert, "Spatial distribution of trace elements (As, Cd, Ni, Pb) from PM ₁₀ aerosols and human health impact assessment in an Eastern European country, Romania"	-	1	5	4	6	16	3,0	Q3

Anul	Nume autori, titlul articolului	2020	2021	2022	2023	2024	Total	IF al revistei	Articole (Q1,Q2..)
2021	Boga Reka, Keresztesi Agnes, Bodor Zsolt, Tonk Szende, Szep Robert, Micheu Miruna Mihaela, "Source identification and exposure assessment to PM ₁₀ in the Eastern Carpathians, Romania"	-	1	1	1	1	4	2,3	Q3
2021	Kosa Csaba Attila, Nagy Krisztina, Szenci Otto, Baska-Vincze Boglarka, Andrasofszky Emese, Szep Robert, Keresztesi Agnes, Mircean Mircea, Taulescu Marian, Kutasi Orsolya, "The role of selenium and vitamin E in a Transylvanian enzootic equine recurrent rhabdomyolysis syndrome"	-	-	-	-	-	0	0,9	Q3
2021	Micheu Miruna-Mihaela, Birsan, Marius-Victor, Nita Ion-Andrei, Andrei Meda-Daniela, Nebunu Delia, Acatrinei Camelia, Sfica Lucian, Szep Robert, Keresztesi Agnes, De Arroyabe Hernaez Pablo Fernandez, Onciul Sebastian, Scafa-Udriste Alexandru, Dorobantu Maria, "Influence of meteorological variables on people with cardiovascular diseases in Bucharest, Romania (2011-2012)"	-	1	3	-	3	7	2.7	Q3
2021	Boga Reka, Keresztesi Agnes, Bodor Zsolt, Miklosy Ildiko, Nita Ion-Andrei, Birsan Marius-Victor, Micheu Miruna Mihaela, Szep Robert, "Influence of rising air temperature and solar radiation on the tropospheric ozone in the Ciuc Basin, Romania"	-	-	-	-	-	0	2,7	Q3
2022	Katalin Bodor, Róbert Szép, Zsolt Bodor, "The human health risk assessment of particulate air pollution (PM _{2.5} and PM ₁₀) in Romania"	-	-	4	18	21	42	7,2	Q1
2022	Bodor Katalin, Szép Róbert, Bodor Zsolt, "Time series analysis of the air pollution around Ploiesti oil refining complex, one of the most polluted regions in Romania"	-	-	3	3	8	14	4,6	Q1
2023	Bodor Katalin, Szép Róbert, Bodor Zsolt, "Examination of air pollutants and their risk for human health in urban and suburban environments for two Romanian cities: Brasov and Iasi"	-	-	-	-	1	1	4,0	Q2
2023	Bodor Katalin, Tokos Bernadett, Bodor Zsolt, Keresztesi Ágnes, László Szilvia, Garbacea George, Szép Róbert, "Hydro-geochemical characterization of the main European mineral water brands"	-	-	-	-	1	1	4.3	Q2
2023	Bodor Katalin, Szép Róbert, Keresztesi Ágnes, Bodor Zsolt, "Temporal evolution of PM _{2.5} , PM ₁₀ , and total suspended particles (TSP) in the Ciuc basin (Transylvania) with specific microclimate condition from 2010 to 2019"	-	-	-	-	2	2	3.0	Q3
2024	Bodor Katalin, Tamási Borbála, Keresztesi Ágnes, Bodor Zsolt, Orbána Kálmán Csongor, Szép Róbert, "A comparative analysis of the nutritional composition of several dairy products in the Romanian market"	-	-	-	-	-	0	3.4	Q2
2024	Bartos Hunor, Bodor Zsolt, Keresztesi Ágnes, Gârbacea George, Deak György, Matei Monica, Lucian Laslo, Boboc Madalina, Szép Róbert, "Advances in Beehive Monitoring Systems: Low-Cost Integrating Sensor Technology for Improved Apiculture Management"	-	-	-	-	-	0	0.78	ISP Pro-ceedings

K. Alte realizări semnificative.

Data, 14.10.2025

Lista de lucrări în domeniul de studii universitare de licență

Numele și prenumele: Szilveszter Szabolcs

A. Teza de doctorat

Theoretical and Experimental Contributions in the Study of Biological Processes in Aqueous Environment, Prof.dr.ing. Dan Robescu Niculae, Universitatea Politehnica din Bucuresti, Facultatea Energetica, Catedra de Hidraulica, Masini Hidraulice si Ingineria Mediului

B. Cărți și capitole de cărți

1. Orbán Kálmán-Csongor, **Szilveszter Szabolcs**, Számítógépes grafika – AutoCAD, 2022, pp. 97, ISBN 978-973-0-36554-2
2. **Szilveszter Sz.**, Climate Security pp. 167-182, Security, Resilience and Sustainability of the European Union. Ed. Anna Molnár, Harnos Éva Jakusné, and Mónika Szente-Varga. Budapest: Ludovika University Press, ISBN: 9786156598042, 2023.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Fikó DR, Ráduly B, Máthé I, Felföldi T, Lányi S, **Szilveszter S.** Bioaugmentation Potential Investigation Using a Phenol Affinity Analysis of Three Acinetobacter Strains in a Multi-Carbon-Source Condition. Water. 2023 Aug 3;15(15):2815.
2. **Szilveszter, SZ.**, Fikó, D. R., Máthé, I., Felföldi, T., & Ráduly, B. (2023). Kinetic characterization of a new phenol degrading Acinetobacter towneri strain isolated from landfill leachate treating bioreactor. World Journal of Microbiology and Biotechnology, 39(3), 79.
3. **Szilveszter, Sz.**, Beltran, R., & Fuentes, A. Performance analysis of the domestic water meter park in water supply network of Ibarra, Ecuador. Urban Water Journal, 14(1), 85-96, 2017.
4. B. Ráduly, L. Gyenge, **Sz. Szilveszter**, A. Kedves, S. Crognale, Treatment of corn ethanol distillery wastewater using two-stage anaerobic digestion, Water Sci Technol. 74(2):431-7, 2016.
5. Felföldi, T., Kovács, E., Fikó, D.R., Tankó, Gy., Szabó, A., Nagymáté, Zs., **Sz. Szilveszter**, Máthé, I. 2015. Applying unconventional techniques for the laboratory cultivation of new bacterial strains\Hagyományostól eltérő eljárások alkalmazása új baktériumtörzsek laboratóriumi tenyésztése érdekében. Hidrológiai Közlöny Journal of the Hungarian Hydrological Society 95:19-21, 2015.
6. **Sz. Szilveszter**, Raduly, B., Abraham, B., Lanyi, Sz., In Situ Imaging of Biopolymers and Extracellular Enzymes in Activated Sludge Flocs of a Municipal Wastewater Treatment Plant, J Chem Technol Biot, Vol. 88, Issue 7, pp 1295–1304, 2013. Cited by: 7.
7. Kibédi-Szabó, Cs.Z., Stroescu, M., Stoica-Guzun, A., Jinga, S.I., **Sz. Szilveszter**, Jipa, I., Dobre, T., Biodegradation Behavior of Composite Films with Poly (Vinyl Alcohol) Matrix, J Polym Environ, 20(2), pp. 422-430, 2012. Cited by: 10.
8. Sz. Szilveszter, Raduly, B., Abraham, B., Lanyi, Sz., Robescu D.N., “Mathematical models for domestic biological wastewater treatment process”, EEMJ, 9(5), pp. 629-635, 2010. Cited by: 10.
9. **Sz. Szilveszter**, Raduly, B., Bucs,Sz., Abraham, B., Szabolcs Lanyi, Lanyi, Sz., Robescu D.N., Activated Sludge Floc Characterization by Confocal Laser Scanning Microscopy, EEMJ, 11 (3): 669-674, 2012. Cited by: 5.
10. **Sz. Szilveszter**, Raduly, B., Miklossy, I., Lanyi, Sz., Robescu D.N., “Enzymatic activity studies of biological wastewater treatment”, Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 54 Special Issue 2,pp.113-122, 2009. Cited by: 1.
11. Raduly, B., Corognale, S., **Sz. Szilveszter**, Meszaros A., “Modeling of the Biochemical Processes of the Activated Sludge Wastewater Treatment Technology”, Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 54 Special Issue 2, pp 135-146, 2009.
12. Sz. Szilveszter, Raduly, B., Miklossy, I., Abraham, B., Lanyi, Sz., Robescu D.N., “Lab scale sequencing batch reactor (sbr) construction and characterization for dynamic modeling with activated sludge model (ASM).” Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 55 Special Issue, pp 119-133, 2010. Cited by: 1.

13. **Sz. Szilveszter**, Miklóssy, I., Mészáros, A., Ábrahám, B., Raduly, B., Robescu D.N., Lányi, Sz., "Enzyme activities and distribution in activated sludge in a lab-scale sequencing batch reactor (SBR)", University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, Vol. 72 Issue 2., pp 141-150, 2010. Cited by: 1.
14. Harai (Molnos), É., **Sz. Szilveszter**, Abraham, B., Nagy, I., Lányi, Sz., Munteanu, O., "Biohydrogen production with photosynthetic bacteria." Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 54, Special Issue 2, pp 61-68, 2010.
15. Miklóssy, I., Szilágyi, L., Ábrahám, B., **Sz. Szilveszter**, Lányi, Sz., "Obtention of the Ancestral Proteinase Stemzyme-IDP-β by Heterologous Expression." , Studia Universitatis Babes-Bolyai Seria Chemia, Vol. 54, Special Issue 2, pp 11-20, 2010.

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale)

1. Szilágyi Laszlo, Ábrahám Beata, Miklóssy Ildiko, **Szilveszter Szabolcs**, Gálicza Judit, Lányi Szabolcs, "Modeling studies on the ancestral proteinase stemzyme IDP-B", University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, Vol. 72 Issue 2., 161-168, 2010
2. **Szilveszter Szabolcs**, Miklóssy Ildiko, Mészáros Alexandru, Ábrahám Beata, Ráduly Botond, Robescu Dan Niculae, Lányi Szabolcs, "Enzyme activities and distribution in activated sludge in a lab-scale sequencing batch reactor (SBR)", University Politehnica Of Bucharest, Scientific Bulletin Series B: Chemistry And Materials Science, Vol. 72 Issue 2., pp 141-150, 2010
3. Beata Ábrahám ; Ildikó Miklóssy ; Erika Kovács ; Éva Tamás ; Ildikó Mészáros ; **Szabolcs Szilveszter** ; Aurelia Brezeanu ; Szabolcs Lányi, "Genetic Analysis of Pinus sylvestris L. and Pinus sylvestris forma turfosa L. Using RAPD Markers", Notulae Scientia Biologicae, Vol 2, No 1, 129-132, 2010.

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. **Szabolcs Szilveszter**, Botond Raduly, Szilard Bucs, Dan Robescu Niculae, Szabolcs Lanyi, Characterization of activated sludge flocs by CLSM microscopy with different staining methods, 1st Danube – Black Sea Regional Young Water Professionals Conference, Innovations in the field of water supply, sanitation and water quality, Palace of parliament Bucharest, 2011, june 14-15.
2. A. Szabó, I. Máthé, **Sz. Szilveszter**, Laura Jurecska, B. Vajna, K. Márialigeti, T. Felföldi, Next generation amplicon sequencing of the microbial community of a crater lake (Lake Saint Ana, Romania), Acta Microbiologica et Immunologica Hungarica, 60, pp: 236, 2013, Proceeding of the 4th Central European Forum for Microbiology.

F. Invenții:

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. Programe 4, 31/048 Programe /"Microbial inoculants for sustainable agriculture systems." MIMOSA – Cercetator;
2. Programe 4 -PNCDI2/"Redesigning enzyme specificity by directed evolution: elaboration of a serine protease with specificity to the C-terminal cleavage of phosphotyrosine containing proteins." PHOSPHOTYRASE – Cercetator;
3. "BIOPREP Microbial biopreparates for increasing the productivity and crop protection" research funded by Sectorial Operational Programme, Increase of Economic Competitiveness Operation 2.1.1. of the Romanian Ministry of Labour, Family and Social Protection, through financial agreement POSCEE No. 469/11817. – Cercetator;
4. Chemical and microbiological analysis of Saint Anne Lake, 2011-2014, SOIPC (KPI) Hungarian University of Transylvania - Cercetator;

5. Retrieving new bacterial isolates for potential bioremediation and biotechnological applications, Romanian National Authority for Scientific Research, CNCS – UEFISCDI; project number PN-II-RU-TE-2012-3-0319 - Cercetator;
6. Water network sectorization and non-revenue water loss analysis of water supply network in Ibarra city Ecuador / Actualizacion de la sectorizacion hidraulica y programa de reduccion de perdidas de agua en la Ciudad de Ibarra y asesoramiento en su implementacion y puesta en marcha, Senescyt – Prometeo Project, Ecuador; Financial Agreement No. 2013-11, 28.8.2013; Bugetul proiectului: 93.267,86 \$ –Director de proiect.
7. Aerobic granular sludge phenol removal intensification with bioaugmentation 2017-2018, SOIPC (KPI) Hungarian University of Transylvania, Project Budget: 10.000 € - Project director;
8. Interdisciplinary Training on EU Security, Resilience and Sustainability - A Simulation Supported Massive Open Online Course (EUSecure). Id: 2020-1-HU01-KA203-078719, Buget:335.070 Eur, Sapientia University 42.350 Eur – Researcher
9. Developing innovative processes and products in the forestry sector to increase competitiveness and quality of life. Consultancy in bacterial isolation, testing and composting technology, contract manager, Contract No. 95/15.06.2022, Ocolul Silvic de Regim Gheorgheni SA, Project budget: 49742 RON ≈ 9999.6 EUR.

K. Participări la conferințe naționale și internaționale

1. Ndeba-Nganongo, L. N.A., Ntawmpe, S.K.O., **Szabolcs, S.**, Itoba-Tombo, E.F., 2018. The Application of ADM/ASM Interface in Sumo Wide Plant Model. Paper presented at the 10th International Conference on Advances in science, Engineering, Technology and Healthcare, South Africa, 19-20 November 2018, Cape Town, South Africa. Pp. 231-235. ISBN - 978-81-938365-2-1
2. D.R Fikó, I. Máthé, T. Felföldi, **Sz. Szilveszter**, Microcosm studies on phenol degradation affinity of different bacterial strains in multiple carbon source environment, 10th Eastern European Young Water Professionals Conference, IWA, Zagreb, Croatia, 7-11 May, 2018;
3. Fikó, D.R., **Sz. Szilveszter**, Kovacs E., Máthé, I., Phenolic wastewater treatment potential of bacteria isolated from landfill leachate treating bioreactor. 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE 2017), Poiana Braşov, Romania, 06-09 June, 2017;
4. **Sz. Szilveszter**, Fikó D.R., Máthé I., Ráduly B., Felföldi T. Kinetics of phenol degradation by acinetobacter towneri strain isolated from activated sludge 9th Eastern European Young Water Professionals Conference, IWA, Budapest, Hungary, 24-27 May, 2017;
5. **Sz. Szilveszter**, Fikó, D.R., Máthé, I., Felföldi, T., Phenol Removal and Bioaugmentation Potential Analysis of Different Bacterial Strains in Wastewater, 1st International Conference on Air, Water, and Soil Pollution and Treatment (AWSPT'16), Prague, Czech Republic, March 30-31, 2016;
6. Fikó, D.R., Kovacs, E., **Sz. Szilveszter**, Felföldi, T., Máthé, I., Phenol Degradation Potential of Bacteria Isolated From Extreme Habitats, 1st International Conference on Air, Water, and Soil Pollution and Treatment (AWSPT'16), Prague, Czech Republic, March 30-31, 2016;
7. Felföldi T*, Kovács E, Fikó DR, Tankó Gy, Szabó A, Nagymáté Zs, **Sz. Szilveszter**, Máthé I. Unconventional strategies for the cultivation of new bacterial strains from aquatic environments. 17th International Congress of the Hungarian Society for Microbiology, Budapest (Hungary), 8-10 July 2015.
8. Felföldi T, Kovács E, Fikó DR, Tankó Gy, Szabó A, Nagymáté Zs, **Sz. Szilveszter**, Máthé I. Applying unconventional techniques for the laboratory cultivation of new bacterial strains. 13th Symposium on Bacterial Genetics and Ecology (BAGECO-13), Milan (Italy), 14-18 June 2015.
9. **Sz. Szilveszter**, Máthé, I., Abraham, B., Silvia Crognale, Ráduly, B., Effect of Salinity on Activated Sludge Treatment Performance and Floc Morphology, 7th Eastern European Young Water Professionals Conference, IWA, Belgrade, Serbia, 17-19 September, 2015;
10. Ráduly, B., Gyenge, L., **Sz. Szilveszter**, Orsolya Varga, Abraham, B., Crognale Silvia, Treatment of Corn Ethanol Distillery Wastewater Using Two-Stage Anaerobic Digestion, 7th Eastern European Young Water Professionals Conference, IWA, Belgrade, Serbia, 17-19 September, 2015;
11. **Sz. Szilveszter**, Mogos, G., Raul Beltran, Instrinsic error and economic analysis in domestic water meter park, The International Exhibition & Conference on Water Technology and Environmental Control (WATEC-Peru), Lima, Peru, 17-19 September, 2014;
12. Máthé, I., Kovács, E., Róbert Dezső Fikó, György Tankó, Zsuzsanna Nagymáté, Attila Szabó, **Sz. Szilveszter**, Tamás Felföldi, Enhancing the cultivability of bacteria with the combination of simple but unconventional methods, 15th International Symposium on Microbial Ecology (ISME), Seoul, South Korea, 24-29 August, 2014;

13. A. Szabó, I. Máthé, **Sz. Szilveszter**, Laura Jurecska, B. Vajna, K. Márialigeti, T. Felföldi, Next generation amplicon sequencing of the microbial community of a crater lake (Lake Saint Ana, Romania), 4th Central European Forum for Microbiology, Keszthely, Hungary, 16-18 October, 2013;
14. **Sz. Szilveszter**, Miklóssy Ildiko, Mészáros Alexandru, Ábrahám Beata, Raduly, B., Robescu Dan Niculae, Lanyi, Sz., Enzyme activities and distribution in activated sludge in a lab-scale sequencing batch reactor (SBR), 16th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, 9-12 sept. 2009;
15. **Sz. Szilveszter**, Rásuly Botond, Miklóssy Ildiko, Lanyi, Sz., Dan Robesc Niculae, Enzymatic activity studies of biological wastewater treatment (Enzimek tanulmányozása biológiai szennyvíztisztításkor) 15th International Conference of Chemistry, Tg-Mureş, Romania, 12-15 november, 2009;
16. Raduly, B., Crogonale Silvia, **Sz. Szilveszter**, Mészáros Sandor, Modeling of the biochemical processes of the activated sludge wastewater treatment technology (Az eleveniszapos szennyvíztisztítás biokémiai folyamatainak modellezése) 15th International Conference of Chemistry, Tg-Mureş, 2009, noiembrie 12-15.
17. **Sz. Szilveszter**, Rásuly Botond, Miklóssy Ildiko, Lanyi, Sz., Dan Robesc Niculae, Enzim aktivitás vizsgálat eleveniszap pelyhekben, Műszaki Kémiai Napok/Conference of Chemical Engineering 2010, Veszprém apr. 27-29 – Hungary
18. **Sz. Szilveszter**, Miklóssy Ildikó, Orbán Csongor, Bodor Zsolt, Lanyi, Sz., Dan Robescu Nicolae: Az alfa-glükózidáz és alkáli foszfátáz extrakciója és aktivitásvizsgálata eleveniszap pelyhekben. Magyar Tudomány Napja Erdélyben, Őszi természettudományi konferencia, 2009 nov. 21, Kolozsvár
19. **Sz. Szilveszter**, Raduly, B., Miklóssy Ildiko, Abraham Beata, Lanyi, Sz., Dan Robescu Niculae, Lab Scale Sequencing Batch Reactor Characterization For Dynamic Modelling with Activated Sludge Models (ASM) 16th International Conference of Chemistry, Cluj Napoca, 2010, nov. 11-14.
20. Bucs Szilard, **Sz. Szilveszter**, Lavric Vasile, Experimental study of free and partially flock's entrapped enzymes in activated sludge wastewater treatment system, 16th International Conference of Chemistry, Cluj Napoca, 2010, nov. 11-14.
21. **Sz. Szilveszter**, Botond Raduly, Szilard Bucs, Dan Robescu Niculae, Szabolcs Lanyi, Characterization of activated sludge flocs by CLSM microscopy with different staining methods, 1st Danube – Black Sea Regional Young Water Professionals Conference, Innovations in the field of water supply, sanitation and water quality, Palace of parliament Bucharest, 2011, June 14-15.
22. **Sz. Szilveszter**, Szilard Bucs, Botond Raduly, Beata Abraham, Szabolcs Lanyi, Dan Robescu Niculae, Activated sludge floc characterization by Confocal Laser Scanning Microscopy, 6th International Conference on Environmental Engineering and Management – Green Future, Balatonalmádi, Hungary, 2011, September 1-4
23. Szilágyi, Laszlo, Ábrahám Beata, Miklóssy Ildiko, **Sz. Szilveszter**, Gálicza Judit, Lanyi, Sz., "Modeling studies on the ancestral proteinase stemzyme IDP-B", 16th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, 9-12 sept. 2009
24. Bodor Zsolt, Kovács Erika, Miklóssy Ildikó, Abraham, B., Bálint Emese-Éva, Orbán Kálmán Csongor, Tamás Éva, **Sz. Szilveszter**, Lanyi, Sz.: Termostabil enzimek extracelluláris heterológ expressziója keményítő tartalmú hulladékok kezelésére. Magyar Tudomány Napja Erdélyben, Őszi természettudományi konferencia, 2009 nov. 21, Kolozsvár
25. Bodor Zsolt, Kovács Erika, Miklóssy Ildiko, Ábrahám Beata, Bálint Emese, Orbán Csongor, Tamás Éva., **Sz. Szilveszter**, Lányi Sz., Heterologous expression of alpha-amylase in E. Coli (Alfa-amiláz heterológ expressziója E. Coli-ban) 15th International Conference of Chemistry, Tg-Mureş, 2009, noiembrie 12-15.
26. **Sz. Szilveszter**, Raduly, B., Abraham Beata, Activated sludge floc characterization by Confocal Laser Microscopy, 18th International Conference on Chemistry, Baile Felix, Romania, 22-25 November, 2012.

III. RECUNOAȘTEREA

I. Premii, distincții.

- 2016 - Best Paper Award, World Congress on Civil, Structural and Environmental Engineering (CSEE'16), Prague, Czech Republic.
- 2017 - Young University Lecturer Scholarship, Ministry of Human Capacities (Hungarian Government) and Eötvös Loránd University, 500000 HUF (≈1600€) scholarship award.
- 2018 - Young University Lecturer Scholarship, Ministry of Human Capacities (Hungarian Government) and Eötvös Loránd University, 500000 HUF (≈1600€) scholarship award.
- Seal of Excellence for project proposal 841974 DI-AGS submitted to H2020-MSCA-IF-2018 of 12 September 2018. Certificate delivered by the European Commission as the institution managing Horizon 2020, the EU Framework Program for Research and Innovation 2014-2020.

J. Citări

Citări Google Scholar

Citări: 154

h-index= 8

Data, 08.10.2025

Nume Prenume

Szilveszter Szabolcs

Lista de lucrări

NUMELE ȘI PRENUMELE: TÁNCZOS SZIDÓNIA KATALIN

A. Teza de doctorat.

Titlul: Concentrarea iodului prin membrane emulsie și flotație - Iodide concentration through flotation and emulsion membranes

Conducătorul tezei: Prof. dr. ing. Gheorghe Nechifor

Institutul: Facultatea de Chimie Aplicată și Știința Materialelor, Universitatea Politehnica din București

Calificativul: Foarte bine

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

Szevetlen kémia laboratórium gyakorlatok - Dr. Tánczos Szidonia Katalin

<http://emte.siculorum.ro/~tanczosszidonia/Szervetlen%20kemia%20laborgyakorlatok.doc>

B5. Capitole de cărți publicate în străinătate

B6. Capitole de cărți publicate în țară:

1. Cristiana Olteanu **Tanczos Szidonia Katalin**, Membrane materials/Membranes/Membrenes processes Volumul II, Pervaporatia-Proces membranar - Editura PRINTECH, Bucureșt 2011

2. **Szidonia Katalin Tanczos**, Sergiu Sava- Separarea recuperativa a aminelor aromatice prin membrane- Membrane materials/Membranes/Membrenes processes Volumul II - Editura PRINTECH, Bucureșt 2011

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1.AURELIA CRISTINA NECHIFOR, SERGIUA SAVA, OVIDIU GALES, **TANCZOS SZIDONIA KATALIN** , ALEXANDRA RALUCA MIRON, IODINE SEPARATION BY IONIC FLOTATION - Revista de Chimie, Vol 1 2013 p. 11-15 IF: 0.677

2. AURELIA CRISTINA NECHIFOR, VALERIU DANCIULESCU, ALEXANDRA RALUCA MIRON, **SZIDONIA-KATALIN TANCZOS**, OANAMARI DANIELA BUTUCEA, Regenerative iodine recuperation using medium saturated alcohols - based liquid membranes, Romanian Biological Letters, Vol. 17, No.6, 2012, p. 7835-7845, IF: 0.363

3. OCTAVIAN DORCA, PIOTR SZCZEPANSKI, VERONICA IONELA PANAIT, **SZIDONIA-KATALIN TANCZOS**, ANDREEA RADUCU, CRISTINA ORBECI, Transport and Separation of Zn(II)/Mn(II) in a MultimembraneHybrid System (MHS) - Rev. Chim., 64(9), 2013, p. 946-950. IF 0.677

4. CRISTINA ORBECI, VERONICA PANAIT, LACRAMIORA NAFTANAILA, OCTAVIAN DORCA, **SZIDONIA-KATALIN TANCZOS**, ALEXANDRA RALUCA MIRON The study of protein recovery using molecular flotation and ultrafiltration, Revista de chimie, 2013 nr. 12. pag 1385-1389 IF 0.677

5. C. ORBECI , **SZIDONIA KATALIN TANCZOS**, E. VASILE, A. DINU, A.C. NECHIFOR, Preparation and properties of a photocatalyst with TiO₂ nanoparticles OPTOELECTRONICS AND ADVANCED MATERIALS – RAPID COMMUNICATIONS, 2013 IF: 0.449

6. PIOTR SZCZEPAN, **TANCZOS SZIDONIA-KATALIN**, LUCIAN D. GINDEANU, ROMULAD WODZKIA Transport of p-nitrophenol in an agitated bulk liquid membrane system – Experimental and theoretical study by network analysis, Separation and Purification Technology, 132 (2014) 616-626 IF 3,091

7. **SZIDONIA-KATALIN TANCZOS**, IRINA CHICAN, ALEXANDRA RALUCA MIRON, DOINA ANTONETA RADU, ANDREEA RADUCU, AURELIA CRISTINA NECHIFOR Emulsion Membranes Iodine Separation, I. Preparation of organic phase membrane emulsion / receiving aqueous solution- REVISTA CHIMIE (Bucharest) 65 No.6 2014, 636-643 IF: 0.810

8. **SZIDONIA-KATALIN TANCZOS**, ALEXANDRA RALUCA MIRON, ANDREEA DINU, ANDREEA RADUCU, ALINA CRISTEA, AURELIA CRISTINA NECHIFOR Emulsion Membranes Iodine Separation Iodine Separation with Emulsion Membranes Based on Cyclohexanol II- REV. CHIM. (Bucharest) 65 No.7 2014, 744-749 IF: 0.810

9. MIRON ALEXANDRA RALUCA, RIKABI ABBAS ABDUL KADHIM KLAIF, NICOLAIE ALEXANDRA, GABRIELA RADU, DOINA ANTONELA, IORDACHE IONUT, **TANCZOS SYIDONIA KATALIN** , SEPARATION OF CHLOROPHENOLS USING INVERSE EMULSION WITH CARRIER, REVISTA DE CHIMIE Volume: 65 Issue: 10 Pages: 1129-1134 Published: OCT 2014 IF: 0.810

10. **SZIDONIA-KATALIN TANCZOS**, ALEXANDRA RALUCA MIRON, ABBAS ABDUL KADHIM KLAIF RIKABI, MARIETA GHIMPUSAN, SERGIU SAVA, AURELIA CRISTINA NECHIFOR Iodine Ionic-Molecular Flotation in a Lab-made Device/ Installation and Preliminary Tests- REV. CHIM. (Bucharest) 65 No.8 2014, 880-883, IF: 0.810

11. ALEXANDRA RALUCA MIRON¹, ABBAS ABDUL KADHIM KLAIF , ALEXANDRA-GABRIELA NICULAE, **SZIDONIA-KATALIN TANCZOS**, Kinetic Study of Alizarin Saphirol and Indigo Carmine Dyes Adsorption Process, REV. CHIM. (Bucharest) ♦ 66 ♦ No. 1 ♦ 2015 IF: 0.95

12. ALEXANDRA RALUCA MIRON, AURELIA CRISTINA NECHIFOR, ABBAS ABDUL KADHIM KLAIF RIKABI, **TANCZOS SZIDONIA KATALIN**, Separation of aromatic intermediates of biological interest using emulsion liquid membranes , Environmental Engineering and Management Journal 14 (2015), 2, 373-379 IF: 1.008

13. MIHAELA EMANUELA CRACIUN¹, GEORGIANA CRETU¹, CRISTINA MONICA MIREA¹, **SZIDONIA-KATALIN TANCZOS**, ALEXANDRU-GEORGE POPA, ALEXANDRA RALUCA MIRON, Anthocyanins Identification, Separation and Measurement from Cranberry, Blueberry, Bilberry, Chokeberry and Acai Berry Extracts by HPTLC, REV. CHIM. (Bucharest) ♦ 66 ♦ No. 7 ♦ 2015 IF: 0.95

14. Nechifor Aurelia Cristina; Rikabi Abbas Abdul Kadhim Klaif, Daniela Dumitra, **Tanczos, Szidonia-Katalin**; Trisca-Rusu Corneliu; Orbeci Cristina
SYNTHESIS OF Fe₃O₄ - TiO₂ COMPOSITE NANOPARTICLES FOR AMPICILLIN AND PENICILLIN G PHOTO-DEGRADATION, REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS Volume: 45 Issue: 1 Pages: 80-90 Published: 2015 IF: 0.612

15. ALEXANDRA RALUCA MIRON, CRISTINA MIREA, HUSSAM NADUM ABDALRAHED, DANIELA FLORENTINA ENACHE, DOINA ANTONETA RADU, **SZIDONIA-KATALIN TANCZOS**- The Separation of Chlorophenols Using Inverse Emulsion with Carrier. II REV. CHIM. (Bucharest) ♦ 66 ♦ No. 12 ♦ 2015 IF: 0.95

16. GEORGE ALEXANDRU POPA, GHEORGHE NECHIFOR, DANIELA FLORENTINA ENACHE (POPA), **SZIDONIA-KATALIN TANCZOS**, ADRIAN CIOCANEA, POLIMERIC MEMBRANES PREPARED WITH SURFACTANTS USED FOR ULTRAFILTRATION OF AQUEOUS SOLUTIONS OF FOOD DYE, *STUDIA UBB CHEMIA, LXII, 4, Tom I, 2017 (p. 47-58) IF: 0.305*

17. GEORGE ALEXANDRU POPA, DANIELA FLORENTINA ENACHE (POPA), **SZIDONIA KATALIN TANCZOS**, ADRIAN CIOCANEA, Ultrafiltration of Aqueous Solutions of Food Dye Using Polymeric Membranes Prepared with Surfactants, MATERIALE PLASTICE ♦54♦No. 4 ♦2017 IF: 1.248

18. HUSSAM NADUM ABDALRAHEEM AL ANI, ANCA MARIA CIMBRU, CORNELIU TRISCA-RUSU, **SZIDONIA KATALIN TANCZOS**, ADRIANA CUCIUREANU⁵, AURELIA CRISTINA NECHIFOR, Iono-molecular Separation with Composite Membranes II. Preparation and characterization of polysulphone and composite nanoparticles, REV.CHIM.(Bucharest)♦68♦No. 2 ♦2017 IF: 1.412

19. HUSSAM NADUM ABDALRAHEEM AL ANI, ANCA-MARIA CIMBRU, **SZIDONIA KATALIN TANCZOS**, ION SPIRIDON , ADRIANA CUCIUREANU, ION MARIUS NAFLIU, GHEORGHE NECHIFOR, Iono-molecular Separation with Composite Membranes III. Nitrophenols separation on polysulphone and composite nanoparticles ultrafiltration, REV.CHIM.(Bucharest)♦68♦No. 3 ♦2017 IF: 1.412

20. GAVRIL IUCIAN GHEOGOVICI, CORNELIU TRISCA RUSU, ELENA VOICILOR, ION MARIUS NAFLIU, ANCA MARIA CIMBRU, **TANCZOS SZIDONIA KATALIN**, Titanium Dioxide for Biomedical Uses, The controlled productiuo of nanoparticles by hydrothermal synthesis moderated by dimedone. REV. CHIMIE. 68. No. 1, 2017 IF: 1.412
21. ION SPIRIDON , ANCA MAIRIA CIMBRU, ABBAS ABDUL KADHIM KLAIF RIKABI, **SZIDONIA KATALIN TANCZOS**, TICU (COTORCEA) SIMONA , GHEORGHE NECHIFOR. Iono-molecular Separation with Composite Membranes VI. Nitro-phenol separation through sulfonated polyether ether ketone on capillary polypropylene membranes, 2018/7/1, REVISTA DE CHIMIE, 69(7) 1603-1607 IF: 1.412
22. MIRCEA SEGARCEANU, ALEXANDRA RALUCA MIRON, **TANCZOS SZIDONIA KATALIN**, ABBAS ABDUL KADHIM KLAIF RIKABI, ION MARIUS NAFLIU, DANUT IONEL VAIREANU, Dynamic Membranes on Polysulfone Support for Fuel Cells, 2018/6/1, MATERIALE PLASTICE, p. 137-140 IF: 1.248
23. ION SPIRIDON, ANCA MARIA CIMBRU, HUSSAM NADUM ABDALRAHEEM AL ANI, ION MARIUS NAFLIU, **TANCZOS SZIDONIA KATALIN**, GHEORGHE NECHIFOR. Iono-molecular Separation with Composite Membranes V. Nitro-phenol separation on n-alkylalcohols supported liquid membranes 2018/5/1, REVISTA DE CHIMIE, 1084-1088 IF: 1.412
24. ION MARIUS NAFLIU, HUSSAM NADUM ABDALRAHEEM AL ANI, ALEXANDRA RALUCA GROSU, **SZIDONIA KATALIN TANCZOS**, IOANA MAIOR, AURELIA CRISTINA NECHIFOR. Iono-molecular Separation with Composite Membranes. 2018, MATERIALE PLASTICE 55 (4) IF: 1.248
25. RANA ABDULILAH ABBAS1 , AFNAN E. ABD-ALMONUIM , AMER J. JARAD , **SZIDONIA-KATALIN TANCZOS**, PAUL CONSTANTIN, Synthesis, Characterization and Biological Evaluation of Cr(III), Fe(III), Co(II), Ni(II), Zn(II) and Cd(II) Complexes Using an Azo Dye as Ligand, Rev. Chim., 71 (6), 2020, 1-8 IF: 1.755
26. GHEORGHE NECHIFOR, FLORENTINA MIHAELA PAUNESCU, ALEXANDRA RALUCA GROSU, PAUL CONSTANTIN ALBU, OVIDIU OPREA, **TANCZOS SZIDONIA KATALIN**, CONSTANTIN BUNGAU, VLAD ALEXANDRU GROSU, ANDREA PĂRȚAC, AURELIA CHRISTINA NECHIFOR Osmium Nanoparticles–Polypropylene Hollow Fiber Membrane Applied in Redox Processes, Nanomaterials (ISSN 2079-4991) on 23 September 2021, IF: 5,076
27. AURELIA CHRISTINA NECHIFOR, ALEXANDRU GORAN, VLAD ALEXANDRU GROSU, ANDREA PĂRȚAC, PAUL CONSTANTIN ALBU, OVIDIU OPREA, ALEXANDRA RALUCA GROSU, DUMITRU PASCU, FLORENTINA MIHAELA PAUNESCU, GHEORGHE NECHIFOR, **TANCZOS SZIDONIA KATALIN**, SIMONA GABRIELE BUNGAU, Reactional Processes on Osmium-Polymeric Membranes for 5–Nitrobenzimidazole Reduction; Membranes (ISSN 2077-0375) on 13 August 2021, IF: 4,106

28. GHEORGHE NECHIFOR, FLORENTINA MIHAEL PĂNCESCU, PAUL CONSTANTIN ALBU, ALEXANDRA RELUCA GROSU, OVIDIU POREA , **TANCZOS SZIDONIA KATALIN**, CONSTANTIN BUNGĂU, VLAD ALEXANDRU GROSU, MIHAIL RĂZNAN IOAN, AURELIA CRISTINA NECHIFOR, Transport and Separation of the Silver Ion with n-decanol Liquid Membranes Based on 10-undecylenic Acid, 10-undecen-1-ol and Magnetic Nanoparticles; *Membranes* 2021, 11, 936 IF: 4,106

29. PAUL CONSTANTIN ALBU, ANDREEA FERENCZ (DINU), HUSSAM NADAUM ABDALRAHEEM AL-ANI, **TANCZOS SZIDONIA KATALIN**, OVIDIU POREA, VLAD ALEXANDRU GROSU, GHEORGHE NECHIFOR, SIMONA GABRIELA BUNGĂU, ALEXANDRA RALUCA GROSU, ALEXANDRU GORAN, AURELIA CRISTINA NECHIFOR , Osmium Recovery as Membrane Nanomaterials through 10–Undecenoic Acid Reduction Method. *Membranes*, January 2022 IF: 4.562

30. ANDREEA FERENCZ (DINU), ALEXANDRA RALUCA GROSU, HUSSAM NADAUM ABDALRAHEEM AL-ANI, AURELIA CRISTINA NECHIFOR, **TANCZOS SZIDONIA KATALIN**, PAUL CONSTANTIN ALBU, MIHAELA EMANUELA CRĂCIUNI, MIHAIL RĂZNAN IOAN, VLAD ALEXANDRU GROSU, GHEORGHE NECHIFOR Operational Limits of the Bulk Hybrid Liquid Membranes Based on Dispersion Systems. February 2022 *Membranes* 2022(12):190 IF: 4.562

31. PAUL CONSTANTIN ALBU, **TANCZOS SZIDONIA KATALIN**, ANDREEA FERENCZ (DINU), ANDREIA PÎRTA, ALEXANDRA RALUCA GROSU, DUMITRU PASCU, VLAD ALEXANDRU GROSU, CONSTANTIN BUNGĂU, AURELIA CRISTINA NECHIFOR, pH and Design on n–Alkyl Alcohol Bulk Liquid Membranes for Improving Phenol Derivative Transport and Separation. March 2022 *Membranes* IF: 4.562

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34. Aurelia Cristina Nechifor, Alexandru Goran, **Szidonia-Katalin Tanczos**, Florentina Mihaela Păncescu ,Ovidiu-Cristian Oprea, Alexandra Raluca Grosu, Cristian Matei, Vlad-Alexandru Grosu, Bogdan Ștefan Vasile si Paul Constantin Albu Obtaining and Characterizing the Osmium Nanoparticles/n–Decanol Bulk Membrane Used for the p–Nitrophenol Reduction and Separation System. Octombrie 2022 *Membranes* IF: 4.562

35. Florentina Mihaela Păncescu , Abbas Abdul Kadhim Klaif Rikabi, Ovidiu Cristian Oprea, Alexandra Raluca Grosu, Aurelia Cristina Nechifor, Vlad-Alexandru Grosu, **Szidonia-Katalin Tanczos**, Florina Dumitru, Gheorghe Nechifor si Simona Gabriela Bungău

Chitosan–sEPDM and Melatonin–Chitosan–sEPDM Composite Membranes for Melatonin Transport and Release. Februarie 2023 Membranes IF: 4.562

36. Dumitru Pascu, Aurelia Cristina Nechifor, Vlad-Alexandru Grosu, Ovidiu Cristian Oprea, **Szidonia-Katalin Tanczos**, Geani Teodor Man, Florina Dumitru, Alexandra Raluca Grosu si Gheorghe Nechifor, Hydrogen Sulphide Sequestration with Metallic Ions in Acidic Media Based on Chitosan/sEPDM/Polypropylene Composites Hollow Fiber Membranes System. Martie 2023 Membranes IF: 4.562

38. Geani Teodor Man, Paul Constantin Albu, Aurelia Cristina Nechifor, Alexandra Raluca Grosu, **Szidonia-Katalin Tanczos**, Vlad-Alexandru Grosu, Mihail-Răzvan Ioan si Gheorghe Nechifor Thorium Removal, Recovery and Recycling: A Membrane Challenge for Urban Mining. August 2023 Membranes IF: 4.562

39. **Emulsion Liquid Membranes Based on Os–NP/n–Decanol orn–Dodecanol Nanodispersions for p–Nitrophenol Reduction** - Andreia Pîrt, Aurelia Cristina Nechifor, **Szidonia-Katalin Tanczos**, Ovidiu Cristian Oprea, Alexandra Raluca Grosu, Cristian Matei, Vlad-Alexandru Grosu, Bogdan Stefan Vasile, Paul Constantin Albu Gheorghe Nechifor - Molecules 2024, aprilie

40. Reduction in Olfactory Discomfort in Inhabited Premises from Areas with

Mofettas through Cellulosic Derivative–Polypropylene Hollow Fiber Composite Membranes- Paul Constantin Albu , Andreia Pîrt, Ludmila Motelica , Aurelia Cristina Nechifor, Geani Teodor Man, Alexandra Raluca Grosu, **Szidonia-Katalin Tanczos**, Vlad-Alexandru Grosu, Gheorghe Nechifor – Materials 2024 sept.

41. **Thorium Recovery with Crown Ether–Polymer Composite Membranes** - Aurelia Cristina Nechifor, Paul Constantin Albu, Ludmila Motelica, Geani Teodor Man, Alexandra Raluca Grosu, **Szidonia-Katalin Tanczos**, Vlad-Alexandru Grosu, Virgil Emanuel Marinescu, Gheorghe Nechifor – Applied Sciences oktober , 2024

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaționale).

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

1. AURELIS CRISTINA NECHIFOR, **SZIDONIA KATALIN TANCZOS**, VERONICA IONELA PANAIT, EUGENIA EFTINIE - Applications of cellulosic microsystems with magnetic inclusions - Recent Advances in Engineering, Paris , 34-39
2. AURELIA CRISTINA NECHIFOR, MIHAELA PASCU(NEAGU), DANIELA ELENA PASCU, GINA ALINA TRAISTARU, VERONICA IONEL FOAMETE (PANAIT), **SZIDONIA KATALIN TANCZOS** Different spectrophotometric methods for antioxidant for activity assay of four herbs, Recent Researches in Environment and Biomedicine, Grecia 2012, p.120 -125
3. AURELIA CRISTINA NECHIFOR, **SZIDÓNIA KATALIN TÁNCZOS**, MIHAELA NEAGU, DANIELA PASCU, ADRIANA CUCIUREANU Composite PSF-PANI Membranes for Proteins Recovery, Recent Researches in Environment and Biomedicine, Grecia 2012; p. 126-131

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. Stefan Ioan Voicu, **Szidonia Katalin Bocskor (Tanczos)**, Loreta Costache, Gheorghe Nechifor- Synthesis and characterization of crown ethers covalently immobilized onto carbon nanotubes/Synthesis and characteristics of polysulfone-polyaniline-carbon nanotubes asymmetric composite membranes obtained by phase inversion with chemical - RICCE 17, Honorary Symposium Constantin Luca- pH on Membrane Materials and Processes
2. D. Ghindeanu, **Szidonia Katalin Tanczos**, Grazyna Szczepanska, Piotr Szczepanski Petracting of p-nitrophenol- A kinetic model, - Conference in Świeradów Zdrój-2013
3. Keresztesi A, Szep R, Bodor ZS, Bodor K, **Tanczos Sz**, (2021) Long-term analysis of rainwater chemistry over the conterminous United States, 27th International Conference on Chemistry, October 29th (presentation)

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

1. **Inventatori:** Abraham Beata, Lanyi Szabolcs, Mathe Istvan, Laslo Eva, Orban Kalman Csongor, Bodor Zsolt, **Tanczos Szidonia**, Feher Kiraly Gergely, Koncz Mihaly, Toro Szabolcs, Funkenhauser Bernadett, Dobri Eموke

Titlulul: Tulpină de lactobacillus plantarum subsp. plantarum utilizată în procesul de silozare a plantelor furaje.

Nr. și data: nr. 130894 Acordat în temeiul Legii nr. 64/1991 privind brevetele de invenție, republicată în Monitorul Oficial al României, Partea I, nr. 613, din 19 august 2014

G. Contracte de cercetare (menționați calitatea de director sau membru)

1. Biopreparate microbiene pentru creșterea calitatii furajelor insilozate-SILOPREP- Programul Operational Sectorial Axa 2.1.1/ Nr. Contract 565/09.09.2013.
Perioada 2013-2015 (membru) – (valoare totala 3.317.000 RON)

2. InSPIRES ” Ingenious Science shops to promote Participatory Innovation, Research and Equity in Science” Horizont 2020, Proiect de cercetare și inovare responsabilă. Număr proiect 741677- membru- Perioada 2020-2021 (valoare totală 20000 EUR)

Citări Google Scholar

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h-index=7

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**Data,
10.10.2025**

dr. Tánczos Szidónia Katalin

1.

Balázs, Márta ; Bartos, Hunor ; Lányi, Szabolcs ; Bodor, Zsolt ✉ ; Miklóssy, Ildikó

Substrate type and CO2 addition significantly influence succinic acid production of Basfia succiniciproducens

BIOTECHNOLOGY LETTERS 45 : 9 pp. 1133-1145. , 13 p. (2023)

[DOI](#) [WoS](#) [Scopus](#) [PubMed](#) [Egyéb URL](#)

Szaccikk (Folyóiratcikk) | Tudományos[34044123] [Egyeztetett]

2.

Bartos, Hunor ; **Balázs, Márta** ; Kuzman, Ildikó Hajnalka ; Lányi, Szabolcs ; Miklóssy, Ildikó

Production of High Added-Value Chemicals in Basfia succiniciproducens: Role of Medium Composition

SUSTAINABILITY 13 : 6 Paper: 3513 , 12 p. (2021)

[DOI](#) [WoS](#) [Scopus](#) [Egyéb URL](#)

Szaccikk (Folyóiratcikk) | Tudományos[31936624] [Egyeztetett]

Nyilvános idéző összesen: 2, Független: 2, Fügőő: 0, Nem jelölt: 0

3.

Antal, Emőke ; **Balázs, Márta** ; Bodor, Zsolt ; MIKLÓSSY, Ildikó

In silico characterization of a malonyl-CoA-reductase enzyme

In: Majdik, Kornélia (szerk.) *25th International Conference on Chemistry = XXV. Nemzetközi Vegyészkonferencia*

Kolozsvár, Románia : Erdélyi Magyar Műszaki Tudományos Társaság (EMT) (2019) 140 p. p. 31372079

Absztrakt / Kivonat (Egyéb konferenciaközlemény) |

Tudományos[31386219] [Nyilvános]

4.

Balázs, Márta ; Antal, Emőke ; Salamon, Pál ; Miklóssy, Ildikó ; Bodor, Zsolt
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Bartos, Hunor ; Miklóssy, Ildikó ; **Balázs, Márta** ; Bodor, Zsolt
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In: Oprean, Radu; Irimie, Florin Dan ABSTRACTS BOOK, 19th International Symposium and Summer School on Bioanalysis, 2019

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Absztrakt / Kivonat (Könyvrészlet) | Tudományos[31386249] [Nyilvános]

6.

Bartos, Hunor ; Miklóssy, Ildikó ; **Balázs, Márta** ; Bodor, Zsolt
*Analysis of metabolic potential of *Basfia succiniciproducens* for bio-based succinic acid production from renewable resources*

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7.

Both, Fodor Márta ; Salamon, Pál ; Miklóssy, Ildikó
*Anyagcseremérnökséggel előállított, rekombináns *E. coli* törzsek génexpressziós profilelemzése és optimális tenyésztési körülményeinek meghatározása*

In: Garay, Tamás; Gáspári, Zoltán (szerk.) XXXIV. Országos Tudományos Diákköri Konferencia: Biológia Szekció : Program és Összefoglalók

Budapest, Magyarország : Pázmány Péter Katolikus Egyetem Információs Technológiai és Bionikai Kar (2019) p. 131

Absztrakt / Kivonat (Könyvrészlet) | Tudományos[31386242] [Nyilvános]

8.

Sinkler, Reka ; **Both-Fodor, Marta** ; Antal, Emoke ; Bartos, Hunor ; Lanyi, Szabolcs ; Miklossy, Ildiko ✉

*METABOLIC ENGINEERING OF *E. COLI*: INFLUENCE OF GENE DELETIONS AND HETEROLOGOUS GENES ON PHYSIOLOGICAL TRAITS*
STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA 64 : 2 pp. 159-174. , 16 p. (2019)

DOI WoS Scopus

Szakcikk (Folyóiratcikk) | Tudományos[30765679] [Egyeztetett]

Nyilvános idéző összesen: 1, Független: 0, Függő: 1, Nem jelölt: 0

9.

Antal, Emőke ; **Balázs, Márta** ; Sinkler, Réka ; Bodor, Zsolt ; Miklóssy, Ildikó
Studies of dehydrogenases applicable in metabolic engineering
In: Majdik, Kornélia (szerk.) XXIV. Nemzetközi Vegyészkonferencia : 24th
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Erdélyi Magyar Műszaki Tudományos Társaság (EMT) (2018) p. 30373698
Absztrakt / Kivonat (Egyéb konferenciaközlemény) |
Tudományos[31372092] [Nyilvános]

10.

Balázs, Márta ; Bartos, Hunor ; Antal, Emőke ; Miklóssy, Ildikó ; Bodor, Zsolt
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Absztrakt / Kivonat (Egyéb konferenciaközlemény) |
Tudományos[31386269] [Admin láttamozott]

11.

Bartos, Hunor ; Miklóssy, Ildikó ; Bodor, Zsolt ; **Both, Fodor Márta** ; Lányi,
Szabolcs
*In silico and in vivo investigation of high added-value components production
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In: Ferenc, Kílár; György, Juhász; Ildikó, Bucseková; Gábor, Dibó; Gergely,
Kocsis; Katarína, Szarka; Andrea, Vargová (szerk.) 18th International
Symposium and Summer School on Bioanalysis
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Absztrakt / Kivonat (Könyvrészlet) | Tudományos[31386252] [Nyilvános]

12.

Salamon, Pál ; **Both, Fodor Márta** ; Sinkler, Réka ; Albert, Beáta ; Bodor,
Zsolt ; Miklóssy, Ildikó
RT-qPCR analysis of E. coli strains obtained by metabolic engineering
In: Ferenc, Kílár; György, Juhász; Ildikó, Bucseková; Gábor, Dibó; Gergely,
Kocsis; Katarína, Szarka; Andrea, Vargová (szerk.) 18th International
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Absztrakt / Kivonat (Könyvrészlet) | Tudományos[31386235] [Nyilvános]

13.

Bartos, Hunor ; Miklóssy, Ildikó ; **Both, Fodor Márta** ; Bodor, Zsolt
*Anyagcseremérnökségi módszerek alkalmazása 1,4-butándiol bioszintézise
céljából Basfia succiniciproducens törzsben*
In: MAJDIK, Kornélia (szerk.) XXIII. Nemzetközi Vegyészkonferencia : 23rd
International Conference on Chemistry
Kolozsvár, Románia : Erdélyi Magyar Műszaki Tudományos Társaság
(EMT) (2017) 148 p. p. 85 Paper: 31365014
Absztrakt / Kivonat (Egyéb konferenciaközlemény) |
Tudományos[31386257] [Admin láttamozott]

Lista de lucrări Fikó-Dezső Róbert

Subiectele tezelor

Inginerie Chimică și
Biotehnologii (PhD)

Epurarea microbiologică a apelor uzate contaminate cu compușii fenolului
(Îndrumător științific: dr. ing. Lányi Szabolcs, nota: foarte bine)

Biotehnologii sustenabile
(MSc.)

Epurarea microbiană a apelor uzate fenolice provenite din industria alimentară.
(Îndrumător științific: dr. Máthé István, nota: 10)

Ingineria și protecția mediului
în industrie (BSc.)

Epurarea apelor uzate prin intermediul spațiului radicular
(Îndrumători științifici: dr. Máthé István, dr. ing. Szilveszter Szabolcs, nota: 9,66)

Publicații, conferințe

2011.04.14

Participarea la Conferințe Științifice Studentești (CȘS):

Bodó Csilla, **Fikó Dezső Róbert**: Kőolajszármazékokkal szennyezett talajokból izolált baktériumok szénhidrogénbontó és növényi növekedést serkentő tulajdonságainak a vizsgálata. (II. díj)

2012.04.19

András Kinga, **Fikó Dezső Róbert**, Bodó Csilla: Ásványvízforrások fiziko-kémiai és mikrobiológiai vizsgálata. (II. díj)

2013.04.23

Koncz Mihály, Fikó Dezső Róbert, Bodó Csilla, Kedves Alfonsz, Sánta Levente, Sándor Attila: Évszakos változások vizsgálata a Szent Anna-tó vízterében kémiai és mikrobiológiai módszerekkel. (II. díj)

2014.04.30

Fikó Dezső Róbert, Tankó György: Mikrobiális diverzitás és biodegradációs kapacitás vizsgálata a cekendi csurgalékvíz esetében. (II. díj)

Conferințe Științifice Studentești din Transilvania (CȘST/ETDK)

2014.05.15-18

Fikó Dezső Róbert, Tankó György: A cekendi csurgalékvíz mikrobiális diverzitásának vizsgálata különleges tenyésztési technikákkal. XVII. Erdélyi Tudományos Diákköri Konferencia (ETDK) Környezettudomány szekció, Kolozsvár, (I. díj)

2015.05.21-24

Fikó Dezső Róbert, Benedek Emőke: Szennyezett élőhelyek fenolbontó bakteriális közösségeinek a vizsgálata jó biodegradációs képességű törzsek szelektálása céljából. XVIII. Erdélyi Tudományos Diákköri Konferencia (ETDK) Környezettudomány szekció, Kolozsvár, (II. díj)

2015.04.8-10

Conferințe Naționale Științifice Studentești din Ungaria (OTDK)

Fikó Dezső Róbert, Tankó György: A cekendi csurgalékvíz mikrobiális diverzitásának vizsgálata különleges tenyésztési technikákkal. XXXII. Országos Tudományos Diákköri Konferencia (OTDK) Biológia szekció, Pécs, (III. díj)

2017.04.9-12

Fikó Dezső Róbert, Benedek Emőke: Szennyezett élőhelyek fenolbontó bakteriális közösségeinek a vizsgálata jó biodegradációs képességű törzsek szelektálása céljából. XXXIII. Országos Tudományos Diákköri Konferencia (OTDK) Biológia szekció, Debrecen.

Prezentări poster

2013.10.24

Conferințe internaționale

Kedves Alfonsz, Sándor Attila, Sánta Levente, **Fikó Dezső Róbert**: Környezatkémiai és mikrobiológiai vizsgálatok a Szent Anna-tó esetében. I. Bajai Nemzetközi Szakkollégiumi és Tudományos Diákkonferencia. Diák-poszter szekció, Baja, (Különdíj)

2014.08.24-29

Máthé István, Kovács Erika, **Fikó Dezső Róbert**, Tankó György, Nagymáté Zsuzsanna, Szabó Attila, Szilveszter Szabolcs, Felföldi Tamás: Enhancing the cultivability of bacteria with the combination of simple but unconventional methods. 15th International Symposium on Microbial Ecology (ISME-15) Seoul, South Korea.

2014.10.6-9

2015.07.14-18	Fikó Dezső Róbert , Jakab Ervin, Kovács Erika, Felföldi Tamás, Máthé István: Csurgalékvízből származó baktériumok fenolbontó képességének vizsgálata. XX. Nemzetközi Vegyészkonferencia, Diák-poszter szekció, Kolozsvár, (II. díj)
2015.10.7-9	Felföldi Tamás, Kovács Erika, Fikó Dezső Róbert , Tankó György, Szabó Attila, Nagymáté Zsuzsanna, Szilveszter Szabolcs, Máthé István: Applying unconventional techniques for the laboratory cultivation of new bacterial strains. 13th Symposium on Bacterial Genetics and Ecology (BAGECO-13) Milan, Italy.
2016.08.21-26	Csitári Bianka, Fikó Dezső Róbert , Mentés Anikó, Táncsics András, Máthé István, Felföldi Tamás: Fenolos vegyületek biodegradációjának vizsgálata. Genetikai és molekuláris-biológiai kutatások jelentősége a hidrobiológiában – LVII. Hidrobiológus Napok, Tihany.
2017.09.6-9	Máthé István, Fikó Dezső Róbert , Kovács Erika, Csitári Bianka, Szabó Attila, Táncsics András, Felföldi Tamás: Bacterial degradation of phenolic compounds in natural and artificial environments. 16th International Symposium on Microbial Ecology (ISME-16), Montreal, Canada.
	Fikó Dezső Róbert , Szilveszter Szabolcs, Kovács Erika, Felföldi Tamás, Máthé István: Enhancing phenolic wastewater treatment potential of bacteria isolated from landfill leachate treating bioreactor. 20th Romanian International Conference on Chemistry and Chemical Engineering (RICCCE-20) Poiana Brasov, Romania.
2022.10.05-07	Csató-Kovács Erika, Nagy Kinga, Fikó Dezső Róbert, Máthé István: Identification and examination of phenol biodegradation pathways of Acinetobacter towneri isolated from landfill leachate Cekend, Harghita country. 6th International Conference on Chemical Engineering, Iasi, Romania.
Prezentári orale	
2016.02.11	Fikó Dezső Róbert , Szilveszter Szabolcs, Máthé István: Szennyezett környezetből izolált mikrobák fenol-bontó potenciáljának a vizsgálata szennyvizek esetében. Magyar Víz- és Szennyvíztechnikai Szövetség (MaSzeSz) Junior Vízgazdálkodási Szimpózium, Budapest.
2016.03.30-31	Fikó Dezső Róbert , Kovács Erika, Szilveszter Szabolcs, Felföldi Tamás, Máthé István: Phenol degradation potential of bacteria isolated from extreme habitats. International Conference on Air, Water, and Soil Pollution and Treatment (AWSPT-16), Prague, Czech Republic.
2016.03.30-31	Szilveszter Szabolcs, Fikó Dezső Róbert , Felföldi Tamás, Máthé István: Phenol removal and bioaugmentation potential analysis of different bacterial strains in wastewater. International Conference on Air, Water, and Soil Pollution and Treatment (AWSPT-16), Prague, Czech Republic.
2016.05.20	Fikó Dezső Róbert , Kovács Erika, Szilveszter Szabolcs, Csitári Bianka, Máthé István, Felföldi Tamás: Szennyezett élőhelyekről izolált baktériumok fenolbontó képességének tesztelése. „Környezetszennyezések ökológiai hatásai: Az állapotfelméréstől a probléma orvoslásáig” Workshop konferencia, Sapientia EMTE.
2016.05.20	Szilveszter Szabolcs, Fikó Dezső Róbert , Incze Réka, Erőss Ignác, Felföldi Tamás, Máthé István: Szennyvizekből történő fenoleltávolítás hatásfokának vizsgálata eleveniszapos reaktorban. „Környezetszennyezések ökológiai hatásai: Az állapotfelméréstől a probléma orvoslásáig” Workshop konferencia, Sapientia EMTE.
2016.10.5-7	Máthé István, Fikó Dezső Róbert , Felföldi Tamás, Somogyi Boglárka, Kedves Alfonz, Sánta Levente, Szilveszter Szabolcs, Szabó Attila, Márialigeti Károly, Vörös Lajos: „Erdély legtisztább vízü tava” - A Szent Anna-tó - változóban? Hosszú távú hidrobiológiai kutatások a kárpát-medencében. LVIII. Hidrobiológus Napok, Tihany.
2016.11.23	Fikó Dezső Róbert , Szilveszter Szabolcs, Máthé István: Szennyezett élőhelyekről izolált baktériumok fenol-bontó képességének vizsgálata szennyvíztisztítás céljából. III. Soós Ernő Nemzetközi Tudományos Konferencia, Víz- és Szennyvízkezelés az iparban 2016 (VSZ-16), plenáris előadás, Nagykanizsa.
2017.04.5-8	Máthé István, Táncsics András, Benedek Tibor, Fikó Dezső Róbert , Mentés Anikó, Tóth M. Erika, Peter Schumann, Felföldi Tamás: Három új baktériumfaj leírása erdélyi vizes élőhelyekről. XIII. Kárpát-medencei Környezettudományi Konferencia, plenáris előadás, Kolozsvár.
2017.05. 24-27	
2018.05. 7-12	
2018.05.10	

2018.05.10	Szilveszter Szabolcs, Fikó Dezső Róbert , Máthé István, Ráduly Botond, Felföldi Tamás: Kinetics of phenol degradation by <i>Acinetobacter towneri</i> strain isolated from activated sludge. 9th Eastern European Young Water Professionals Conference, (IWA), Budapest, Hungary.
2018.11.7-9	Szilveszter Szabolcs, Fikó Dezső Róbert , Máthé István, Felföldi Tamás: Microcosm studies on phenol degradation affinity of different bacterial strains in multiple carbon source environment. 10th Eastern European Young Water Professionals Conference, (IWA), Zagreb, Croatia
2019.10.1-5	Fikó Dezső Róbert , Máthé István, Felföldi Tamás, Szilveszter Szabolcs: Szennyezett környezetből izolált baktériumok szerves-anyag eltávolításának hatékonysága fenolos szennyvíz esetében. „A Kárpát-medence vizes élőhelyei: új mikrobafajok és új biotechnológiai lehetőségek forrásai” Workshop konferencia, Sapientia EMTE.
	Felföldi Tamás, Tóth Erika, Fikó Dezső Róbert , Szabó Attila, Márton Zsuzsanna, Peter Schumann, Máthé István: Tucatnyi új baktériumfaj egyetlen bioreaktorból. „A Kárpát-medence vizes élőhelyei: új mikrobafajok és új biotechnológiai lehetőségek forrásai” Workshop konferencia, Sapientia EMTE.
	Szilveszter Szabolcs, Máthé István, Fikó Dezső Róbert , Szilveszter Szilárd, Ráduly Botond: Granulált aerob iszapos szennyvíztisztítási technológia fenolbontási hatékonyságának vizsgálata. I. RING – Fenntartható Nyersanyag-gazdálkodás Tudományos Konferencia, Pécs, Magyarország.
	Szilveszter Szabolcs, Fikó Dezső Róbert , Máthé István, Szilveszter Szilárd, Ráduly Botond: Aerobic granular sludge process performance analysis under increasing phenol loading rates. 11th Eastern European Young Water Professionals Conference (IWA), Prague, Czech Republic.
Publicații	
2015.07.8-10	Felföldi, T., Kovács, E., Fikó, D. R. , Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I.: Unconventional Strategies for the cultivation of new bacterial strains from aquatic environments. 17th International Congress of the Hungarian Society for Microbiology – Acta Microbiologica et Immunologica Hungarica, 62 (Suppl), pp. 150–151 (2015). doi: 10.1556/030.62.2015.Suppl.2, Budapest, (Impakt faktor: 0,778)
2012.08.30-09.02	Máthé, I., Szilveszter, Sz., Fikó, D. R. , Bodó, Cs., Kelemen, Cs., Tóth, A., Zsigmond, A., Felföldi, T., Jurecska, L., Mara, Gy., György, É., Palatinszky, M., Benedek, T., Albert, B., Barkács, K., Lányi, Sz., Márialigeti, K.: Szezonális változások vizsgálata a Szent Anna-tó vízterében. A Kárpát-medence ásványvizei, IX. Nemzetközi tudományos konferencia, Konferenciakötet 9: 53-60, Herkulesfürdő, ISBN: 978-973-7625-37-3.
2012.08.30-09.02	Máthé, I., Szakács, I., Táncsics, A., Palatinszky, M., András, K., Fikó, D. R. , Bodó, Cs., Márialigeti, K.: Hargita megyei forrásfelújítások hatásának vizsgálata kémiai és bakteriológiai módszerekkel. A Kárpát-medence ásványvizei, IX. Nemzetközi tudományos konferencia, Konferenciakötet 9: 155-158, Herkulesfürdő, ISBN: 978-973-7625-37-3.
2014.10.1-3	Felföldi, T., Kovács, E., Fikó, D. R. , Tankó, Gy., Szabó, A., Nagymáté, Zs., Szilveszter, Sz., Máthé, I.: Hagyományostól eltérő eljárások alkalmazása új baktériumtörzsek laboratóriumi tenyésztése érdekében. A Hidrobiológiai Kutatások Eredményei és Gyakorlati Hasznuk – Hidrológiai Közlöny 95: 19-21, Tihany.
2015.10.7-9	Csitári Bianka, Fikó Dezső Róbert , Kovács Erika, Szabó Atilla, Jurecska Laura, Mentés Anikó, Táncsics András, Máthé István, Felföldi, Tamás: Fenolos vegyületek mikrobiológiai lebontásának vizsgálata természetes és mesterséges környezetekben. Genetikai és molekuláris-biológiai kutatások jelentősége a hidrobiológiában – Hidrológiai Közlöny 96: 26-31. Tihany, (2016. különszám)
2017.09. 17	Felföldi Tamás, Fikó Dezső Róbert , Mentés Anikó, Kovács Erika, Máthé István, Schumann Peter, Tóth Erika: <i>Quisquiliibacterium transsilvanicum</i> gen. nov., sp. nov., a novel betaproteobacterium isolated from a waste-treating bioreactor. International Journal of Systematic and Evolutionary Microbiology, https://doi.org/10.1099/ijsem.0.002368 (IF: 2,134)
2018	Fikó Dezső Róbert : Fenollal és fenolszármazékokkal terhelt szennyvizek bakteriális tisztítása. Határhelyzetek X., Ifjúság, Tudománypolitika, Jövőkép: Kilátások és Kihívások a Kárpát-medencében. A Külgazdasági és Külügyminisztérium Márton Áron Kutatói Program 2016–2017. évi, tizedik pályázati ciklusának évkönyve, ISBN: 978-615-5389-69-6.
16.01.2023	Szilveszter Szabolcs, Fikó Dezső Róbert , Máthé István, Felföldi Tamás, Ráduly Botond: Kinetic characterization of a new phenol degrading <i>Acinetobacter towneri</i> strain isolated from landfill leachate treating bioreactor. World Journal of Microbiology and Biotechnology, https://doi.org/10.1007/s11274-022-03487-y . (IF: 4,253)
20.06.2023	
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Proiecte de cercetare universitară	Dezső Róbert Fikó, Erika Csató-Kovács, Szabolcs Szilveszter, István Máthé, Tamás Felföldi, Szabolcs Lányi: Investigation of the phenol-degrading ability and metabolic pathways of bacteria isolated from landfill leachate. UPB Scientific Bulletin Series B, ISSN 1454-2331. Dezső Róbert Fikó, Botond Ráduly, István Máthé, Tamás Felföldi, Szabolcs Lányi, Szabolcs Szilveszter: Bioaugmentation potential investigation using a phenol affinity analysis of three <i>Acinetobacter</i> strains in a multi-carbon-source condition. Water, https://doi.org/10.3390/w15152815. (IF:3,40) Microbiological analysis of Saint Anne Lake, SOIPC (KPI) Hungarian University of Transylvania, Project Budget: 11.817 € - Researcher; (reg. Nr.: 5/19/05.01.2012) Retrieving new bacterial isolates for potential bioremediation and biotechnological applications, Romanian National Authority for Scientific Research, CNCS – UEFISCDI; project Nr.: PN-II-RU-TE-2012-3-0319; Project Budget: 179.000 € - Researcher student; Physico-chemical and hydrobiological research at Bear Lake and Mogyorósi Lake in Sovata. Supporting institution: Balneoclimaterica R.T. (Reg. Nr.: 230 / 05.10.2017) - Researcher; Aerobic granular sludge phenol removal intensification with bioaugmentation 2017-2018, SOIPC (KPI) Hungarian University of Transylvania, Project Budget: 10.000 € - Researcher; (reg. Nr.: 227/14/17.05.2017)
Proiecte internaționale	Membru proiect internațional –DRP0301199-InnoWATCCH– Innovative water Retention for Climate Change Mitigation, Sustainable Agriculture and Food Protection/Reținerea inovatoare a apei pentru atenuarea schimbărilor climatice, agricultura durabilă și protecția împotriva inundațiilor. Nr. ctr. Proiect: DRP0301199, 2025.
Alte certificări/calificări	Program de formare internațional organizat de Academia Națională de Silvicultură și Administrare a Pajiștilor, Beijing, China, în perioada 17.09.2025-30.09.2025 – Seminar on Climate Change and Green Low-Carbon Development under Global Development Initiative.
Consultant industrie	Physico-chemical, microbiological and hygiene tests at the new brewery to be expanded by LIXID Proiect KFT in Sânsimion. Supporting institution: Xindex Eco KFT (reg. Nr.: 231 / 11.12.2015)
Solicitări de consiliere pentru studenți	Erőss Ignác, Incze Réka (Biotehnologii sustenabile MSc): Szennyvizekből történő fenol eltávolítás hatásfokának vizsgálata szelektált baktériumok segítségével. Conferințe Științifice Studențești (CȘS): Organizat de Universitatea Sapientia – Facultatea de științe economice, socio-umane și ingineriești, Miercurea Ciuc (2016.04.11-12) (Locul III.).
Burse de cercetare	Bursa Székely Előfutár anunțată de Federația Forerunner pentru anul universitar 2014/2015 (diplomă de felicitare) Bursa Soós Kálmán pentru studenți cu cetățenie română care participă la formarea doctorală în învățământul superior din țara natală în anul universitar 2015/2016, Am participat la Programul de cercetare Márton Áron anunțat de Institutul Balassi Bálint pentru anul universitar 2016/2017 Am participat la Programul Collegium Talentum anunțat de Fundația Sapientia Hungariae pentru anul universitar 2017/2018 Am participat la programul Collegium Talentum anunțat de Fundația Sapientia Hungariae pentru anul universitar 2018/2019 Bursa Székely Előfutár anunțată de Federația Forerunner pentru anul universitar 2019/2020 Bursă Nemzet Fiatal Tehetségeiért Ösztöndíj 2019/2020 anunțată de anunțat de către Emberi Erőforrás Támogatáskezelő în numele Ministerului Resurselor Umane (Ungaria) Kulturális és Innovációs Minisztérium [Ministerul Culturii și Inovării, Ungaria] megbízásából a Tempus Közalapítvány fiatal, határon túli magyar oktatói ösztöndíj nyertese a 2022/2023-as tanévben

Premii Membru în organizații științifice și profesionale	Sapientia MAXIMUS pentru munca academică remarcabilă (Universitatea Sapientia – Facultatea de științe economice, socio-umane și ingineresti, Miercurea Ciuc, 2015). Premiul pentru tânăr cercetător Soós Ernő 2016, câștigător al categoriei MSc. Înființat cu finanțarea Hidrofilt Kft. și Centrul de cercetare și dezvoltare a tehnologiei apei Soós Ernő, Nagykanizsa. Ungaria. Societatea Maghiara Tehnico-Științifică din Transilvania – Erdélyi Magyar Műszaki Tudományos Társaság (EMT). Asociația Astronomică Maghiară din Transilvania (AAMT) – Erdélyi Magyar Csillagászati Egyesület (EMCSE).
Competențe și aptitudini tehnice	tehnici microbiologice: competență în cultivarea, izolarea și identificarea diferitelor tulpini bacteriene, în special a celor implicate în procesele de biodegradare, cercetare în biodegradare: experiență extinsă în studierea biodegradării poluanților de mediu, în special a compușilor fenolici, utilizând tulpini microbiene, proiectare experimentală: abilități în proiectarea și desfășurarea experimentelor pentru evaluarea eficacității diferitelor microorganisme în aplicațiile de bioremediere sau biofertilizare, strategii de bioaugmentare: cunoștințe despre tehnicile de bioaugmentare și aplicarea acestora în epurarea apelor uzate sau agricultură pentru a îmbunătăți degradarea poluanților sau creșterea plantelor, microbiologie de mediu: înțelegere solidă a ecologiei microbiene și a interacțiunilor dintre microorganisme și mediile lor, în special în relație cu degradarea poluanților, publicații de cercetare: experiență în redactarea lucrărilor științifice și prezentarea rezultatelor cercetării la conferințe, managementul proiectelor: capacitatea de a gestiona proiectele de cercetare de la concepție până la execuție, inclusiv planificarea experimentelor, gestionarea termenelor limită și coordonarea cu membrii echipei, protocoale de siguranță în laborator: familiaritate cu standardele și protocoalele de siguranță din laborator pentru a asigura manipularea sigură a substanțelor chimice și materialelor biologice în timpul experimentelor, experiență profesională în analiza fizico-chimică a apei potabile, a apelor uzate, mlaștini, lacuri și pâraie experiență profesională în analiza microbiologică a apei potabile, a apelor uzate, a habitatelor apoase, a solului și aerului, experiență în diferite domenii de epurare a apelor uzate (epurarea apelor uzate municipale și industriale),
Indici scientometrici	experiență în optimizarea funcționării sistemelor microbiene, experiență în proiectarea și funcționarea bioreactoarelor, experiență în analiza mecanismelor de degradare a poluanților de mediu, Citări: 20 Indice Hirsch: 2 Factor de impact (cumulat): 9.78 Atricole Q1 – 1 Articole Q2 – 2 Proiecte de cercetare dezvoltare inovare – manager de proiect, director de proiect, responsabil proiect -0 – membru în echipe de proiect - 6
Aptitudini informatice	utilizarea sistemului de operare Microsoft Windows, cunoștințe la nivel de utilizator MS Office (Word, Excel, Powerpoint), desen tehnic AutoCAD și crearea diagramelor P&ID, crearea modelelor 3D în SketchUp software,

Impactul activității de cercetare și/sau inovare

modelarea rețelei de apă potabilă și canalizare cu EPANET software,
utilizarea software-lui MEGA X,
utilizarea software-lui Edraw Max,

Activitatea mea de cercetare și dezvoltare se axează pe aplicarea biotehnologiilor în domeniul protecției mediului, printr-o abordare integrată ce vizează colectarea, conservarea și caracterizarea probelor biotice și abiotice prelevate din medii variate, atât naturale, cât și antropizate. În cadrul investigațiilor efectuate, am utilizat metode avansate de analiză fizico-chimică și microbiologică pentru determinarea parametrilor calitativi ai probelor de apă (provenite din precipitații, lacuri, pâraie, mlaștini, apă potabilă și ape uzate), precum și pentru probe solide (sol, biomasă) și atmosferice (aer). Cercetările privind apele uzate municipale și industriale s-au concentrat pe caracterizarea acestora, precum și pe evaluarea și optimizarea proceselor microbiene implicate în biodegradarea poluanților organici și a materialelor toxice, cum ar fi compușii fenolici. Prin proiectarea experimentală riguroasă și monitorizarea bioreactoarelor, am identificat condițiile optime de operare care maximizează eficiența epurării, reducând impactul ecologic al deversărilor și contribuind la dezvoltarea unor tehnologii sustenabile de epurare a apelor uzate municipale/industriale. Analizele microbiologice complementare au permis caracterizarea comunităților microbiene implicate în procesele de biodegradare, oferind o înțelegere aprofundată a mecanismelor biochimice care stau la baza degradării poluanților și regenerării ecosistemelor afectate. Aceste date au fundamentat dezvoltarea unor protocoale de monitorizare și intervenție în managementul apelor uzate, contribuind la protejarea apelor de suprafață și subterane, a terenurilor agricole, la inovarea industriei de specialitate și la protejarea sănătății publice.

Rezultatele științifice au fost diseminate prin publicații de specialitate și prezentări în cadrul conferințelor internaționale, consolidând colaborările multidisciplinare și contribuind la promovarea practici sustenabile în domeniul protecției mediului și al dezvoltării durabile.

Data: 30.09.2025

Semnătură:

Lista de lucrări în domeniul de știință definit de disciplinele din postul scos la concurs

NUMELE ȘI PRENUMELE: Ilkei Klementina-Imelda

I. LISTA PUBLICAȚIILOR RELEVANTE

1. **K. I. Ilkei**, S. Jakab-Kodácz, Gy. Mara – *How to feed your microbiome? The role of dietary fibres in shaping microbiome and host health* – Acta Univ. Sapientiae, Alimentaria, 17 (2024) 101–119, DOI: 10.47745/ausal-2024-0006

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

În curs: "Rolul bacteriilor intestinale și al nutriției în dezvoltarea diabetului de tip 2"

B. Cărți publicate

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

1. Gyöngyvér MARA, PhD, **Klementina-Imelda ILKEI**, Emese-Éva BÁLINT, PhD, Pál SALAMON, PhD – Friend of foe? The human microbiome and its role in health. Indehp E-Handbook – Digital Curriculum Development in Higher Education, 2024, 105-119
2. Emese-Éva BÁLINT, PhD, Pál SALAMON, PhD, Gyöngyvér MARA, PhD, **Klementina-Imelda ILKEI**, Common bacteria and viruses causing infections in schools. A brief overview, Indehp E-Handbook – Digital Curriculum Development in Higher Education, 2024, 93-104

C. Lucrări științifice publicate

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaționale).

1. **K. I. Ilkei**, S. Jakab-Kodácz, Gy. Mara – *How to feed your microbiome? The role of dietary fibres in shaping microbiome and host health* – Acta Univ. Sapientiae, Alimentaria, 17 (2024) 101–119, DOI: 10.47745/ausal-2024-0006

C6. Lucrări științifice publicate în volumele manifestărilor științifice

2019

1. **Ilkei Klementina-Imelda**, Lázár Aletta, „Necroptosis ca cea mai recentă transmisie a semnalului de moarte celulară programată examinată in silico și in vitro” (*A nekroptózis, mint legújabb programozott sejthalál jelátvitelének vizsgálata in silico és in vitro*) – XVI. Conferința științifică a studenților facultății, 14 mai 2019.
2. **Ilkei Klementina-Imelda**, Lázár Aletta, „Necroptosis ca ultimul semnal de moarte celulară programată examinat in silico și in vitro” (*A nekroptózis, mint legújabb programozott sejthalál jelátvitelének vizsgálata in silico és in vitro*) – XXII. Conferința științifică studențească transilvăneană, 23-26 mai 2019.

2021

3. **Ilkei Klementina-Imelda**, „Efectul fibrelor alimentare și al metforminei in vitro asupra producției de metaboliți secundari de către bacteria intestinală *Lactobacillus casei* BL26” (*Az élelmi rostok és a metformin hatása in vitro a Lactobacillus casei BL26 bélbaktérium szekunder metabolit termelésére*) – XVIII. Conferința științifică a studenților facultății, 11 mai 2021.
4. **Ilkei Klementina-Imelda**, „Efectul fibrelor alimentare și al metforminei in vitro asupra producției de metaboliți secundari de către bacteria intestinală *Lactobacillus casei* BL26” (*Az élelmi rostok és a metformin hatása in vitro a Lactobacillus casei BL26 bélbaktérium szekunder metabolit termelésére*) – XXIV. Conferința științifică studențească transilvăneană, 27-30 mai 2021.

2023

5. Gyöngyvér Mara, Annmária Becze, Éva Boglárka Vincze, **Klementina Imelda Ilkei**, Csilla Albert, *Bacterial Secondary Metabolite Quantification Using Bioanalytical Methods* - 21st INTERNATIONAL SYMPOSIUM AND SUMMER SCHOOL ON BIOANALYSIS, 10 - 15 July, 2023, Târgu Mureș, Romania
6. **Klementina Imelda Ilkei**, ALBERT Csilla, MARA Gyöngyvér, „Rolul fibrelor din mere și al metforminei în producția de acizi grași cu lanț scurt de către două bacterii intestinale importante” (*Az alma rost és a metformin szerepe két fontos bélbaktérium rövid szénláncú zsírsav termelésében*)– XXIX. Conferința internațională de chimie, 25-28 octombrie 2023, Târgu Mureș, România

2024

7. Gy. Mara, **K-I. Ilkei**, S. Jakab-Kodácz, P. Salamon. „Strengths and limitations of MALDI-TOF-MS in microbial identification” - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
8. Gy. Mara, **K-I. Ilkei**, S. Jakab-Kodácz, P. Salamon. „Strengths and limitations of MALDI-TOF-MS in microbial identification” - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
9. **K-I. Ilkei**, S. Jakab-Kodácz, P. Salamon, Gy. Mara. „Optimization of sample preparation for bacterial identification with MALDI-TOF-MS” - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
10. S. Jakab-Kodácz, **K-I. Ilkei**, Cs. Albert, Gy. Mara. „Microbial secondary metabolite detection from fecal samples with GC-MS” - 22nd International Summer School on Bioanalysis Prague, July 8-12., 2024
11. **ILKEI Klementina-Imelda**, JAKAB-KODÁCS Stefánia, MARA Gyöngyvér, „Examinarea compoziției microbiomului la diabeticii de tip 2 tratați cu insulină și metformină” (*Inzulinnal és metforminnal kezelt 2-es típusú cukorbetegnek mikrobiom összetételének vizsgálata*) – XXX. Conferința Internațională de Chimie, 23-26 octombrie 2024, Cluj-Napoca, România

2025

12. **ILKEI Klementina-Imelda**, CSATÓ-KOVÁCS Erika, ALBERT Csilla, MARA Gyöngyvér, „Modificări în profilul metabolitului diabeticii de tip 2 pe baza compoziției microbiomului intestinal” (*A 2-es típusú cukorbetegnek metabolit profiljának változásai a bél mikrobiom összetétel alapján*) – EME - XXXIII. Conferința științifică, 3-5 aprilie 2025, Covasna, România
13. **ILKEI Klementina-Imelda**, CSATÓ-KOVÁCS Erika, ALBERT Csilla, MARA Gyöngyvér, „Modificări în profilul metabolitului diabeticii de tip 2 pe baza compoziției microbiomului intestinal” DE LA CERCETAREA FUNDAMENTALĂ LA ȘTIINȚELE APLICATE (IX. sesiune științifică) (*A 2-es típusú cukorbetegnek metabolit profiljának változásai a bél mikrobiom összetétel alapján*)– Forumul anual al doctoranzilor, 9 mai 2025, Miercurea Ciuc
14. **Klementina-Imelda Ilkei**, Erika Csató-Kovács, Csilla Albert, Gyöngyvér Mara, „Gut microbiome structure and metabolic activity in type 2 diabetic patients” – 23st International Summer School on Bioanalysis Zagreb, July 6-15.

III. RECUNOAȘTEREA

I. Premii, distincții.

Bursa “Székely Előfutár” – Mențiune 2020

Programul de burse Balassi Bálint, Bursa Klebelsberg Kuno pentru dezvoltarea talentelor – 2019-2020

Premiul „MAXIMUS” pentru cea mai remarcabilă lucrare științifică – 2021

Bursa “Székely Előfutár” – 2024-2025

Programul de burse Collegium Talentum – 2024-2025 și 2025-2026

Data, 14.10.2025

**Semnătura,
Ilkei Klementina-Imelda**

Domeniul de interes: microbiologie, rezistență antimicrobiană

Publicații în extenso:

1. Földes A, **Molnár Sz**, Bilca D-V, Voidăzan S T, Székely E. Molecular epidemiology and the clinical impact of carbapenemase-producing Enterobacterales isolates among adult patients: aspects from a Romanian non-teaching hospital. Romanian Review of Laboratory Medicine 2020;28(4):427-39. IF 0,945
2. **Molnár Sz**, Vas KE, Szekely E. Carbapenemase Producing Enterobacterales in Romania: Investigating the Origins. Romanian Review of Laboratory Medicine 2020;28(4):341-8. IF 0,945
3. **Molnár S** et al. Dissemination of NDM-1 carbapenemase-producer Providencia stuartii strains in Romanian hospitals: a multicentre study. J Hosp Infect. 2019; pii: S0195-6701(19)30184-7. doi: 10.1016/j.jhin.2019.04.015. IF 3,354
4. Székely E, Eitel Z, **Molnár S**, Szász I, Bilca D, Sóki J: Analysis of Romanian Bacteroides isolates for antibiotic resistance levels and the corresponding antibiotic resistance genes. Anaerobe, 2015, 31:11-14. IF: 2,479. ISSN 1075-9964
5. KE Vas, I Szász, **S Molnár**, L Lőrinczi, E Székely Study of Decreased Susceptibility to Vancomycin in Methicillin-Resistant Staphylococcus aureus Strains isolated from a Romanian Multidisciplinary Emergency Hospital. Romanian Review of Laboratory Medicine 2014;22(2):245-254. IF: 0.239. ISSN 1841-6624
6. E Székely, I Damjanova, L Jánvári, Krisztina E Vas, **Sz Molnár**, D V Bilca, L K Lőrinczi, ÁTóth: First description of bla NDM-1, bla OXA-48, bla OXA-181 producing Enterobacteriaceae strains in Romania. International Journal of Medical Microbiology 2013;303(8): 697-700. IF:3,42. ISSN 1438-4221
7. E Székely, A Man, A Mare, K E Vas, **Sz Molnár**, D Bilca, J Szederjesi, F Toma, L Lőrinczi: Molecular epidemiology and virulence factors of methicillin-resistant Staphylococcus aureus strains in a Romanian university hospital. Romanian Review of Laboratory Medicine 2012;20(4):371-382. IF: 0,097. ISSN 1841-6624

Lucrări prezentate la diferite conferințe sau congrese:

1. **Molnár Sz.**, Székely E., Vas K., Szász I., Lőrinczi L., Bilca D.: Detection of Metallo-Beta-Lactamase Production Among Carbapenem-resistant Pseudomonas aeruginosa Strains Using Phenotypic and Molecular Methods . National Congress of Microbiology and National Conference of Epidemiology, Iasi, 2011, November 10-12. Bacteriologia, virusologia, parazitologia, epidemiologia 2011;56:64. ISSN 1220-3639
2. Vas K., Székely E., **Molnár Sz.**, Bilca D.: Carbapenem Susceptibility Of Enterobacteria – The Influence of the International Standards Used for Interpretation National Congress of Microbiology and National Conference of Epidemiology, Iasi, 2011, November 10-12. Bacteriologia, virusologia, parazitologia, epidemiologia 2011;56:64 ISSN 1220-3639
3. Székely E., **Molnár Sz.**, Vas K., Bilca D., Szász I., Lőrinczi L.: Emergence of Carbapenemase Producing Gram-negative Enteric Rods in Targu-Mures. European Experience in Surveillance and Control of Nosocomial Infections - Second Edition, Brasov, 2012, May 10-13. Volum de abstracte 30-31, ISBN: 978-606-92994-7-0.
4. Szöcs-Gazdi U., Székely E., Vas K., **Molnár Sz.**, Lőrinczi L.: Emergence of spa type t008 Methicillin-Resistant Staphylococcus aureus Strains in OdorheiuSecuiesc Hospital. European Experience in Surveillance and Control of Nosocomial Infections - Second Edition, Brasov, 2012, May 10-13. Volum de abstracte 49-50, ISBN: 978-606-92994-7-0.
5. Székely E., Man A., Mare A., Vas K., **Molnár Sz.**, Szederjesi J., Bilca D., Szász I., Lőrinczi L.: Molecular Characterisation of Methicillin-resistant Staphylococcus aureus Strains Occuring in a University Hospital. European Experience in Surveillance and Control of Nosocomial Infections - Second Edition, Brasov, 2012, May 10-13. Volum de abstracte 42-43, ISBN: 978-606-92994-7-0.
6. Vas K., **Molnár Sz.**, Bilca D., Szász I., Lőrinczi L., Székely E.: Study of Reduced Glycopeptid-Susceptibility by Methicillin-Resistant Staphylococcus aureus Strains.European Experience in Surveillance and Control of Nosocomial Infections - Second Edition, Brasov, 2012, May 10-13. abstract in conference book: 101-102, ISBN: 978-606-92994-7-0.

Participări la pregătiri profesionale în țară și în străinătate:

1. Absolvirea programul de formare profesională „Dezvoltarea competitivității angajaților din laboratoarele de imunologie” desfășurat în perioada 02.12.2010 – 30.11.2013 în cadrul proiectului „Formare profesională și organizațională a angajaților din Laboratoarele de Imunologie prin implementarea tehnologiilor de vârf și a managementului calității – IMUNOLAB”, contract POSDRU/81/3.2/S/59497.
2. ESCMID Observership, iunie 2013, Institutul de Microbiologie al Centrului Clinic Szent-Gyorgyi Albert, Szeged, Ungaria.

Alte activități relevante:

Traducerea (din engleză în română) a unor ghiduri de buzunar cu tematică medicală, respectiv lectorarea/corectura acestora:

1. Ghidul medicului de gardă, J A Katzel, ed. Farmamedia, Târgu Mureș, 2010, ISBN 978-606-92180-9-9
2. Breviar de anatomie, A Sender, S Schwartz, ed. Farmamedia, Târgu Mureș, 2010, ISBN 978-606-92180-2-0
3. Clasificări medicale, Seidel-Gruene-Borte, ed. FarmaMedia, Târgu Mureș, 2010, ISBN 978-606-8215-05-1
4. Ghidul de buzunar al medicului de familie, J S Esherick, ed. Edupoint, Târgu Mureș, 2009, ISBN 978-606-92017-1-8

Data 20.10.2025

Semnatura

LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

A Székelyföldön előállított tej és tejtermékek összetétele, különös tekintettel a tej alapanyag összcsíra számára (The composition of milk and dairy products in Székelyland, with special respect to the total germ number of the milk raw material)

2010., Dr. Csapó János, Universitatea Kaposvár, Facultatea de Stiinte Animale, Departamentul de Chimie si Biochimie

B. Cărți publicate

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

1. Csapó J., Albert Cs.: A túlsúly, az elhízás és a táplálkozás kapcsolata. Scientia Kiadó, Kolozsvár, 2021. p. 1-318, ISBN 978-606-9750-51-3.
2. Csapó, J., Albert, Cs., Kiss, D.: Analitikai kémia élelmiszer-mérnököknek, Editura Scientia Kiadó, Cluj, 2020. 1-364., ISBN: 978-606-9750-34-6 (606-9750-34-9).
3. Csapó, J., Albert, Cs.: Funkcionális élelmiszerek (Alimente functionale). Debrecen University Press, Debrecen, 2018.1-282., ISBN: 978-963-318-707-4.
4. Csapó, J., Albert, Cs., Csapóné Kiss, Zs.: Élelmiszerhamisítás. Debreceni Egyetem Kiadó Debrecen University Press, 2016. 1-217., ISBN: 978-963-318-936-4.
5. Csapó, J., Albert, Cs., Csapóné Kiss, Zs.: Funkcionális élelmiszerek. Scientia Kiadó, Kolozsvár, 2016. 1-216., ISBN: 978-606-9750-01-8.
6. Csapó, J., Albert, Cs., Csapóné Kiss, Zs.: Élelmiszer-hamisítás és kimutatása. Scientia Kiadó, Kolozsvár, 2016. 1-441., ISBN: 978-973-1970-98-1.
7. Csapó, J., Albert, Cs., Csapóné Kiss Zs.: Élelmiszeranalitika. Válogatott fejezetek (Analitică alimentară). Editura Scientia Kiadó, Cluj, 2008. 1-314., ISBN 978-973-7953-94-0.
8. Csapó, J., Csapóné Kiss, Zs., Albert, Cs., Salamon, Sz.: Élelmiszerfehérjék minősítése (Calificarea proteinelor alimentare). Editura Scientia Kiadó, Cluj, 2007.1-506., ISBN 978-973-7953-75-9.

B5. Capitole de cărți publicate în străinătate

1. Csapó, J., Albert, Cs., Lóki, K., Csapó-Kiss, Zs., Varga-Visi, É.: Quantitative determination of the protein of bacterial based on D-amino acid content. D-amino acids: a new frontier in amino acid and protein research. Ed.: Ryuichi Konno. 2007. p. 123-133. ISBN 1-60021-075-9

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Csató-Kovács E, Salamon P, Fikó-László S, Kovács K, Koka A, András-Korodi M, Antal E, Brumă E, Tórsók B, Gudor S, Miklóssy I, Orbán K. Cs, Albert Cs, Bálint É.E, Albert B. Development of a Mammalian Cell Line for Stable Production of Anti-PD-1. Antibodies. 2024; 13(4):82. <https://doi.org/10.3390/antib13040082>.
2. Székely-Szentmiklósi I, Rédei EM, Szabó Z-I, Kovács B, Albert Cs, Gergely A-L, Székely-Szentmiklósi B, Sipos E. Microencapsulation by Complex Coacervation of

- Lavender Oil Obtained by Steam Distillation at Semi-Industrial Scale. *Foods*. 2024; 13(18):2935. <https://doi.org/10.3390/foods13182935>
3. Székely-Szentmiklósi I, Rédei EM, Vlad RA, Szabó Z-I, Kovács B, Gergely A-L, **Albert Cs**, Székely-Szentmiklósi B, Sipos E. Microencapsulation of *Salvia Officinalis* L. essential oil by complex coacervation technology. *Studia UBB Chemia*, LXIX, 3, 2024 (p. 221-241) DOI:10.24193/subbchem.2024.3.14
 4. Székely-Szentmiklósi I, Rédei EM, Kovács B, Gergely A-L, **Albert Cs**, Szabó Z-I, Székely-Szentmiklósi B, Sipos E. Investigation of Yarrow Essential Oil Composition and Microencapsulation by Complex Coacervation Technology. *Applied Sciences*. 2024; 14(17):7867. <https://doi.org/10.3390/app14177867>
 5. Gyenge, L., Erdő, K., **Albert, Cs.**, Laslo, É., Salamon, R. V. (2024). The effects of soaking in salted blackcurrant wine on the properties of cheese. *Heliyon*, 10(14), e34060-e34060.
 6. Iakab, M., Domokos, E., Fazakas, C., Biró-Janka, B., Fodorpataki, L., **Albert, Cs.**, Orban, C., Dulf, F.V. (2024). Changes induced by vesicular-arbuscular fungus *Rhizophagus irregularis* in aerial parts of *Echinacea purpurea*. *Sci. Hortic.* 328, 112922.
 7. **Albert, Cs.**; Codină, G.G.; Héjja, M.; András, C.D.; Chetrariu, A.; Dabija, A. Study of antioxidant activity of darden blackberries (*Rubus fruticosus* L.) extracts obtained with different extraction solvents. *Appl. Sci.* 2022, 12, 4004. <https://doi.org/10.3390/app12084004>, (IF = 2,838).
 8. Domokos, E., Biró-Janka, B., Bálint, J., Molnár, K., Fazakas, Cs., Jakab-Farkas, L., Domokos, J., **Albert, Cs.**, Mara, Gy., Balog, A.: Arbuscular mycorrhizal fungus *rhizophagus irregularis* influences *artemisia annua* plant parameters and artemisinin content under different soil types and cultivation methods, *Microorganisms*, 2020, 8(6), pp. 1–17, 899
 9. Csapó, J., **Albert, Cs.**, Szigeti, T.J.: Counterfeiting of milk and dairy products, and analytical methods suitable for the detection of counterfeiting, | *Élelmiszervizsgálati Közlemények*, 2020, 66(1), pp. 2802–2828
 10. Csapó, J., **Albert, Cs.**, Szigeti, T.J.: Functional foods, *Élelmiszervizsgálati Közlemények*, 2019. 1. 2340-2360
 11. Csapó, J., **Albert, Cs.**, Bakos, G., Nagy, Á., Szabari, M., Stefler, J.: Kettes és hármas ikreket ellett tehenek kolosztrumának összetétele. *Magyar Állatorvosok Lapja*. 2019. 141. 463-470.
 12. Benedek, K., Bálint, J., Máthé, I., Mara, Gy., Felföldi, T., Szabó, A., Fazakas, Cs., **Albert, Cs.**, Buchkowski, W. R., Schmitz, O.J., Balog, A. (2019). Linking intraspecific variation in plant chemical defence with arthropod and soil bacterial community structure and N allocation. *Plant and Soil*, 1-15.
 13. Domokos, E., Jakab-Farkas, L., Darkó, B., Biró-Janka, B., Mara, G., **Albert, Cs.**, & Balog, A. (2018). Increase in *Artemisia annua* Plant Biomass Artemisinin Content and Guaiacol Peroxidase Activity Using the Arbuscular Mycorrhizal Fungus *Rhizophagus irregularis*. *Frontiers in plant science*, 9, 478.
 14. András, C.D., **Albert, Cs.**, Salamon, S., Gálicza, J., András, R., András, E.: *Conus magus* vs. Irukandji syndrome: a computational approach of a possible new therapy., *Brain Research Bulletin*, 2011, 86(3-4), 195-202.
 15. András, C.D., Csajági, C., Orbán, K.C., **Albert, Cs.**, Ábrahám, B., Miklóssy, I.: A possible explanation of the germicide effect of carbon dioxide in supercritical state based on molecular-biological evidences, *Medical Hypotheses*, 2010, *Medical Hypotheses*, 74 (2), pp. 325-329.

16. Csapó, J., Varga-Visi, É., Lóki, K., **Albert, Cs.**, Salamon, Sz.: The influence of the extrusion on the racemization of the amino acids. *Amino Acids*. 2008. 34. 2. 287-292. p. ISSN: 14382199
17. Csapó, J., Varga-Visi, É., Lóki, K., **Albert, Cs.**: The influence of manufacture on the free D-amino acid content of Cheddar cheese. *Amino Acids*. 2007. 32. 1. 39-44.
18. Csapó, J., Varga-Visi, É., Lóki, K., **Albert, Cs.**: Analysis of the racemization of the tryptophan. *Chromatographia*. 2006. 63. 101-104.

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

1. Kelemen, M., **Albert, Cs.**, András, Cs.D., Salamon, R-V.: Preliminary study of lavender-flavoured beer production methods, *Acta Universitatis Sapientiae, Alimentaria* 17(2024):120-135. DOI: 10.47745/ausal-2024-0007.
2. Vásárhelyi, P.B., Szabó, R.T., **Albert, Cs.**: Különböző székelyföldi mézminták változásának vizsgálata az idő függvényében. (2024). *Animal Welfare, Etológia és Tartástechnológia (AWETH)*, 20(1), 45-57. <https://doi.org/10.17205/aweth.5910>
3. Orbán, Cs., Kis, É., **Albert, Cs.**, Molnos, É. Antioxidant capacity of blackcurrant (L.) leaves and buds. *Acta Universitatis Sapientiae, Alimentaria*, 14(1), 2021. 117-129. (CABI, AGRICOLA)
4. Csapó, J., **Albert, Cs.**, Sipos, P.: The aflatoxin content of milk and dairy products as well as breast milk and the possibilities of detoxification. *Acta Universitatis Sapientiae, Alimentaria*, 13 (2020) 99–11. (CABI, AGRICOLA)
5. Csapó, J., **Albert, Cs.**, Bakos, G., Nagy, Á., Szabari, M., & Stefler, J. (2019). Colostrum composition of cows after twin-and triplet-calving. *Acta Universitatis Sapientiae, Alimentaria*, 12(1), 42-53. (CABI, AGRICOLA)
6. Csapó, J., Prokisch, J., **Albert, Cs.**, & Sipos, P. (2019). Effect of UV light on food quality and safety. *Acta Universitatis Sapientiae, Alimentaria*, 12(1), 21-41. (CABI, AGRICOLA)
7. Csapó J., Némethy S., **Albert Cs.**: Food counterfeiting in general; counterfeiting of milk and dairy products. *Ecocycles* 5.1 (2019): 26-41.
8. Csapó, J., **Albert, Cs.**: Methods and procedures for reducing soy trypsin inhibitor activity by means of heat treatment combined with chemical methods. *Acta Universitatis Sapientiae, Alimentaria*, 11. 2018. 57-79. (CABI, AGRICOLA)
9. Csapó, J., **Albert, Cs.**: Methods and procedures for the processing of feather from poultry slaughterhouses and the application of feather meal as antioxidant. *Acta Universitatis Sapientiae, Alimentaria*, 11. 2018. 80-95. (CABI, AGRICOLA)
10. Csapó, J., Kiss, D., **Albert, Cs.**: Production of prebiotics via reactions involving lactose as well as malic acid and citric acid. *Acta Universitatis Sapientiae, Alimentaria*, 11. 2018. 96-108. (CABI, AGRICOLA)
11. Csapó, J., **Albert, Cs.**, Kiss, D.: Production of protected amino acids using the reaction between hydroxycarboxylic acids and amino acids as well as binding on the bentonite. *Acta Universitatis Sapientiae, Alimentaria*, 11. 2018. 109-126. (CABI, AGRICOLA)
12. Csapó J., **Albert Cs.**: Wine adulteration and its detection based on the rate and the concentration of free amino acids. *Acta Agraria Debreceniensis*, 2018. 150. 139-153
13. **Cs. Albert**, S. Gombos, R. V. Salamon, J. Prokisch, J. Csapó: Production of highly nutritious functional food with the supplementation of wheat flour with lysine, *Acta Universitatis Sapientiae, Alimentaria*, 10 (2017) 5–20. (CABI, AGRICOLA)
14. J. Prokisch, Z. Csiki, **Cs. Albert**, J. Csapó: Production of high-lysine-content biscuit and examination of the absorption of lysine in humans, *Acta Universitatis Sapientiae, Alimentaria*, 10 (2017) 21–35. (CABI, AGRICOLA)

15. J. Csapó, **Cs. Albert**, J. Prokisch: The role of vitamins in the diet of the elderly. I. Fat-soluble vitamins. *Acta Universitatis Sapientiae, Alimentaria*, 10 (2017) 127–145. (CABI, AGRICOLA)
16. J. Csapó, **Cs. Albert**, J. Prokisch: The role of vitamins in the diet of the elderly. II. Water-soluble vitamins, *Acta Universitatis Sapientiae, Alimentaria*, 10 (2017) 146–166. (CABI, AGRICOLA)
17. Csapó, J., **Albert, Cs.**: Funkcionális élelmiszerek, múlt, jelen, jövő. (Functional foods, past, present future). *Acta Scientiarum Transylvanica, Chimica*. 23-24/3. 54-63. 2015-2016
18. Csapó, J., **Albert, Cs.**: Determination of seleno-amino acids by ion exchange column chromatography and high performance liquid chromatography (Preliminary study). *Acta Universitatis Sapientiae, Alimentaria*. 2013. 45-52. (CABI, AGRICOLA)
19. **Albert Cs.**, Csapó J.: A mikroorganizmus-szám hatása tej és tejtermékek D-aminosav tartalmára. *Tejgazdaság*. 2012. 62. 1-2. 3-12.
20. Lóki, K., Kalambura, S., Mándoki, Zs., Varga-Visi, É., **Albert, Cs.**, Csapó, J.: The influence Csapó, J., Lóki, K., Béri, B., Süli, Á., Varga-Visi, É., **Albert, Cs.**, Csapó-Kiss, Zs.: Colostrum and milk of current and rare cattle breeds: protein content and amino acid composition. *Acta Universitatis Sapientiae, Alimentaria*. 2011. 18-27. (CABI, AGRICOLA)
21. of disposal technology obtained with alkaline treatments on D-amino acid content of slaughterhouse waste. *Acta Universitatis Sapientiae, Alimentaria*. 2010. 1. 66-80. (CABI, AGRICOLA)
22. Csapó, J., **Albert, Cs.**, Csapó-Kiss, Zs.: The D-amino acid content of foodstuffs. (A Review). *Acta Universitatis Sapientiae, Alimentaria*. 2009. 2. 1. ISSN 1844-7449, p. 5-30. (CABI Database, Global Health)
23. Pohn, G., **Albert, Cs.**, Csapó-Kiss, Zs., Csapó, J.: Influence of mastitis on D-amino acid content of milk. *Acta Universitatis Sapientiae, Alimentaria*. 2009. 2. 1. ISSN 1844-7449, p. 31-43. (CABI Database, Global Health)
24. Varga-Visi, É., Pohn, G., **Albert, Cs.**, Mándoki, Zs., Csapó, J.: The effect of thermic treatment conditions on the amino acid composition of soybean and maize. In: *Krmiva*. 2009. 51. ISSN:0023-4850 p. 139-144. (CABI Database, Referativny Zhurnal, Agricola)
25. **Albert, Cs.**, Mándoki, Zs., Csapó-Kiss, Zs., Csapó, J.: The effect of microwave pasteurization on the composition of milk. *Acta Universitatis Sapientiae Alimentaria*, 2 (2) (2009), pp. 153-165. (CABI Database, Agricola)
26. Csapó, J., **Albert, Cs.**, Lóki, K., Csapó-Kiss, Zs.: Quantitative determination of the protein of bacterial origin based on D-amino acid contents. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 81-98. (CABI Database, Global Health)
27. Csapó, J., **Albert, Cs.**, Pohn, G., Csapó-Kiss, Zs.: Rapid method for the determination of diaminopimelic acid using ion exchange chromatography. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 99-108. (CABI Database, Global Health)
28. Csapó, J., **Albert, Cs.**, Lóki, K., Pohn, G.: Age determination based on amino acid racemization: a new possibility. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 109-118. (CABI Database, Global Health)
29. **Albert, Cs.**, Lóki, K., Pohn, G., Varga-Visi, É., Csapó, J.: Investigation of performic acid oxidation in case of thiol-containing amino acid. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 73-80. (CABI Database, Global Health)
30. Lóki, K., Varga-Visi, É., **Albert, Cs.**, Csapó, J.: Separation and determination of the tryptophan enantiomers. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 61-72. (CABI Database, Global Health)
31. Csapó, J., Lóki, K., **Albert, Cs.**, Csapó-Kiss, Zs.: Mercaptoethanesulfonic acid as the reductive thiol-containing reagent employed for the derivatization of amino acids with o-

- phthaldialdehyde analysis. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 49-60. (CABI Database, Global Health)
32. Csapó, J., Csapó-Kiss, Zs., **Albert, Cs.**, Lóki, K.: Hydrolysis of proteins performed at high temperatures and for short times with reduced racemization, in order to determine the enantiomers of D- and L-amino acids. *Acta Universitatis Sapientiae, Alimentaria*. 2008. 1. ISSN 1844-7449, p. 31-48. (CABI Database, Global Health)
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C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

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C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

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C6. Lucrări științifice publicate în volumele manifestărilor științifice

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20. **Albert, Cs.**, Pohn, G., Lóki, K., Salamon, Sz., Tamás, M., Albert, B., Csapó-Kiss, Zs., Csapó, J.: A nyerstej összcsíraszámának hatása a különböző tejtermékek szabadaminosav- és szabad D-aminosav-tartalmára. (Effect of total germ number of raw milk on free amino acid and free D-amino acid contents of various dairy products). *13th International Conference of Chemistry*. Cluj Napoca, 2007. nov. 8-11. ISSN: 18436293. p.21-24.
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G. Contracte de cercetare (menționați calitatea de director sau membru)

1. Dezvoltarea unei tehnologii de producție de anticorpi monoclonali la sediul firmei CORAX-BIONER CEU S.A., nr. contract de finanțare 398/09.11.2021, Actiunea 1.2.2, ID: POC/163/1/3, MySMIS: 121101, Responsabil proiect pe partea analitică, perioada 2021-2023, valoare 15987516,45 lei
2. Dezvoltarea unor set reactivi chimici și studiul lor în analiza apelor, Contract de cercetare - dezvoltare științifică Nr. 1/01.07.2016, SC. Fiatch SRL, director proiect, perioada 01.07.2016-05.12.2016 valoare 172954,44 lei.
3. Obținerea unui produs funcțional cu valoare nutritivă ridicată prin fortificarea făinii de grâu cu lizină, Nr. de înreg. IPC: 12/4/28.04.2015, Nr. de înreg. Univ. Sapientia: 252/1/28.04.2015, Institutul Programelor de Cercetare al Univ. Sapientia, Responsabil proiect, perioada 2015-2016, valoare 16000 lei.

Programul/proiectul	Funcția	Perioada
Determinarea cantității de D-aminoacizi a laptelui și a produselor lactate. Nr. de înreg: 1325/05.10.2004, 1283/25.10.2005, 1034/15.10.2006/Institutul Programelor de Cercetare al Univ. Sapiientia	Cercetător/ specialist	2004- 2007
Optimizarea moleculara a unei enzimei centrale din calea metabolica a conversiei xilozei. Reactor optimizat pentru transformarea enzimatica a xilozei rezultate din deseurile celulozice OMEXIL, Nr. Contract: 1/06.10.2005. CEEX	Cercetător/ specialist	2005- 2008
Cercetări privind creșterea siguranței alimentare prin utilizarea de procese neconvenționale de tratare termică a unor produse alimentare lichide- SIGMA, nr. Ctr.: 40/4.2006, program CEEX	Cercetător/ specialist	2006- 2009
CEEX/ Retea integrata de cercetare pentru constituirea unei platforme tehnologice de biomateriale avansate, compatibila EuMaT – ADVABIOMAT Nr. Contract: 54/20.07.2007	Cercetător/ specialist	2006- 2009
CEEX/ Diagnoză și predicție inteligentă și activă a construcțiilor cu structura de rezistență în mediul înconjurător complex poluat – DIRECTOR Nr. Contract: 136/02.10.2006	Cercetător/ specialist	2006- 2009
CEEX/ “Impactul câmpurilor electromagnetice de natură antropică asupra ecosistemelor – ICEMECOS” Nr. Contract: X2C37/04.10.2006	Cercetător/ specialist	2006- 2009
Programul 4 PNCDI2/ Interactii bio / non-bio implicate in design-ul tesuturilor tari – INTESTA Nr. Contract: 41-059/14.09.2007	Cercetător/ specialist	2007- 2010
Programul 4 PNCDI2/ Sistem Informatic Integrat, Bazat Pe Inteligenta Artificiala, Pentru Examinarea Cererilor De Brevet De Inventie – EXAMBREV Nr. Contract: 11-076/18.09.2007	Cercetător/ specialist	2007- 2010
Programul 4 PNCDI2/ Reproiectarea Specificității Enzimatică prin Evoluție Dirijată. Elaborarea unei Serin-Proteaze Specifice pentru Clivarea C-terminală a Fosfotirozinei. PHOSPHOTYRASE Nr. Contract: 61-027/14.09.2007	Cercetător/ specialist	2007- 2010
Variația compoziției laptelui de mamă în funcție de nutriție având în vedere conținutul de acid linoleic conjugat, trans acizi grași, macro și microelemente, colesterolă, carbamidă. Nr. de înreg: 649/01.12.2007, 212/32/13.04.2009/ Institutul Programelor de Cercetare al Univ. Sapiientia	Cercetător/ specialist	2007- 2009
Sistem informatic de monitorizare si control a statiilor de epurare a apelor uzate prin utilizarea sistemelor distribuite multi-agent si a unor algoritmi avansati de reglare automata- AICSYS, nr. Ctr.: 30/2007, program INOVARE	Cercetător/ specialist	2007- 2010
Aplicarea tehnologiilor de preepurare a apelor uzate in rețeaua de canalizare- ATARC, nr. Ctr.: 25/2007, program INOVARE	Cercetător/ specialist	2007- 2009
Conceperea, realizarea și experimentarea unui sistem performant de transfer a oxigenului în reactoare biologice aerate-TEOFIT, nr. Ctr.: 21/2007, program INOVARE	Cercetător/ specialist	2007- 2010
Tehnologie si echipament pentru pasteurizarea laptelui si a smantanii in camp de microunde – MICROPAST nr. Ctr. 88/25.09.2007 Programul 5 INOVARE/	Cercetător/ specialist	2007- 2010
Creșterea competitivității produselor lactate sinbiotice fabricate la sc lactis srl – odorheiu secuiesc prin îmbunătățirea calitatii laptelui materie prima si optimizarea si dezvoltarea activitatii de marketing- SIMBIOMARK, nr. Ctr.: 98/2007, program INOVARE	Cercetător/ specialist	2007- 2010

Tehnologii inovative de fabricare a produselor lactate functionale in conditii de siguranta alimentara- INOVATEC, nr. Ctr.: 89/2007, program INOVARE	Cercetător/ specialist	2007- 2010
Tehnologii inovative de conservare si utilizare a bacteriilor lactice probiotice cu performante biotehnologice superioare pentru cresterea sigurantei alimentare- INCTEC, nr. Ctr.: 61-001, program PNCDI2	Cercetător/ specialist	2007- 2010
Cercetari interdisciplinare privind valorificarea energetica a subproduselor din industria laptelui-vespil, nr. Ctr: 31-096, program PNCDI2	Cercetător/ specialist	2007- 2010
Tehnologii pentru producerea de alimente cu continut optim de seleniu- TOPAS, nr. Ctr. 61-022, program PNCDI2	Cercetător/ specialist	2007- 2010
Inoculanti microbieni pentru sisteme de agricultura durabila- MIMOSA, nr. Ctr. 31-048, program PNCDI2	Cercetător/ specialist	2007- 2010
Programul 4 PNCDI2/ Procedeu de obtinere de bioetanol din deseuri Agroalimentare Tratate cu Enzime Termostabile Recombinate, Obtinute prin Expresie Heterologa Extracelulara – Bio-desenex, nr. Ctr. 62-090/2008	Cercetător/ specialist	2008- 2011
Programul 4 PNCDI2/ Elucidarea mecanismului de Reglare Fină a Răspunsului Imun în Patologia Neoplazică și Inflamatorie Umană în vederea Elaborării unor Terapii Inovative – ERIC, nr. Ctr. 42-147/2008	Cercetător/ specialist	2008- 2011
Programul 4 PNCDI2/ Sistem bioinformatic bazat pe inteligența artificială pentru monitorizarea sistemului imunitar în corelație cu procesele metabolice din organismul uman- MONIMUN, nr. Ctr. 62-073/2008	Cercetător/ specialist	2008- 2011
Programul Operational Sectorial Axa 2.1.1/ Biopreparate microbiene pentru cresterea productivitatii si protectia culturilor agricole- BIOPREP Nr. Contract: 169/16.06.2010, valoare totală 5.000.000 lei	Cercetător/ specialist	2010- 2012
Conținutul de seleniu a alimentelor provenite din Secuime Nr. înreg. IPC: 48/4/09.04.2010, Univ. Sap.: 211/4/09.04.2010, IPC: 34/5/22.03.2011, Univ. Sap.: 126/5/22.03.2011. / Institutul Programelor de Cercetare al Univ. Sapientia	Cercetător/ specialist	2010- 2013
Programul 4 PNCDI2/ Managementul complex al resturilor vegetale în sistemele de agricultură conservativă CERES, ctr. Nr. 159/2014	Cercetător/ specialist	2014- 2016
Programul PNCDI2/ Synthesis of some C4, C5 carboxylic acid building block chemicals from renewable biomass resources-BIOBUILD Nr. Contract: 31/2012	Cercetător/ specialist	2012- 2015
Programul Operational Sectorial Axa 2.1.1./Biopreparate microbiene pentru creșterea calitatii furajelor insilozate-SILOPREP Nr. contract: 565/09.09.2013 , valoare totală 6.066.000 lei	Cercetător/ specialist	2013- 2015
Programul PNCDI2/ Controlul funcțiilor celulelor dendritice cu semnale anti-inflamatoare și de moarte celulară- DCFANS 615/12.11.2014	Cercetător/ specialist	2014- 2016
Programul PNCDI2/Ingineria metabolică la Escherichia coli pentru obținerea 1,4-butandiolului din glucoză și glicerină și conversia catalitică a acestuia la compuși cu valoare adăugată-METABCHEM Nr. contract: 528/06.10.2014	Cercetător/ specialist	2014- 2016

Programul Operational Sectorial Axa 2.3.2..Dezvoltarea unui centru de CDI în domeniul biotehologic - CEBIO Nr. contract: 599/04.11.2013, valoare totală 5.797.000 https://eiris.eu/ERIF-2000-000R-1746	Cercetător/ specialist	2013- 2015
SPARKS, Rethinking innovation together. Grant Agreement number: 665825, Horizon2020,	Cercetător/ specialist	2017- 2019

III. RECUNOAȘTEREA

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LISTA PUBLICAȚIILOR

A. Teza de doctorat.

Strategii adaptative structurale ale organelor vegetative supratereștrii față de variațiile factorului fotic și hidric la câteva cormofite din depresiunea Ciucului. Conducătorul tezei: Prof. Dr. Péterfi Leontin István. Universitatea „Babeș-Bolyai” din Cluj-Napoca.

B. Cărți publicate

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

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37. **György, É.**, Laslo, É., Ivóvízből izolált *Bacillus* fajok antibiotikumokkal és klóraminnal szembeni rezisztenciája (Antibiotic and chloramine resistance of *Bacillus* species isolated from drinking water), *A Kárpát-medence ásványvizei - XVII. Nemzetközi Konferencia (Mineral waters in the Carpathian Basin 17th International Scientific Conference)*, Miercurea Ciuc, 31.08-01.09.2023., p.76-85, ISBN 978-606-8951-51-5.

F. Brevete de invenții și alte titluri de proprietate

Oancea, F., Siciua, O., Dinu, S., Zamfiropol, R., **György, É.**, Ábrahám, B., Lányi, Sz.: Procedeu de izolare a bacteriilor fixatoare de azot în simbioză din nodozitățile plantelor leguminoase, Brevet RO 125669 B1/ 30.04.2013.

G. Contracte de cercetare (menționați calitatea de director sau membru)

Nr. crt.	Titlul temei	Perioada	Finanțator	Calitatea în cadrul echipei
1	Studiul microbiotei autochtone și allochtone a unor izvoare minerale, cu metode microbiologice clasice și moleculare	2005-2006	Institutul Programelor de Cercetare al Fundației Sapientia	membru
2	Bioremedierea unor soluri poluate cu motorină I	2006-2007	Institutul Programelor de Cercetare al Fundației Sapientia	membru
3	Bioremedierea unor soluri poluate cu motorină II	2007-2008	Institutul Programelor de Cercetare al Fundației Sapientia	membru
4	Studiul sedimentelor apelor stătătoare periglaciare	2007-2008	Institutul Programelor de Cercetare al Fundației Sapientia	director
5	Inoculanți microbieni pentru sisteme de agricultură durabilă (MIMOSA) - PNCDI, Programul 4: Parteneriate în domeniile prioritare	2007-2010	Ministerul Educației, Cercetării și Inovării	membru
6	Cercetări interdisciplinare privind valorificarea energetică a subproduselor din industria laptelui	2007-2010	Ministerul Educației, Cercetării și Inovării	membru

	– PNCDI, Programul 4: Parteneriate în domeniile prioritare			
7	Tehnologii inovative de conservare și utilizare a bacteriilor lactice probiotice cu performanțe biotehnologice superioare pentru creșterea siguranței alimentare (INCTEC) – PNCDI, Programul 4: Parteneriate în domeniile prioritare	2007-2010	Ministerul Educației, Cercetării și Inovării	membru
8	Studiul faunei și florei recente al bălților temporare din Depresiunea Ciucului și crearea unei colecții de referință pentru studii de paleoecologie.	2008-2009	Institutul Programelor de Cercetare al Fundației Sapientia	director
9	Studiul microbiotei din straturile de apă formate în lacul Ursu din Sovata	2008-2009	Institutul Programelor de Cercetare al Fundației Sapientia	membru
10	„Devil’s Lake Bicycle Route” as a civic adaptative approach towards climatic changes, conservation of biodiversity climatic changes, conservation and in the Upper Ciuc Basin	2009-2010	Global Environment Facility/Small Grants Programme	membru
11	Biopreparate microbiene pentru creșterea productivității și protecția culturilor agricole, Programul operațional sectorial creșterea competitivității economice	2010-2012	Ministerul Educației, Cercetării și Inovării	membru
12	Evaluarea microbiotei legumelor proaspete și studiul supraviețuirii bacteriilor care determină boli alimentare	2011-2012	Academia Ungară de Științe	director
13.	Studiul microbiologic al lacului Sfânta Ana	2011-2014	Institutul Programelor de Cercetare al Fundației Sapientia	membru
14.	Efectul substanțelor antimicrobiene naturale asupra bacteriilor prezente pe legume proaspete cu rol în boli alimentare	2015-2016	Institutul Programelor de Cercetare al Fundației Sapientia	director
15.	Efectul filmelor comestibile cu conținut de uleiuri esențiale asupra microorganismelor prezente pe legume proaspete cu rol în boli alimentare și în alterare	2017-2018	Institutul Programelor de Cercetare al Fundației Sapientia	director
16	Natural suspensions based on bee products with magnetically controllable antibacterial and antifungal properties	2021-2022	IUCN Dubna	director
17.	Determinarea toleranței la condițiile de stres asociate cu producerea, prelucrarea și depozitarea cașcavalului în cazul bacteriilor patogene	2022-2023	Institutul Programelor de Cercetare al Fundației Sapientia	director

K. Participări la conferințe naționale și internaționale

1. Both, J., Mészáros, I., **György, É.**, Gombos, S., Mészáros, S., Szilágyi, J.: A Csíki-medence néhány borvízforrásának szennyezettségi vizsgálata (Studiul poluării la câteva izvoare de apă minerală din depresiunea Ciucului), *Mineral waters in the Carpathian Basin Scientific Conference*, Miercurea-Ciuc, 30-31 iul. 2004
2. **György, É.**: Fénykedvelő és árnyékkedvelő növények földfeletti vegetatív szerveinek adaptatív anatómiai sajátosságai (Caracteristicile anatomice adaptative ale organelor vegetative supratereane ale plantelor heliofile și sciafile), *Societatea Muzeului Ardelean – Conferința Științifică Anuală, Secțiunea de Științe ale Naturii*, Cluj-Napoca, 20. noi. 2004.
3. **György, É.**: A fény hatására kialakult adaptív anatómiai sajátosságok tanulmányozása néhány zárvatermő növényfaj földfeletti vegetatív szerveiben (Studiul proprietăților anatomice adaptative apărute la efectul luminii în organele supratereane la câteva angiosperme), *Conferința Științei Mediului*, Cluj-Napoca, 17-18 mart. 2005.
4. **György, É.**, Máthé, I., Balázs, E., Lőrinczi, L.: Csíkszereda és Szentegyháza környéki ásványvizek mikrobiológiai vizsgálata (Studiul microbiologic al apelor minerale din zona orașelor Miercurea-Ciuc și Vlăhița), *Sesiunea Științifică XV, Societatea Muzeului Ardelean – Secția de Științe Medicale și Farmaceutice*, Târgu-Mureș, 14-16 apr. 2005.
5. **György, É.**, Mészáros, I., Mészáros, S., Gombos, S., Szilágyi, J., Both, J.: Néhány Csíkszereda környéki borvíz higiéniai és vegyi jellemzése (Caracterizarea igienică și chimică ale unor ape minerale din împrejurimea orașului Miercurea-Ciuc). *Mineral waters in the Carpathian Basin. 2nd International Scientific Conference, Secțiunea de Științe ale Naturii*, Miercurea-Ciuc, 28-30 iul. 2005.
6. Máthé, I., **György, É.**, Balázs, E.: Néhány Hargita-megyei ásványvízforrás higiéniai vizsgálata (Analiza igienică a unor izvoare de ape minerale din Județul Harghita), *Mineral waters in the Carpathian Basin. 2nd International Scientific Conference*, Miercurea-Ciuc, 28-30 iul. 2005.
7. **György, É.**, Máthé, I., Búzás, A., Kémenes, L.: Ásványvizek és kútvezek mikrobiológiai vizsgálata Hargita megyében (Microbiological analysis of mineral waters and well waters in Hargita county), *Lippay János-Ormos Imre-Vas Károly Scientific Symposium*, Budapest, 19-20 oct. 2005.
8. **György, É.**: Földfeletti vegetatív szervek összehasonlító anatómiai vizsgálata (Studiul anatomic comparat ale organelor vegetative supratereane), *Societatea Muzeului Ardelean – Conferința Științifică Anuală, Secțiunea de Științe ale Naturii*, Cluj-Napoca, 19. noi. 2005.
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10. **György, É.**: A fény és nedvesség hatására kialakult adaptatív szerkezeti sajátosságok tanulmányozása néhány zárvatermő növényfaj földfeletti vegetatív szerveiben (Studiul caracteristicilor structurale apărute sub acțiunea luminii și a umidității în organele vegetative supratereane ale unor specii de angiosperme), *Societatea Muzeului Ardelean – Conferința Științifică Anuală, Secțiunea de Științe ale Naturii*, Cluj-Napoca, 25. noi. 2006.
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14. **György, É.**, Albert, E., Máthé, I., Maráz, A.: Gyümölcs- és zöldség-kivonatok joghurt fermentációra kifejlesztett hatása (Effect of fruit and vegetable extracts on yoghurt fermentation), *„Lippay János-Ormos Imre-Vas Károly” Scientific Conference*, Budapest, 7-8 noi. 2007.
15. András, Cs.D., **György, É.**, Bartha, Z., Salamon, Sz., Székely G.: Mikrohullámú vízgőzdesztillációval előállított édeskömény illóolaj (*Foeniculum vulgare* Mill.) vizsgálata (Study of fennel (*Foeniculum vulgare* Mill.) volatile oil obtained by microwave assisted hydrodistillation), *13th International Conference of Chemistry*, Cluj-Napoca, 8-10 noi. 2007.
16. **György, É.**, Harai, É.: Mikotoxinogén penészgombák előfordulása és szaporodási feltételei különféle gabonaféléken (Prezența și condițiile de înmulțire ale fungilor micotoxinogene pe diferite cereale), *Societatea Muzeului Ardelean – Conferința Științifică Anuală, Secțiunea de Științe ale Naturii*, Cluj-Napoca, 24. noi. 2007.

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18. Mara, Gy., Kerekes, Zs., Szakács, Gy., **György, É.**, Ábrahám, B., Mészáros, S., Lányi, Sz.: A molekuláris biológiai módszerek használatának lehetőségei a biokorróziót okozó gombafajok azonosításában (Posibilitățile de utilizare a metodelor de biologie moleculară în identificarea speciilor de fungi cu rol în biocorozie), *Societatea Muzeului Ardelean – Conferința Științifică Anuală, Secțiunea de Științe Tehnice*, Cluj-Napoca, 24. noi. 2007.
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21. András, Cs., Bartha, Z., Kapás, Á., Székely, G., **György, É.**, Salamon, Sz., Salamon, R., Csajági, Cs.: Édeskömény (*Foeniculum vulgare* Mill.) illóolaj kinyerése mikrohullámú vízgőzdesztillációval és szuperkritikus állapotú szén-dioxiddal (Obtaining of fennel (*Foeniculum vulgare* Mill.) volatile oil with microwave-assisted hydrodistillation and by extraction with carbon-dioxide in supercritical state), *Szuperkritikus Oldószerek Műveleti és Analitikai Alkalmazásai* (Conferința cu tema: Aplicarea analitică și instrumentală a diluanților supercritici) Budapest, 22 mai. 2008.
22. **György, É.**: Az *Escherichia coli* és a mikroszkopikus penészgombák viselkedése ásványvízben (Comportamentul bacteriei *Escherichia coli* și a micromicetelor în apă minerală). *Mineral Waters in the Carpathian Basin 5th International Scientific Conference*, Miercurea-Ciuc, 25-26 iul. 2008
23. **György, É.**, Laslo, É., Máthé, I., Mara, Gy., Tamás, É., Miklóssy, I., Ábrahám, B., Lányi, Sz.: Caracterizarea microbiotei fixatoare de azot a unui habitat montan responsabilă în asimilarea fosforului, *Simpozionul International CIEC*, Constanța, 25-26 sept. 2008.
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26. Mara, Gy., **György, É.**, Máthé, I., Ábrahám, B., Lányi, Sz.: Investigarea cantitativă și calitativă a fungilor cu rol în biocorozie, Zilele Facultății de Inginerie Chimică și Protecția Mediului, Iași, 19-21 noi. 2008.
27. Máthé, I., Márialigeti, K., **György, É.**, Mara, Gy., Ábrahám, B., Lányi, Sz.: Studierea impactului câmpurilor electromagnetice asupra microorganismelor, Zilele Facultății de Inginerie Chimică și Protecția Mediului, Iași, 19-21 noi. 2008.
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75. Héjja, M., Mihók, E., Alaya, A., Oláh, N.K., **György, É.**, Máthé, E.: Gemmoterápiás extraktumok analitikai és mikrobiológiai vizsgálata (Analytical and microbiological examination of gemmotherapy extracts), *XXIX. Nemzetközi Vegyészkonferencia (29th International Conference on Chemistry)*, Târgu Mureș, 25-28.10.2023.
76. Máthé, E., Turcuș, V., Héjja, M., **György, É.**, Chișe, E., Marinescu, F., Oláh, N.K., Efectele antimicrobiene ale extractelor gemoterapice, *a XII-a Conferință Națională de Gemoterapie ARGH cu largă participare internațională*, Sibiu, 4-6 octombrie 2024.
77. Héjja, M., **György, É.**, Lóga, F., Pacza, T., Nagy, R., Máthé, E.: Assessing the antimicrobial activity of gemmotherapy extracts, *The 4th International Electronic Conference on Antibiotics, session Novel Antimicrobial Agents: Discovery, Design, Synthesis and Action*, 21-23.05.2025.
78. Laslo, É., **György, É.**, Foodborne pathogens in cheese: Their origins, risks, and one health relevance, *2nd Debrecen Online Conference on Infectious Diseases in a One Health Context (DOCIDOH)*, 18-20.06.2025.
79. Héjja, M., **György, É.**, Pacza, T., Oláh, N.-K., Máthé, E.: Gemmoterápiás kivonatok antioxidáns- és antimikrobiális hatásának vizsgálata (Studiul efectelor antioxidante și antimicrobiene ale extractelor gemoterapeutice), *A Magyar Táplálkozástudományi Társaság XLVIII. Vándorgyűlése*, Siófok, 2-4 octombrie 2025.

III. RECUNOAȘTEREA

I. Premii, distincții.

Premiul Special al:

Fundației pentru prevenirea bolilor infecțioase și canceroase (Szeged-Budapest)

pentru lucrarea:

György, É., Máthé, I., Balázs, E., Lőrinci, L.: Csíkszereda és Szentegyháza környéki ásványvizek

mikrobiológiai vizsgálata (Studiul microbiologic al apelor minerale din zona orașelor Miercurea-Ciuc și Vlăhița) prezentată în al XV-lea Sesiune Științifică a Societății Muzeului Ardelean, secțiunea de Științe Medicale și Farmaceutice, Târgu-Mureș, 14-16 apr. 2005.

Premiul Special 2008 al:

Hungarian Chemical Society (member of European Association of Chemical of Molecular Sciences)

pentru lucrarea:

Harai, É., András, Cs.D., **György, É.**, Tolokán, A., Hantz, A.: Aflatoxins determination from paprika powders by HPLC using electrochemical postcolumn derivatization method. *14th International Conference of Chemistry*, Cluj-Napoca, 13-15. noi. 2008, p. 62-67.

Premierea Rezultatelor Cercetării – Articole 2012: *Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării* pentru lucrarea: Laslo É., **György É.**, Mara Gy., Tamás É., Ábrahám B., Lányi Sz.: Screening of plant growth promoting rhizobacteria as potential microbial inoculants, *Crop Protection*, 40, 2012, p. 43-48, ISSN 0261-2194, doi:10.1016/j.cropro.2012.05. 002.

Premierea Rezultatelor Cercetării – Articole 2021, UEFISCDI: György É., Laslo É., Antal M., András, Cs. D.: Antibiotic resistance pattern of the allochthonous bacteria isolated from commercially available spices, *Food Science & Nutrition*, 9, 2021, p. 4551–4561. DOI: 10.1002/fsn3.2433, IF = 2,863.

Premierea Rezultatelor Cercetării – Articole 2023, UEFISCDI: Laslo, É., Salamon, B., Antimicrobial impacts of selected Lamiaceae plants on bacteria isolated from vegetables and their application in edible films, *Food Bioscience*, 51, 2023, 102280, <https://doi.org/10.1016/j.fbio.2022.102280>, IF: 5,318.

J. Citări

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LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

NUMELE ȘI PRENUMELE: Laslo Éva

A. Teza de doctorat.

Obținerea de biopreparate microbiene de mobilizare a substanțelor nutritive, Prof. Dr. Lányi Szabolcs, Universitatea Politehnica din București, Facultatea de Chimie Aplicată și Știința Materialelor, Departamentul de Chimie Analitică și Ingineria Mediului, 2012, p. 1-149.

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS.

1. **Laslo, É.**, Obținerea de biopreparate microbiene de mobilizare a substanțelor nutritive, Editura Status, Miercurea-Ciuc, 2021, pp. 200, ISBN-978-606-661-106-0.

2. **Laslo, É.**, A táplálkozástudomány alapjai (Principiile nutriției umane), Editura Status, Miercurea-Ciuc, 2021, pp. 175, ISBN-978-606-661-107-7.

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

B5. Capitole de cărți publicate în străinătate

1. **É. György, É. Laslo**, Fermentation - Processes, Benefits and Risks (Laranjo M. ed), IntechOpen, 2021, Capitolul: *Microbial Diversity of Traditionally Processed Cheese from Northeastern Region of Transylvania (Romania)*, pp.1-23, Online ISBN 978-1-83968-817-1, DOI: 10.5772/intechopen.97591.
2. **Laslo É.**, Mara Gy., Microbial Interventions in Agriculture and Environment (Singh D., Gupta V., Prabha R. eds), Vol I., Springer, Singapore, 2019, pp. 545, Capitolul: *Is PGPR an Alternative for NPK Fertilizers in Sustainable Agriculture?* pp. 51-62, ISBN 978-981-13-8391-5, DOI 10.1007/978-981-13-8391-5_3.
3. **Abod É., Laslo É.**, Szentes S., Lányi S., Mara G., Plant Growth Promoting Rhizobacteria for Agricultural Sustainability (Kumar A., Meena V. eds), Springer, Singapore, 2019, pp.314, Capitolul: *Plant Growth-Promoting Bacteria: Strategies to Improve Wheat Growth and Development Under Sustainable Agriculture*, pp. 1-17, Online ISBN 978-981-13-7553-8, doi.org/10.1007/978-981-13-7553-8_1.
4. **Laslo É.**, György É., Ábrahám B., Mara G., Plant-Microbe Interactions in Agro-Ecological Perspectives (Singh D., Singh H., Prabha R. eds), Springer, Singapore, 2017, pp.633, Capitolul: *Bacterial Strains with Nutrient Mobilisation Ability from Ciuc Mountains (Transylvania Region, Romania)*. pp. 531-548, Online ISBN 978-981-10-5813-4, doi.org/10.1007/978-981-10-5813-4_27.

B6. Capitole de cărți publicate în țară

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. György, É.; **Laslo, É.** Microbiological Quality Assessment of Some Commercially Available Breads. *Foods* 2024, 13, 3271.
2. Gyenge L., K. Erdő, Cs. Albert, **É. Laslo**, R-V. Salamon Effect of soaking in salted blackcurrant wine on the properties of cheese. *Heliyon*. 10 (2024) e34060 (IF=3.4)
3. Vincze É-B., Becze A., **Laslo É.**, Mara G. Beneficial Soil Microbiomes and Their Potential Role in Plant Growth and Soil Fertility. *Agriculture*. 2024; 14(1):152. <https://doi.org/10.3390/agriculture14010152> (IF=3.6)
4. György, É.; Unguran, K.A.; **Laslo, É.** Biocide Tolerance and Impact of Sanitizer Concentrations on the Antibiotic Resistance of Bacteria Originating from Cheese. *Foods* 2023, 12, 3937. <https://doi.org/10.3390/foods12213937>(IF=5.2)
5. É. György, **É. Laslo**, B. Salamon, Antimicrobial impacts of selected Lamiaceae plants on bacteria isolated from vegetables and their application in edible films, *Food Bioscience*, 51, 2023, 102280, ISSN 2212-4292, <https://doi.org/10.1016/j.fbio.2022.102280> (IF = 5.318).
6. É. György, **É. Laslo**, M. Antal, C. D., András, Antibiotic resistance pattern of the allochthonous bacteria isolated from commercially available spices, *Food Sci Nutr*. 9, 2021, 4551–4561. DOI: 10.1002/fsn3.2433, (IF = 3.553).
7. É. György, **É. Laslo**, IH. Kuzman, C. D., András, The effect of essential oils and their combinations on bacteria from the surface of fresh vegetables, *Food Sci Nutr*. 8, 2020, 5601–5611. DOI: 10.1002/fsn3.1864, (IF = 1,797).
8. **Laslo, É.**, Máthé, L., Salamon, R.V., Tokos, K., Lányi, Sz., Ábrahám, B, Effects of Lactic Acid Bacteria Inoculation on Mountain Grass and Alfalfa Silage Fermentation Characteristics, *Environmental Engineering and Management Journal*, 18, 2019, 3, 641-650, (IF₂₀₁₉ = 1,186).
9. **Laslo, É.**, Mara, Gy., Funkenhauzer, B., Dobri, E., Salamon, R.V., Lányi, Sz., Ábrahám, B., Isolation and screening of lactic acid bacteria from naturally fermented sources with high biotechnological potential, *Studia UBB Chemia*, 60, 2015, 4, p. 95-106, (IF₂₀₁₅=0,148).
10. Szentes, S., **Laslo, É.**, Lányi,Sz., Radu, G-R., Mara, Gy., Indole-3-Acetic Acid Producing Bacteria and Their Effect on the Growth of Pisum Sativum, *Studia Universitatis Babes-Bolyai Seria Chemia*, 59, 2014, 2, p. 63-69, (IF₂₀₁₄=0,136).
11. Fazakas, A., Bodor, Zs., Kovács, E., **Laslo,É.**, Lányi, Sz., Ábrahám, B., Isolation of Succinic Acid Producing Escherichia coli from Animal Faeces, *Studia Universitatis Babes-Bolyai Seria Chemia*, 59, 2014,1, p. 177-185, (IF₂₀₁₄=0,136).
12. Szentes, S., Mara, Gy., **Laslo, É.**, Lányi, Sz., Radu, G.-L., Selection and Evaluation of Potential Biocontrol Rhizobacteria from a Raised Bog Environment, *Crop Protection* 52, 2013, p. 116-124. doi.org/10.1016/j.cropro.2013.05.021, (IF₂₀₁₃ = 1,539).
13. **Laslo, É.**, György, É., Mara, Gy., Tamás, É., Ábrahám, B., Lányi, Sz., Screening of plant growth promoting rhizobacteria as potential microbial inoculants, *Crop Protection* 40, 2012, p.43-48. doi.org/10.1016/j.cropro.2012.05.002 (IF₂₀₁₂ = 1,303).
14. **Laslo, É.**, György, É., Mara, Gy., Szentes, S., Salamon R., V., András, Cs., D., Lányi, Sz., The management of N and P nutrition of plants using nitrogen fixing and

- phosphorus solubilizing bacteria, *Environmental Engineering and Management Journal*, 10, 2012, 2, p.371-375, (IF₂₀₁₂ = 1,117).
15. Tamás, É., Mara, Gy., Máthé, I., **Laslo, É.**, György, É., Lányi, Sz., Isolation, characterization and identification of nitrogen and phosphorus mobilizing bacteria, *Environmental Engineering and Management Journal*, 11, 2012, 3, p.675-680, (IF₂₀₁₂ = 1,117).
 16. György, É., **Laslo, É.**, András, Cs., D., Buzás, A., Screening of allochthonous microorganisms in drinking water and studies on the faecal-originated *Escherichia coli* isolate survival after chemical disinfection, *Acta Alimentaria*, 40, 2011, 1, p. 165–171. DOI: 10.1556/AAlim.40.2011.1.18, (IF₂₀₁₁ = 0,444).
 17. György, É., Mara, Gy., Máthé, I., **Laslo, É.**, Márialigeti, K., Albert, B., Oancea, F., Lányi, Sz., Characterization and diversity of the nitrogen fixing microbiota from a specific grassland habitat in the Ciuc Mountains, Roumanian Biotechnological Letters, 15, 2010, 4, p. 5474-5481, ISSN 1224-5984 (IF₂₀₁₀ = 0,152).
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D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

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K. Participări la conferințe naționale și internaționale

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38. András, Cs.D., György, É., **Laslo, É.**, Unguran, K.A.: Sajtokban előforduló baktériumok antibiotikum rezisztenciája és tartósítószerrel szembeni toleranciája (Antibiotic resistance and food preservative tolerance of bacteria strains originated from cheese), XXIX. *Nemzetközi Vegyészkonferencia* (29th International Conference on Chemistry), Târgu Mureș, 25-28.10.2023.
39. **LASLO Éva**, CSATÓ-KOVÁCS Erika, SÁNDOR Szilárd, LEN Henrietta *A tej táplálkozásbiológiai jelentősége a fizikai-kémiai tulajdonságai függvényében (The nutritional importance of milk according to its physico-chemical properties)* XXX. *Nemzetközi Vegyészkonferencia* (30th International Conference on Chemistry), Cluj-Napoca, 23–26 octombrie, 2024.
40. GYENGE László, SZABÓ Renáta, VERES Erika, ALBERT Csilla, **LASLO Éva**, SALAMON Rozália-Veronika, Feketeribizli borban áztatott és érlelt kemény sajtok tulajdonságainak vizsgálata (The effects of soaking in blackcurrant wine on the properties of cheese) XXX. *Nemzetközi Vegyészkonferencia* (30th International Conference on Chemistry), Cluj-Napoca, 23–26 octombrie, 2024.

III. RECUNOAȘTEREA

I. Premii, distincții.

1. Bursa pentru profesori tineri 2017/2018 acordat de Ministerul Resurselor Umane al Ungariei și Institutul Balassi.
2. Premiarea Rezultatelor Cercetării – Articole 2012: Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării pentru lucrarea: Laslo É., György É., Mara Gy., Tamás É., Ábrahám B., Lányi Sz.: Screening of plant growth promoting rhizobacteria as potential microbial inoculants, *Crop Protection*, 40, 2012, p. 43-48, ISSN 0261-2194, doi:10.1016/j.cropro.2012.05.002.
3. Premiarea Rezultatelor Cercetării – Articole 2021
4. Bursa pentru profesori tineri 2021/2022 acordat de Ministerul Resurselor Umane al Ungariei și Tempus Public Foundation.

J. Citări

Citări Google Scholar

Citări: 402

h-index=11

I. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

A Székelyföldön előállított tej és tejtermékek előállítási körülményeinek hatása a zsírsav-összetételre, különös tekintettel a konjugált linolsavra (The effect of production parameters on fatty acid composition, mainly on the conjugated linoleic acid content of milk and dairy products, manufactured in Sekler's county.), Dr. János CSAPO, University of Kaposvár, Faculty of Animal Science, Institute of Chemistry, Department of Biochemistry and Food Chemistry.

B. Cărți publicate

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS

1. Csapó, J., **Salamon, R.V.**: *Tejipari technológia és minőségellenőrzés (Tehnologia și controlul calității produselor lactate)*, Editura Scientia Kiadó, Cluj, 2006, ISBN 973-7953-68-1, 160. p.
2. Biró, G., **Salamon, R.V.**: *Élelmiszer-biztonság (Siguranța alimentară)*, Editura Scientia Kiadó, Cluj, 2009, ISBN 978-973-1970-15-8, 202 p.
3. **Salamon R.V.**, Szép Al.: *Élelmiszeripari technológia számítások I. Anyag és energiamérlegek (Calculule tehnologice din industria alimentară I. Bilanțuri de masă și energie)*, Editura Cermi, Iași, 2013, ISBN 978-973-667-390-0, 210 p.
4. **Salamon R.V.**: *Tej és tejtermékek előállítási körülményeinek hatása a zsírsav-összetételre és konjugáltlinolsavra (Influența condițiilor de obținere a laptelui și produselor lactate asupra conținutului de acizi grași și a acidului linoleic conjugat)*, Editura Cermi, Iași, 2014, ISBN 978-973-667-391-7, 85 p.
5. **Salamon R.V.**, Szilágyi J., Szép Al.: *Élelmiszeripari technológia számítások II. Mechanikai műveletek (Calculule tehnologice din industria alimentară II.)*, Editura Cermi, Iași, 2015, ISBN 978-973-667-445-7, 200 p.
6. **Salamon R.V.**, **András Cs. D.**, Szép, Al.: *Élelmiszeripari technológiai számítások III. Hőközvetítéssel megvalósított komponensszétválasztási műveletek*, Editura Cermi, Iași, 2015, ISBN 978-973-667-447-1, 190 p.
7. Szép S. Molnos É. Gyenge L., **Salamon R.V.**, *Általános élelmiszeripari technológia*, Cermi, Iași, 2024, pag. 294, ISBN 978-973-667-469-3

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. Laslo, É., György, É., Mara, Gy., Szentes, S., **Salamon, R.V.**, András, Cs.D., Lányi, Sz.: The management of N and P nutrition of plants using nitrogen fixing and phosphorus solubilizing bacteria. *Environmental Engineering and Management Journal*, 11, 2, 2012, ISSN: 1582-9596, p. 371-375.
2. Benedek, T., Máthé, I., **Salamon, R.**, Rákos, Sz., Pásztohy, Z., Márialigeti, K., Lányi, Sz.: Potential bacterial Soil inoculant made up by *Rhodococcus sp.* and *Pseudomonas sp.* for remediation in situ of hydrocarbon- and heavy metal polluted soils. *Studia Universitatis Babes-Bolyai, Seria Chimia*. 3, 2012, ISSN (print): 1224-7154. ISSN (online): 2065-9520. p. 199-213.
3. **Salamon, R.V.**, Vargáné Visi, É., András, Cs.D., Csapó Kiss, Zs. Csapó, J.: Synthetic methods to obtain conjugated linoleic acids (CLAs) by catalysis, *Acta Alimentaria*, 44, 2, 2015, ISSN (online): 1588-2535, p. 229-234
4. Benedek, K., Bálint, J., **Salamon, R.V.**, Kovács, E., Ábrahám, B., Fazakas, Cs., Loxdale, Cs., Balog, A.: Chemotype of tansy (*Tanacetum vulgare* L.) determines aphid genotype and its associated predator system, *Biological Journal of Linnean Society*, (online), 114, 2015, ISSN (online): 1095-8312, p. 709-719

5. **András, C.D.**, Salamon, R.V., Barabás, I., Volf, I., Szép, A. (2015). Influence of extraction methods on caraway (*Carum carvi* L.) essential oil yield and carvone/limonene ratio. *Environmental Engineering & Management Journal*, 14 (2), 2015, p. 341-347. (IF 1,008)
6. Laslo, É., Mara, Gy. Funkenhauser, B., Dobri, E., **Salamon, R.V.**, Lányi, Sz., Abraham, B.: Isolation and screening of lactic acid bacteria from naturally fermented sources with high biotechnological potential. *Studia Universitatis Babes-Bolyai, Seria Chimia*, 60, 4, 2015, p. 95-106.
7. Bálint, J., Zytynska, S.E., **Salamon, R.V.**, Mehrparvar, M., Weisser, W.W., Schmitz, O.J., Benedek, K., Balog, A*.: Intraspecific differences in plant chemotype determines the structure of arthropod food webs. *Oecologia* 180,(3), 2016, p. 797-807.
8. Vincze, E. B., **Salamon, R.V.**, Kovacs, E., Mara, Gy.: Effect of metal tolerant plant growth promoting rhizobacteria on bean growth, cadmium and zinc uptake and stress responses, *Environmental Engineering and Management Journal*, 17, 4, 2018, ISSN: 1582-9596, p. 803-813.
9. András, C.D., Mátyás, L., Ráduly, B., **Salamon, R.V.** Increasing the prediction efficiency of Hansen solubility parameters in supercritical fluids. *Periodica Polytechnica Chemical Engineering*, 63 (2), 2019, p. 286-293.
10. Laslo, É., Mathe, L., Lányi, Sz., Ábrahám, B., **Salamon R.V.**, Tókos, K.: Effects of lactic acid bacteria inoculation on mountain grass and alfalfa silage fermentation characteristics., *Environmental Engineering and Management Journal*, 18, 3, 2019, ISSN: 1582-9596, p. 641-652.
11. **Salamon, R.V.**; Dabija, A.; Ferencz, Á.; Tankó, G.; Ciocan, M.E.; Codină, G.G.: The effect of dry hopping efficiency on β -myrcene dissolution into beer. *Plants* 11, 8, 2022, 1043. <https://doi.org/10.3390/plants11081043>
12. Ciocan, M.E.; **Salamon, R.V.**; Ambrus, Á.; Codină, G.G.; Chetrariu, A.; Dabija, A.: Use of Unmalted and Malted Buckwheat in Brewing. *Appl. Sci.* 2023, 13, 2199. <https://doi.org/10.3390/app13042199>
13. Ciocan, M.E.; **Salamon, R.V.**; Ambrus, Á.; Codină, G.G.; Chetrariu, A.; Dabija, A.: Brewing with Unmalted and Malted Sorghum: Influence on Beer Quality. *Fermentation* 2023, 9, 490. <https://doi.org/10.3390/fermentation9050490>
14. Ciocan, M.E.; **Salamon, R.V.**; Ambrus, Á.; Codină, G.G.; Chetrariu, A.; Dabija, A.: Brewing with buckwheat and sorghum: impact on beer quality, Scientific Study & Research Chemistry & Chemical Engineering, Biotechnology, Food Industry, 2023, 24, 3, p. 219– 232.
15. Vincze, É.-B.; Becze, A.; **Salamon, R.V.**; Lányi, S.; Mara, G. Role of the *Pseudomonas koreensis* BB2.A.1 and *Serratia liquefaciens* BB2.1.1 Bacterial Strains in Maize Trace Metal Stress Management. *Microorganisms* 2024, 12, 1823. <https://doi.org/10.3390/microorganisms12091823> IF: 4,1
16. Gyenge, L., Erdő, K., Albert, Cs., Laslo, É., **Salamon, R.V.**, The effects of soaking in salted blackcurrant wine on the properties of cheese, *Heliyon*, 2024, 10, 14, e34060. IF: 3,4

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

1. Csapó, J., Csapóné Kiss, Zs., Vargáné Visi, É., Albert, Cs., **Salamon, R.V.**: Különböző technológiával készült sajtok összes szabad és szabad D-aminosav tartalma (Total free and free D-aminoacid content of cheeses produced by different technologies). *Acta Agraria Kaposváriensis*, 9, 2, 2005, ISSN: 14181789, p. 61-71. (CABI Database)
2. **Salamon, R.V.**, Csapó, J., Vargáné Visi, É., Csapó-Kiss, Zs., Altörjai, A., Győri, Z., Sára, P., Lóki, K., Albert, Cs.: A tej zsírsavösszetételének és konjugált linolsav-tartalmának változása az évszakok szerint (The influence of the season on the fatty acid composition and conjugated linoleic acid content of the milk). *Acta Agraria Kaposváriensis*, 9, 3, 2005, ISSN: 14181789, p. 1-15. (CABI Database)
3. **Salamon, R.V.**, Szakály, S., Szakály, Z., Csapó, J.: Konjugált linolsav (CLA) – tejtermékek – humán-egészség. 1. Alapismeretek és CLA a tejben (Conjugated linoleic acid (CLA)- Dairy products – Human Health. 1. Basic Knowledge and CLA milk). *Journal of the Academic Hungarian Dairying (Tejgazdaság)*, 65, 2005, ISSN: 1219-3224, p. 4-13. (DSA, CABI Database)
4. **Salamon, R.V.**, Szakály, S., Szakály, Z., Csapó, J.: Konjugált linolsav (CLA)-tejtermékek- humánegészség. 2. CLA tejtermékekben és egyes élelmiszerekben. (Conjugated linoleic acid (CLA)- Dairy products – Human Health. 2. CLA in dairy products and different foods). *Journal of the Academic Hungarian Dairying (Tejgazdaság)*, 65, 2005, ISSN: 1219-3224, p. 14-21, (DSA, CABI Database)
5. **Salamon, R.V.**, Szakály, S., Szakály, Z., Csapó, J.: Konjugált linolsav (CLA)-tejtermékek- humánegészség..3. A CLA és hatásai az emberi szervezetben (Conjugated linoleic acid (CLA)- Dairy products – Human Health. 3

CLA and its effects in human body). *Journal of the Academic Hungarian Dairying (Tejgazdaság)*, 65, 2005, ISSN: 1219-3224, 22-31. p. (DSA, CABI Database)

6. **Salamon, R.V.**, Varga-Visi, É., Sára, P., Csapóné Kiss, Zs., Csapó, J.: The influence of the season on the fatty acid composition and conjugated linoleic acid content of the milk, *Krmiva*, 48, 4, 2006, ISSN:0023-4850, p.193-200. (CABI Database, Referativny Zhurnal, Agricola)
7. **Salamon, R.V.**, Lóki, K., Salamon, Sz., Sára, P., Albert, B., Mándoki, Zs., Csapóné Kiss, Zs., Győri, A., Győri, Z., Csapó J.: Changes in the fatty acid composition of different milk products caused by different technology, *Agriculture*, 13, 1, 2007, ISSN: 1330-7142, p.189-191. (CABI Database, Referativny Zhurnal, Agricola)
8. **Salamon, R.V.**, Lóki, K., Salamon, Sz., Albert, B., Sára, P., Győri, A., Győri, Z., Csapóné Kiss, Zs., Csapó, J.: Changes in fatty acid composition of foodstuffs during conventional and microwave heat treatment, *Krmiva*, 49, 1, 2007, ISSN:0023-4850, p. 23-28. (CABI Database, Referativny Zhurnal, Agricola)
9. **Salamon, R.V.**, Lóki, K., Salamon, Sz., Albert, B., Sára, P., Borosné Győri, A., Győri, Z., Csapóné Kiss, Zs., Csapó, J.: Tej és tejtermékek zsírsav-összetételének változása színtenyészetek hatására, valamint a mikrohullámú kezelés során (Changes in fatty acid composition and conjugated linoleic acid contents of milk and dairy products caused by pure cultures as well as during microwave heat treatment), *Acta Agraria Kaposváriensis*, 11, 3, 2007, ISSN: 14181789, p.24-35. (CABI Database)
10. **Salamon, R.V.**, Salamon, Sz., Csapóné Kiss, Zs., Borosné Gy. A., Győri, Z., Csapó, J.: Savanyú tejtermékek zsírsav-összetételének változása mikroorganizmus tenyészetek és napraforgóolaj hozzáadásakor (Changing the fatty acid composition of fermented dairy products by addition of selected cultures and sunflower oil), *Journal of the Academic Hungarian Dairying (Tejgazdaság)*, 68. 1-2, 2008, p. 63-70. (DSA) ISSN: 1219-3224
11. **Salamon, R.V.**, Lóki, K., Csapóné Kiss, Zs., Borosné Győri, A., Győri, Z., Csapó, J.: Changes in fatty acid composition of milk and dairy products caused by pure cultures as well as increasing of conjugated linoleic acid contents by adding sunflower oil, *Krmiva*, 51, 2, 2009, ISSN:0023-4850, p.99-103 (CABI Database, Referativny Zhurnal, Agricola)
12. András, Cs.D., Kapás, Á., Bartha, Z., **Salamon, R.**, Csajági, Cs., Székely, G., Salamon, Sz., György, É.: Édeskömény (*Foeniculum vulgare* Mill.) illóolaj kinyerése mikrohullámú vízgőzdesztillációval és szuperkritikus állapotú szén-dioxiddal (Obtaining of fennel (*Foeniculum vulgare* Mill.) volatile oil with microwave-assisted hydrodistillation and by extraction with carbon-dioxide in supercritical state). *Olaj szappan kozmetika-különszám*, 58, 2009, ISSN 0472 8602, p. 66-72. (Chemical Abstract)
13. **Salamon, R.V.**, Varga-Visi, É., Csapó-Kiss, Zs., Győri, A., Győri, Z., Csapó, J.: The influence of the season on the fatty acid composition and conjugated linoleic acid content of the milk. *Acta Universitatis Sapientiae, Alimentaria*, 2. 1, 2009, ISSN 1844-7449, p. 89-100. (CABI Database, Global Health)
14. **Salamon, R.V.**, Mándoki, Zs., Csapó-Kiss, Zs., Győri, A., Győri, Z., Csapó, J.: Changes in fatty acid composition of different milk products caused by different technology. *Acta Universitatis Sapientiae, Alimentaria*, 2. 1, 2009, ISSN 1844-7449, p. 101-109. (CABI Database, Global Health)
15. **Salamon, R.V.**, Salamon, Sz., Csapó-Kiss, Zs., Csapó, J.: Composition of mare's colostrum and milk. I. Fat content, fatty acid composition and vitamin contents. *Acta Universitatis Sapientiae, Alimentaria*, 2. 1, 2009, ISSN 1844-7449, p. 119-131. (CABI Database, Global Health)
16. **Salamon, R.V.**, Lóki, K., Csapó-Kiss, Zs., Csapó, J.: Changes in the fatty acid composition and conjugated linoleic acid content of sour dairy products caused by pure cultures. *Acta Universitatis Sapientiae, Alimentaria*. 2. 2, 2009, ISSN 1844-7449, p. 276-286. (CABI Database, Global Health)
17. **Salamon, R.V.**, Lóki, K., Varga-Visi, É., Mándoki, Zs., Csapó, J.: Increase of conjugated linoleic acid content of dairy products by adding sunflower oils. *Acta Universitatis Sapientiae, Alimentaria*. 2. 2, 2009, ISSN 1844-7449, p. 278-293. (CABI Database, Global Health)
18. Zaharia, N., **Salamon, R.**, Pascal, C., Salamon, Sz., Zaharia, R.: Changes in fatty acid composition and cholesterol content of goat colostrum, *Biotechnology in animal husbandry*. Vol 27. (3)2, 2011, ISSN 1450-9156, p. 1201-1208. (CABI Database).
19. Tamás, M., Mándoki, Zs., Márton, M., Mészáros, S., Lányi, Sz., **Salamon, R.**, Salamon, Sz., Albert, Cs., Csapó, J.: Különböző őszi búza (*Triticum aestivum* L.) hajtás és búzaszem összesszélén- és szervesszélén-tartalma. *Acta Agraria Kaposváriensis*, 15,1,2011, p. 67-84. (CABI Database)
20. Varga-Visi, É., Süli, Á., Csapó-Kiss, Zs., Béri, B., **Salamon, R.V.**, Lóki K., Csapó, J.: Colostrum of current and rare cattle breeds: fatty acid pattern. *Acta Universitatis Sapientiae, Alimentaria*. 2011, ISSN 1844-7449, p. 5-17. (CABI Database, Global Health)

21. Béri, B., Varga-Visi, É., Lóki K., Csapó-Kiss, Zs., Süli, Á., **Salamon, R.V.**, Csapó, J.: Analysis of the fatty acid pattern of milk from current and rare cattle breeds. *Acta Universitatis Sapientiae, Alimentaria*, 2011, ISSN 1844-7449, p. 28-43. (CABI Database, Global Health)
22. **Salamon, R.V.**, Lóki, K., Csapó-Kiss, Zs., Salamon, Sz., Csapó, J.: Fatty acid profile of sour dairy products produced by different starter cultures. *Acta Agriculturae Slovenica*. 3. 2012. ISSN 1854-4800, p. 323-326. (CAB Abstracts, COBISS, AGRIS, FSTA, Scopus)
23. Varga-Visi, É., Lóki K., **Salamon, R.V.**, Csapó, J.: Gas chromatographic analysis of conjugated linoleic acids. *Acta Universitatis Sapientiae, Alimentaria*, 2012, ISSN 1844-7449, p. 52-62. (CABI Database, Global Health)
24. Csapó, J., **Salamon R.V.**: Fatty acid composition and cholesterol content of the fat of pigs of various genotypes, *Acta Universitatis Sapientiae, Alimentaria*, 6, 2013, ISSN 1844-7449, p. 23-33 (CABI Database, Global Health)
25. Csapó, J., **Salamon, R.V.**, Salamon, Sz., Toró, Sz., Csapóné Kiss, Zs. Structural and quantitative analysis of exopolysaccharides and oligosaccharides produced by lactobacillus. I. Basic information, isolation, quantitative determination, molecular mass and monosaccharide composition, *Acta Universitatis Sapientiae, Alimentaria*, 7, 2014, ISSN 1844-7449, p. 5-29 (CABI Database, Global Health)
26. Csapó, J., **Salamon, R.V.**, Salamon, Sz., Toró, Sz., Csapóné Kiss, Zs. Structural and quantitative analysis of exopolysaccharides and oligosaccharides produced by lactobacillus. II. The connection status-, configuration-, phosphorous content-, modification-, structure of monosaccharides, exopolysaccharides in yogurt, galactooligosaccharides, *Acta Universitatis Sapientiae, Alimentaria*, 7, 2014, ISSN 1844-7449, p. 21-44 (CABI Database, Global Health)
27. Csapó, J., Holló, G., Holló, I., **Salamon, R.V.**, Salamon, Sz., Toró, Sz., Csapóné Kiss, Zs: Production of selenium-enriched milk and dairy products, *Acta Universitatis Sapientiae, Alimentaria*, 8, 2015, ISSN 1844-7449, p. 5-29 (CABI Database, Global Health)
28. Albert, Cs., Gombos, S., **Salamon, R.V.**, Csiki, Z., Prokisch, J., Csapó, J.: Production of highly nutritious functional food with the supplementation of wheat flour with lysine, *Acta Universitatis Sapientiae, Alimentaria*, 10, 2017, ISSN 1844-7449, p. 5-20 (CABI Database, Global Health)
29. Kelemen, M., Albert, Cs, András, Cs.D., **Salamon, R.V.**: Preliminary study of lavender-flavoured beer production methods, *Acta Univ. Sapientiae, Alimentaria*, 17 (2024) 120-135, DOI: 10.47745/ausal-2024-0007

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior)

1. Borosné Győri, A., **Salamon, R.**, Gundel, J., Győri, Z., Salamon, Sz., Csapó, J.: A konjugált linolsav antioxidáns hatásának vizsgálata egy modell kísérletben (Examination of the Antioxidant Effect of Conjugated Linoleic Acid During a Model Experiment), *Agrártudományi Közlemények*, 26, 2007, p.15-18.
2. Csapó, J., Albert, Cs., Salamon, Sz., Darvas, L., Kovács, J., **Salamon, R.V.**, Albert, B., Csapó-Kiss, Zs.: Az aminosavak racemizációján alapuló korbecslés alkalmazása egy magyarországi és egy erdélyi mamutcsont és - agyar korának meghatározására (Use of amino acid racemization for age determination of two mammoth's tusk and bone from Hungarian and Transylvanian regions). *Somogyi Múzeumok Közleményei*, 18, 2008, ISSN: 2060-1980, p.139-146.
3. Salamon, Sz., **Salamon, R.V.**, Csapó, J.: A Csíkszereda és környékén élő anyák tejösszetételének változása a laktáció során (The variation of breast milk composition during the lactation stage for mothers from the Csík region), *Agrártudományi Közlemények*, 41, 2010, p. 93-98.
4. Márton, M.-R., Szép, S., Mándoki, Zs., Tamás, M., **Salamon, R.V.**, Salamon, Sz., András, Cs., Csapó, J.: Táplálkozási csírák zsírsavösszetételének változása a csíráztatás során (Changes of the fatty acid composition of sprouts during germination), *Agrártudományi Közlemények*, 41, 2010, p. 89-93.

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale)

1. **Salamon, R.V.**, Győri, A., Győri, Z., Lóki, K., Sára, P., Salamon, Sz., Csapóné Kiss, Zs., Csapó, J.: A konjugált linolsav antioxidáns hatásának vizsgálata egy model kísérletben (Analiza efectului antioxidant al acidului linoleic conjugat printr-un experiment model), *Műszaki Szemle*. Kémia szám, 39-40, 2007, ISSN: 1454-0746, p.52-55.
2. Márton, M.R., Tamás, M., **Salamon, R.V.**, Salamon, Sz., András, Cs., Csapó, J.: Táplálkozási csírák biológiai értékének vizsgálata, (Nutritional Evaluation of Sprouts), *Műszaki Szemle*, 48, 2009, ISBN:1454-0746, p. 7-14.
3. **Salamon, R.V.**, Salamon, Sz., Tóth, L., Csapó, J.: Különböző sajtok konjugált linolsav-tartalmának változása a tárolás során, (The Variation of Conjugated Linoleic Acid Composition of Different Cheeses During the Storage), *Műszaki Szemle*, 48, 2009, ISBN:1454-0746, p. 26-30.
4. Salamon, Sz., **Salamon, R.V.**, Tankó Kencse, M., Csapó, J.: A konjugált linolsav-tartalom változása Csíkszeredán és környékén élő anyák tejében, (Studies on Conjugated Linoleic Acid Content of Breast Milk in Ciuc Area), *Műszaki Szemle*, 48, 2009, ISBN:1454-0746, p. 30-34.
5. András, Cs.D., **Salamon, R.V.**, Barabás, I., Szép, Al.: Az előkezelési mód hatása a vadkömény illóolaj kinyerésére és minőségére (The Effect of Pretreating Methods on Quantity and Quality of the Wild Caraway Essential Oil), *Műszaki Szemle*, 63, 2014, ISBN:1454-0746, p. 3-10

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

1. Albert, Cs., **Salamon, R.**, Csapó, J.: Fosszilis anyagok korának meghatározása az aminosavak átalakulása és racemizációja alapján (Determination of fossil materials age based on the transformation and racemization of amino acids), *Csiki Székely Múzeum Periodikája*, 2006, ISSN. 1841-0197, p.415-438.
2. Albert, Cs., Salamon, Sz., Darvas, L., Kovács, J., **Salamon, R.**, Albert, B., Csapóné Kiss, Zs., Csapó, J.: Egy magyarországi és egy erdélyi gyapjas mamut korának meghatározása az aminosavak racemizációja alapján (Age determination of two mammoths from Hungarian and Transylvanian regions based on amino acid racemization in tusk and bone). *Csiki Székely Múzeum Periodikája*, 2007, ISSN. 1841-0197, p. 259-372.
3. **Salamon, R.V.**, Csapóné Kiss, Zs., Csapó, J.: A Csíkszeredában készített sajtféleségek konjugáltlinolsav-tartalmának változása a tárolás során (Modifications of linoleic acid during storage of the cheese products from Miercurea Ciuc) *Csiki Székely Múzeum Periodikája*, 2010. ISSN. 1841-0197, p. 535-542.
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C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. **Salamon, R.V.**, Csapó, J.: Measuring methods of conjugated linoleic acid from milk fat. *10th International Conference of Chemistry*, Cluj, 12-14. nov., 2004, ISBN 973-7840-00-3, p.294-298.
2. **Salamon, R.V.**, Csapó, J.: Complex qualification of food and nutrition proteins. *10th International Conference of Chemistry*, Cluj, nov. 12-14, 2004, ISBN 973-7840-00-3, p.299-300.
3. **Salamon, R.V.**, Csapó J.: Impairment of food and nutrition proteins and its measuring methods. *10th International Conference of Chemistry*, Cluj, 12-14 nov., 2004, ISBN 973-7840-00-3, p.301-303.
4. Sarudi, I., Csapóné Kiss, Zs., Szabó, A., **Salamon, R.V.**: Ivóvizek és ásványvizek fluortartalma Magyarországon (Conținutul de fluor a apelor potabile și minerale din Ungaria), *I-a Conferința Internațională a Apelor Minerale din Bazinul Carpatic* (A Kárpát-Medence Ásványvizei Tudományos Konferencia). Miercurea-Ciuc, 2004. iul. p.109-115.
5. **Salamon, R.V.**, Gegő, I., Szabó, K., Csapó J.: Fatty acid composition of the cow milk produced in Transylvania. *The 11th Romanian International Conference on Chemistry and Chemical Engineering*. Bucharest, 2005. 22-24. sept. 2., ISBN 973-718-284-7, p.66-72.
6. **Salamon, R.V.**, Csapó, J., Varga-Visi, É., Csapóné Kiss, Zs., Altörjai, A., Győri, Z., Boros-Győri, A., Sára, P., Albert, Cs.: Changes in fatty acid and conjugated linoleic acid content of milk according to season, *11th International Conference of Chemistry*. Cluj, 11-13 nov., 2005, ISBN 973-7840-07-0, p.308-311.

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8. **Salamon, R.V.**, Lóki, K., Salamon, Sz., Sára, P., Albert, B., Mándoki, Zs., Csapóné Kiss, Zs., Borosné Győri, A., Győri, Z., Csapó, J.: Élelmiszerek zsírsav-összetételének változása a hagyományos és a mikrohullámú hőkezelés során (Changes in fatty acid composition of foodstuffs during conventional and microwave heat treatment) *Műszaki Kémiai Napok '07*. Veszprém, 25-27. apr. 2007, p.238-242.
9. **Salamon, R.V.**, Salamon, Sz., Tamás, M., Borosné Győri, A., Győri, Z., Csapóné Kiss, Zs., Csapó, J.: Szintenyészet keverékek hatása savanyú tejtermékek zsírsav-összetételére és KLS-tartalmára (Changes in fatty acid composition and conjugated linoleic acid contents of milk and dairy products caused by pure cultures), *13th International Conference of Chemistry*, Cluj, 8-11. nov. 2007, ISSN 1843-6293, p.89-92.
10. **Salamon, R.V.**, Salamon, Sz., Tamás, M., Csapóné Kiss, Zs., Borosné Győri, A., Győri, Z., Csapó, J.: Különböző tejtermékek és a margarin zsírsav-összetételének változása a hagyományos és a mikrohullámú hőkezelés során (Changes in fatty acid composition of different milk products and margarine during conventional and microwave heat treatment). *13th International Conference of Chemistry*, Cluj, 8-11. noi. 2007, ISSN 1843-6293, p.93-96.
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13. **András, Cs.**, Bartha, Z., Kapás, Á., Székely, G., György, É., Salamon, Sz., Salamon, R., Csajági, Cs.: Édeskömény (*Foeniculum vulgare* Mill.) illóolaj kinyerése mikrohullámú vízgőzdesztillációval és szuperkritikus állapotú szén-dioxiddal (Obtaining of fennel (*Foeniculum vulgare* Mill.) volatile oil with microwave-assisted hydrodistillation and by extraction with carbon-dioxide in supercritical state). *Szuperkritikus Oldószerek Művelési és Analitikai Alkalmazásai*, Budapest, 22. máj, 2008, ISBN 978-963-420-950-8, p. 17.
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G. Contracte de cercetare (menționați calitatea de director sau membru)

Nr.crt	Titlul temei/ director sau membru	Program	Anul	Valoare

1.	Obținerea unui produs funcțional prin adaos de trilinoleat conjugat produs prin semisinteză, http://www.sapientia.ro/data/cercetare/granturi-PUC-2011-2012.pdf/ Nr. de înreg:IPC: 1/22/05.01.2012, Nr. de înreg. Univ. Sap.: 5/22/05.01.2012 Nr. de înreg. IPC: 59/9/08.11.2012 Nr. de înreg. Univ. Sap.: 614/9/08.11.2012 Nr. de înreg. IPC: 2/10/21.01.2014 Nr. de înreg. Univ. Sap.: 34/10/21.01.2014 /DIRECTOR	Institutul Programelor de Cercetare al Univ. Sapientia	2011-2014	10000 Eur
2.	Extracția acidului tartric din subprodusele vinicole prin metode ecologice Nr. de înreg: E/CS/426/25.03.2003 /MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2002-2003	6.720 Eur
3.	Determinarea cantității de D-aminoacizi a laptelui și a produselor lactate, Nr. de înreg: 1325/05.10.2004, 1283/25.10.2005, 1034/15.10.2006/MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2004-2007	6214 Lei+ 4680 Eur
4.	Variația compoziției laptelui de mamă în funcție de nutriție având în vedere conținutul de acid linoleic conjugat, trans acizi grași, macro și microelemente, colesterină, carbamidă, Nr. de înreg:649/01.12.2007, 212/32/13.04.2009/ MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2007-2009	20800 Lei
5.	Conținutul de seleniu a alimentelor provenite din Secuime Nr. înreg. IPC: 48/4/09.04.2010, Univ. Sap.: 211/4/09.04.2010, IPC: 34/5/22.03.2011, Univ. Sap.: 126/5/22.03.2011. /MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2009-2011	45000 Lei
6.	Studiul păduchilor de plante și prădătorii lor în diferite chemotipuri de <i>Tanacetum vulgare</i> http://www.sapientia.ro/data/cercetare/granturi-PUC-2011-2012.pdf Nr. înreg.: IPC: 1/13/05.01.2012 Univ. Sap.: 5/13/05.01.2012 IPC: 59/1/08.11.2012 Univ. Sap.: 614/1/08.11.2012/MEMBRU	Institutul Programelor de Cercetare al Univ. Sapientia	2011-2014	10000 Eur
7.	Cercetări interdisciplinare privind valorificarea energetică a subproduselor din industria laptelui (VESPII) contract: 31-096/ 2007/MEMBRU	PNC DI II	2007-2010	
8.	Tehnologii inovative de conservare și utilizare a bacteriilor lactice probiotice cu performanțe biotehnologice superioare pentru creșterea siguranței alimentare (INCTEC) contract 61-001/2007/MEMBRU	PNC DI II	2007-2010	
9.	Tehnologie și echipament pentru pasteurizarea laptelui și a smântânii în câmp de microunde (MICROPAST) Contract nr. 88/25.09.2007/MEMBRU	INOVARE	2007-2009	
10.	Tehnologii inovative de fabricare a produselor lactate funcționale în condiții de siguranță alimentară (INOVATEC) Contract nr. 89/25.09.2007/MEMBRU	INOVARE	2007-2009	
11.	Creșterea competitivității produselor lactate sinbiotice fabricate la SC Lactis SRL– ODORHEIU SECUIESC prin îmbunătățirea calității laptelui materie primă și optimizarea și dezvoltarea activității de marketing Contract nr. 98/28.09.2007/MEMBRU	INOVARE	2007-2009	
12.	Tehnologii pentru producerea de alimente cu conținut optim de seleniu (TOPAS) Contract nr. 61-022 / 14.09.2007/MEMBRU	PNC DI II	2007-2010	2078000 RON

13.	Sistem informatic de monitorizare si control a stațiilor de epurare a apelor uzate prin utilizarea sistemelor distribuite Multi-Agent și a unor algoritmi avansați de reglare automată (AICSYS) Contract nr. 30/24.09.2007/MEMBRU	INOVARE	2007-2009	
14.	Aplicarea tehnologiilor de precurare a apelor uzate în rețeaua de calanizare (ATARC)- Contract nr. 25/24.09.2007/MEMBRU	INOVARE	2007-2009	
15.	Inoculanți microbieni pentru pentru sisteme de agricultură durabilă (MIMOSA)- Contract nr. 31-048/14.09.2007/MEMBRU , perioada 2013-2015	PNC DI II	2007-2010	
16.	Conceperea, realizarea și experimentarea unui sistem performant de transfer a oxigenului în reactoare biologice aerate (TEOFIT) Contract nr. 21/21.09.2007/MEMBRU	INOVARE	2007-2009	
17.	Biopreparate microbiene pentru creșterea calității furajelor insilozate- Contract nr.: 565/09.09.2013/MEMBRU	POS CCE- Axa 2	2013-2015	

III. RECUNOAȘTEREA

I. Premii, distincții

Premiul special al Asociației Maghiare Tehnico-Științifică din Transilvania în cadrul XII-a Conferință Internațională de Chimie, 2006, Cluj

J. Citări

Salamon, R.V., Szakály, S., Szakály, Z., Csapó, J.: Konjugált linolsav (CLA) – tejtermékek – humán-egészség.

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Lista de lucrări în domeniul de studii universitare de licență informatică

Numele și prenumele Garda-Mátyás L. Edit-Mária

A. Teza de doctorat.

Titlu: Ecuații condiționale pentru funcții monomiale
(Conditional equations for monomial functions)

Anul susținerii: 2021

Conducătorul științific: prof. dr. Zoltán Boros

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

- Filep Levente, **Garda-Mátyás Edit**, Oláh-Gál Róbert: Excel közgazdász- és mérnökjelölteknek (Excel pentru studenți la economie și științe inginerești), Ed. Scientia, Cluj-Napoca, 2021, ISBN 978-606-975-053-7, 190 pagini.

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

B5. Capitole de cărți publicate în străinătate

B6. Capitole de cărți publicate în țară

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

- Z. Boros, **E. Garda-Mátyás**, Quadratic functions fulfilling an additional condition along the hyperbola $x^2 + y^2 = 1$, *Aequationes mathematicae*, Volume 97, 2023, 1141–1155, <https://doi.org/10.1007/s00010-023-01018-0>
- Z. Boros, **E. Garda-Mátyás**, Conditional equations for monomial functions, *Publ. Math. Debrecen*, 100/3-4(1), 2022, 263-276, (DOI: 10.5486/PMD.2022.8832)
- **E. Garda-Mátyás**: Quadratic functions fulfilling an additional condition along hyperbolas or the unit circle, *Aequationes mathematicae*, Volume 93 (2), 2019, 451-465, (ISSN: 0001-9054 (Print) 1420-8903 (Online))

- Z. Boros, **E. Garda-Mátyás**: Conditional equations for quadratic functions, *Acta Math. Hungar.*, Volume 154 (2), 2018, 389-401. (ISSN: 0236-5294 (Print) 1588-2632 (Online))

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

- **Garda-Mátyás Edit**, Makó Zoltán: The modified joint optimal strategy concept in zero-sum fuzzy matrix games, *Annales Univ. Sci. Budapest., Sect. Comp.*, Volume 36 (2012), 103-116. (ISSN: 0138-9491, Mathematical Reviews)
- Makó Zoltán, Szenkovits Ferenc, **Garda-Mátyás Edit**, Csillik Iharka: Classification of near Earth asteroids with artificial neural network, *Studia Univ. "Babeș-Bolyai", Mathematica*, Volume L, Number 1, 2005, 85-92. (ISSN: 0252-1938, Mathematical Reviews)
- Makó Zoltán, Szenkovits Ferenc, **Garda-Mátyás Edit**: Solution of Kepler-equation with artificial neural network. *Automation Computers Applied Mathematics*, 13 (2004), 119-127. (ISSN: 1221-437X, Zentralblatt)

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

- **Garda-Mátyás Edit**, Zsombori Gabriella: VII. *Sapi tehetségnap*, Matlap - Ifjúsági matematikai lapok (2017/5), 161-173. (ISSN: 1224-3140)
- **Garda-Mátyás Edit**, Zsombori Gabriella: *Sapi tehetségnap*, Matlap - Ifjúsági matematikai lapok (2012/4), 129-137. (ISSN: 1224-3140)

C6. Lucrări științifice publicate în volumele manifestărilor științifice

- **Edit Garda-Mátyás**: The solution of quadratic and cubic functions with additional conditions, In N. Benedek (Ed.), *17th International Conference on Economics and Business: Challenges in the Carpathian Basin*, Miercurea Ciuc, Editura RISOPRINT, 2025, pp. 388-396. (ISBN: 978-973-53-3346-8)
- **Garda-Mátyás Edit**, Makó Zoltán, Szenkovits Ferenc, Csillik Iharka: *The chaotic variation of capture effect in the three body problem*, Proceedings of the 4th International Conference of PHD Students (Natural Science), organizat de Universitatea din Miskolc, Miskolc, 2003, 31-38. (ISBN: 963 661 580 5)

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

F. Invenții.

G. Contracte de cercetare (menționați calitatea de director sau membru)

- *Legătura dintre strategiile de proiectare a algoritmilor și teoria grafurilor*, Inst. Programelor de Cercetare Sapiientia, 2008-2009, membru
- *Studierea proceselor complexe cu ajutorul rețelelor neuronale artificiale*, Inst. Programelor de Cercetare Sapiientia, 2005-2007, membru
- *Studiul sistemelor dinamice cu metode perturbative și fuzzy*. Inst. Programelor de Cercetare Sapiientia, 2002-2005, membru

H. Creația artistică

H1 Participări la manifestații artistice internaționale

H2. Participări la manifestații artistice naționale

H3. Expoziții, filme, spectacole, concerte, discuri de autor, opere internaționale

H4. Expoziții, filme, spectacole, concerte, discuri de autor, opere naționale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

I. Premii, distincții.

J. Citări

- 1) Z. Boros, **E. Garda-Mátyás**, Quadratic functions fulfilling an additional condition along the hyperbola $x^2 - y^2 = 1$, *Aequationes mathematicae*, Volume 97, 2023, 1141–1155, <https://doi.org/10.1007/s00010-023-01018-0>
 - 1.1 **Eszter Gselmann, Mehak Iqbal**: A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: [10.1515/jaa-2025-0013](https://doi.org/10.1515/jaa-2025-0013)
 - 1.2 **Dehghanian, M.; Izadi, S.; Jahedi, S.**: The solution of Drygas functional equations with additional conditions, *Acta Math. Hungar.*, Volume 174(2), 2024, 510-521, DOI: [10.1007/s10474-024-01488-x](https://doi.org/10.1007/s10474-024-01488-x)
 - 1.3 **Bruce Ebanks**: A class of functional equations for additive functions, *Aequationes mathematicae*, 2024, DOI: [10.1007/s00010-024-01105-w](https://doi.org/10.1007/s00010-024-01105-w)
- 2) Z. Boros, **E. Garda-Mátyás**, Conditional equations for monomial functions, *Publ. Math. Debrecen*, 100/3-4(1), 2022, 263-276, (DOI: [10.5486/PMD.2022.8832](https://doi.org/10.5486/PMD.2022.8832))
 - 2.1 **Eszter Gselmann, Mehak Iqbal**: A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: [10.1515/jaa-2025-0013](https://doi.org/10.1515/jaa-2025-0013)
 - 2.2 **Eszter Gselmann, Mehak Iqbal**: Monomial functions, normal polynomials and polynomial equations, *Aequat. Math.*, 2023, <https://doi.org/10.1007/s00010-023-00972-z>

- 2.3 **Eszter Gselmann**: Polynomial identities satisfied by generalized polynomials, Publ. Math. Debrecen, 2022, <https://doi.org/10.48550/arXiv.2104.09160>
- 2.4 **Anteneh Tilahun Adimasu**: Report on the 20th research conference on Functional analysis, Hungary. *Annales Mathematicae Silesianae* 34 (2020), no. 2, 286–304, DOI: 10.2478/amsil-2020-0007
- 3) **E. Garda-Mátyás**: Quadratic functions fulfilling an additional condition along hyperbolas or the unit circle, *Aequationes mathematicae*, Volume 93 (2), 2019, 451–465, (ISSN: 0001-9054 (Print) 1420-8903 (Online))
- 3.1 **Eszter Gselmann, Mehak Iqbal**: A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: [10.1515/jaa-2025-0013](https://doi.org/10.1515/jaa-2025-0013)
- 3.2 **Dehghanian, M.; Izadi, S.; Jahedi, S.**: The solution of Drygas functional equations with additional conditions, *Acta Math. Hungar.*, Volume 174(2), 2024, 510–521, DOI: 10.1007/s10474-024-01488-x
- 3.3 **Eszter Gselmann**: Polynomial identities satisfied by generalized polynomials, Publ. Math. Debrecen, 2022, <https://doi.org/10.48550/arXiv.2104.09160>
- 3.4 **M. Amou**: Quadratic functions satisfying an additional equation, *Acta Math. Hungar.*, Volume 162(34), 2020, 40–51, DOI: 10.1007/s10474-020-01047-0
- 3.5 **Anteneh Tilahun Adimasu**: Report on the 20th research conference on Functional analysis, Hungary. *Annales Mathematicae Silesianae* 34 (2020), no. 2, 286–304, DOI: 10.2478/amsil-2020-0007
- 4) **Z. Boros, E. Garda-Mátyás**: Conditional equations for quadratic functions, *Acta Math. Hungar.*, Volume 154 (2), 2018, 389–401. (ISSN: 0236-5294 (Print) 1588-2632 (Online))
- 4.1 **Eszter Gselmann, Mehak Iqbal**: A functional equation for monomial functions, May 2025, Journal of Applied Analysis, DOI: [10.1515/jaa-2025-0013](https://doi.org/10.1515/jaa-2025-0013)
- 4.2 **Rayene Menzer**: Alternative equations for generalized polynomials, January 2025, Thesis for: Ph.d, DOI: 10.13140/RG.2.2.35848.53767
- 4.3 **Dehghanian, M.; Izadi, S.; Jahedi, S.**: The solution of Drygas functional equations with additional conditions, *Acta Math. Hungar.*, Volume 174(2), 2024, 510–521, DOI: 10.1007/s10474-024-01488-x
- 4.4 **Eszter Gselmann, Mehak Iqbal**: Monomial functions, normal polynomials and polynomial equations, *Aequat. Math.*, 2023, <https://doi.org/10.1007/s00010-023-00972-z>
- 4.5 **Zoltán Boros, Rayene Menzer**: An alternative equation for generalized monomials, 2022, *Aequationes mathematicae* 97(1) 1–8, DOI: 10.1007/s00010-022-00917-y
- 4.6 **Eszter Gselmann**: Polynomial identities satisfied by generalized polynomials, Publ. Math. Debrecen, 2022, <https://doi.org/10.48550/arXiv.2104.09160>
- 4.7 **M. Amou**: Quadratic functions satisfying an additional equation, *Acta Math. Hungar.*, Volume 162(34), 2020, 40–51, DOI: 10.1007/s10474-020-01047-0

- 4.8 **Anteneh Tilahun Adimasu**: Report on the 20th research conference on Functional analysis, Hungary. *Annales Mathematicae Silesianae* 34 (2020), no. 2, 286–304, DOI: 10.2478/amsil-2020-0007
- 5) Makó Zoltán, Szenkovits Ferenc, **Garda-Mátyás Edit**, Csillik Iharka: Classification of near Earth asteroids with artificial neural network, *Studia Univ. “Babeş-Bolyai”, Mathematica*, Volume L, Number 1, 2005, 85-92. (ISSN: 0252-1938, Mathematical Reviews)
- 5.1 **Bora Chetan Abhijnanam, Kushvah Badam Singh, Mouli Gunda Chandra**: Temporal trends in asteroid behaviour: a machine learning and N-body integration approach, *Monthly Notices Of The Royal Astronomical Society*, 534/1/ 415-430, 2024, DOI: 10.1093/mnras/stae2083
- 5.2 **I. Szücs-Csillik**: Overview – Regularization and numerical methods in celestial mechanics and dynamical astronomy, 2023, DOI: 10.59277/RoAJ.2023.1-2.03
- 5.3 **Kaveti Upender, Tammali Sai Krishna, N. Pothanna, P. V. Siva Kumar**: Predicting the Potentially Hazardous Asteroid to Earth Using Machine Learning, 2022, DOI: 10.1007/978-981-16-7389-4_34
- 5.4 **Cosmin Rosu, Victor Bacu**: Asteroid Image Classification Using Convolutional Neural Networks, Conference paper, Conference: 2021 IEEE 17th International Conference on Intelligent Computer Communication and Processing (ICCP), 2021, DOI: 10.1109/ICCP53602.2021.9733484
- 5.5 **Vedant Bahel, Pratik Bhongade, Jagrity Sharma, Samiksha Shukla, Mahendra Gaikwad**: Supervised Classification for Analysis and Detection of Potentially Hazardous Asteroid, Conference paper, Conference: 2021 International Conference on Computational Intelligence and Computing Applications (ICCICA), 2021, DOI: 10.1109/ICCICA52458.2021.9697222

K. Participări la conferințe naționale și internaționale

- 21-23 mai, 2025, 17th International Conference on Economics and Business, Miercurea Ciuc, titlul expunerii: The solution of quadratic and cubic functions with additional conditions
- 15-17 noiembrie 2024, MTNE 2024 - 15. Matematika és Informatika Alkalmazásokkal Konferencia (A 15-a Conferință de Matematică și Informatică cu Aplicații), Miercurea Ciuc, titlul expunerii: Összekapcsolt monom függvénypárok (Perechi de funcții monomiale conectate)
- 10-12 mai, 2023, 16th International Conference on Economics and Business, Miercurea Ciuc, titlul expunerii: Quadratic functions fulfilling an additional condition along hyperbola $xy = 1$

- 3-4 martie, 2021, 15th International Conference on Economics and Business - Challenges in the Carpathian Basin, Global Challenges – Local Answers, Interdependencies or Globalisation?, Miercurea Ciuc, titlul expunerii: Linked pairs of monomial functions
- 10-12 mai, 2018, 14th Annual International Conference on Economics and Business - Challenges in the Carpathian Basin, Innovation and technology in the knowledge based economy, Miercurea Ciuc, titlul expunerii: Conditional equations for monomial functions
- 7-9 septembrie, 2017, 6th Int. Conf. on Mathematics and Informatics, Târgu Mureș, Romania, titlul expunerii: Quadratic functions fulfilling an additional condition along hyperbolas or the unit circle
- 20-22 octombrie 2016, 13th Annual International Conference on Economics and Business – Challenges in the Carpathian Basin, Miercurea Ciuc, titlul expunerii: Conditional equations for quadratic functions
- 6-7 noiembrie 2009, "Az EME 150 éves" – Emlékkonferencia, Miercurea Ciuc, titlul expunerii: Algoritmustervezési stratégiák gráfelméleti háttere
- 11-17 august 2003, 4th International Conference of PHD Students, University of Miskolc, Miskolc (Ungaria), titlul expunerii: The Chaotic Variation of Capture Effect in the N-Body Problem.

L. Alte realizări semnificative

Organizarea unor conferințe:

- Membru în colectivul de organizare al conferinței “ MTNE 2024 - 15. Matematika és Informatika Alkalmazásokkal Konferencia (A 15-a Conferință de Matematică și Informatică cu Aplicații)”, Miercurea Ciuc, 15-17 noiembrie 2024
- Membru în colectivul de organizare al conferinței “EME 150 éves”, Miercurea Ciuc, 6-7 noiembrie 2009.
- Membru în colectivul de organizare al conferinței omagiale Bolyai Farkas, Miercurea Ciuc, 25-26 noiembrie 2006.

Data

02.09.2025

* Conform H.G. 1175/ 2006

Garda-Mátyás Edit

Lista de lucrări

Numele și prenumele **Oláh-Gál Róbert**

A. Teza de doctorat:

Cercetări din geometrie diferențială, asistată de calculator, Debrețin, Ungaria, 1993.
Echivalare în România 2000.

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

Oláh-Gál Róbert: *Interesting facts about Transylvanian mathematicians*, [LAP LAMBERT Academic Publishing](#), 2017. [ISBN 978-3-330-32569-2](#).

Oláh-Gál Róbert: *Források az erdélyi magyar matematikai élet 1785–1918 közötti időszakának történetéhez, (Izvoare pentru viața de matematică maghiară din Transilvania, între anii 1785–1918)* Ed. **MATI Magyar Tudománytörténeti Intézet**, Budapest, 2015., ISBN 978-615-5365-12-6 (Ungaria), 196 pg.

Oláh-Gál Róbert: *Az értől az óceánig: Réthy Mór (1846–1925) akadémikus élete és munkássága, (Viața și opera academicianului Mór Réthy)* Ed. **MATI Magyar Tudománytörténeti Intézet**, Budapest, 2013., ISBN 978-615-5365-04-1 (Ungaria), 222 pg.

Kiss Elemér–Oláh-Gál Róbert: *Újabb fejezetek Bolyai János életművéből (Noi capitole din opera lui János Bolyai)*, Ed. **Magyar Tudománytörténeti Intézet, Pannon Egyetem, Budapest-Veszprém**, 2011. ISBN 978-963-9276-46-8 (UNGARIA), 248. pg.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS

- Filep Levente, Garda-Mátyás Edit, **Oláh-Gál Róbert:** *Excel közgazdász- és mérnökjelölteknek (Excel pentru studenți la economie și științe ingineresti)*, Ed. **Scientia, Cluj-Napoca**, 2021, ISBN 978-606-975-053-7, 190 pagini.
- **Oláh-Gál Róbert**, *Közgazdasági adatok statisztikai feldolgozása Excel segítségével, (Prelucrarea statistică a datelor economice cu ajutorul programului Excel)*, Ed. **Scientia, Cluj-Napoca**, 2013., ISBN 978-973-1970-77-6, 256 Pg.
- **Oláh-Gál Róbert:** *Az informatika alapjai, (Bazele informaticii)* Ed. **Scientia, Cluj-Napoca**, 2007. ISBN 978-973-7953-61-2, 160 pg.
- **Oláh-Gál Róbert** : *Bolyai Farkastól Farkas Gyuláig (De la Farkas Bolyai până la Gyula Farkas, în limba maghiară)*, Editura **Status, Miercurea-Ciuc**, 2006, ISBN 973-8311-83-7, 178 pg.
- **Oláh-Gál Róbert:** *Bolyai-breviárium (Breviar Bolyai)*, Editura **Scientia Kiadó, Cluj/Kolozsvár**, 2012. ISBN 978-973-1970-73-8, p. 180 pg.
- **Oláh-Gál Róbert:** *Bolyai-breviárium (Breviar Bolyai)*, Editura **Scientia Kiadó, Cluj/Kolozsvár**, 2015. ISBN: 978-973-1970-91-2 (973-1970-91-6), p. 192 pg. **Ediția nouă.**

- **Oláh-Gál Róbert:** *Báró altorjai Apor Károly (1815–1885) életének és munkásságának vázlatos bemutatása (Viața și opera lui Karoly Apor(1815–1885)*, Scientia Kiadó, Kolozsvár, 2016., ISBN: 978-973-1970-99-8 (973-1970-99-1), 110 p.
- **Apor Eszter- Oláh-Gál Róbert:***Bolyai Farkas arcképfestője Szabó János (Pictorul cine a desenat portretul lui Farkas Bolyai, Janos Szabo)*, társszerző:, Pro-Print Kiadó, 2016. [ISBN 978-606-556-094-9](#).

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local

- **Oláh-Gál Róbert:** *A Bolyaiak a történelem sodrásában (Despre cei doi Bolyai în decursul istoriei)*, Pro-Print Könyvkiadó, Csíkszereda, 2025. p.289., ISBN 9786065561809.
- **Oláh-Gál Róbert:** *Cei doi Bolyai (în limba română)*, Editura Pro-Print, Miercurea- Ciuc, 2024. p. 71., ISBN 978-606-556-171-7.
- **Oláh-Gál Róbert– Sándor József:** *Szemelvények a Bolyaiak matematikai kézírataiból (Selectii din manuscrisele matematice ale cei doi Bolyai)*, Pro-Print Könyvkiadó, Csíkszereda, 2022. p.129., ISBN 978-606-556-149-6.
- **Oláh-Gál Róbert:** *Gyerekeknek a Bolyaiakról (Despre cei doi Bolyai dedicat copiilor)*, Pro-Print Könyvkiadó, Csíkszereda, 2022. p.80., ISBN 978-606-556-162-5.
- **Oláh-Gál Róbert:** *Bolyai-sommázat. (Sumar Bolyai)*, Pro-Print Könyvkiadó, Csíkszereda, 2021. p.350., ISBN 978-606-556-146-5.
- **Farkas Péter–Oláh-Gál Róbert:** *A leghíresebb helyettes tanár: Szász Károly. (Károly Szász, cel mai renumit profesor suplinitor)*, Pro-Print Könyvkiadó, Csíkszereda, 2019. p.239., ISBN 978-606-556-123-6.
- **Oláh-Gál Róbert:** *Arany János és erdélyi barátai. (János Arany și prietenii lui ardelean)*, Pro-Print Könyvkiadó, Csíkszereda, 2019. p.215., ISBN 978-606-556-113-7.
- **Oláh-Gál Róbert:** *A Bolyaiak a mindennapok sodrásában. (Despre cei doi Bolyai) Érdekességek a két Bolyairól*, Pro-Print Könyvkiadó, Csíkszereda, 2016. p.163., ISBN 978-606-556-088-8
- **Oláh-Gál Róbert:** *X-ek a Bolyaiak életében (X-uri în viața celor doi Bolyai, în limba maghiară)*, Editura Világhírnév, Cluj-Napoca, 2013, ISBN 978-606-93239-6-0, 144 pg.
- **Oláh-Gál Róbert:** *Adalékok Bolyai János megítéléséhez, (Contribuții la aprecierea lui János Bolyai, în limba maghiară)*, Editura Appendix, Târgu-Mureș, 2006, ISBN 973-7647-03-3, 171 pg.
- **Oláh-Gál Róbert:** *Erdélyi tájakon a Bolyaiak nyomában, (Pe urmele celor doi Bolyai în Ardeal)* Editura ProPrint, M-Ciuc, 2009, ISBN 978-973-8468-92-4
- **Oláh-Gál Róbert:** *Gondolatok Bolyai Jánostól és Bolyai Jánosról (Idei de la János Bolyai și despre János Bolyai, în limba maghiară)* Editura Magister, Miercurea-Ciuc, 2002, ISBN 973-85270-3-1, 134 pg.
- **Apor Eszter– Oláh-Gál Róbert:** *Bolyai Farkas arcképfestője Szabó János, (Monografie despre pictorul János Szabó)*, Ed. ProPrint, Miercurea-Ciuc, 2016. ISBN: 978-606-556-094-9.
- **Oláh-Gál Róbert:** *Kiegészítések Vályi Gyula életművéhez (Complemente la opera și viața matematicianului Gyula Vályi)*, Miercurea-Ciuc, 2018. ISBN: 978-973-0-27967-2, 75 pg.
- **Oláh-Gál Róbert:** *Antalfi Endre- egy nagyhatású, de elfelejtett orientalista (Orientalistul Endre Antalfi)*, Miercurea-Ciuc, 2019. ISBN: 978-973-0-28730-1, 64 pg.
- **Kása Zoltán–Oláh-Gál Róbert:** *Az ismeretlen Wald Ábrahám * The Unknown Abraham Wald (Necunoscutul Abraham Wald)*, Miercurea-Ciuc, 2020. ISBN: 978-973-0-32931-5, 54 pg.

- **Oláh-Gál Róbert:** Páter Zoltán matematikus emlékére (În amintirea matematicianului Zoltán Páter), Miercurea-Ciuc, 2021. ISBN: 978-973-0-35435-5, 61 pg.
- **Oláh-Gál Róbert:** In amintirea matematicianului Vasile Ene, In Memory Of The Mathematician Vasile Ene, Ene Vasile matematikus emlékére, Miercurea-Ciuc, 2021, pg. 65. ISBN 978-973-0-35533-8.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web

Numai cele care au nr. ISBN.

Oláh-Gál Róbert: *The Most Cited Hungarian Geometer of the Geometric Institution of the Technical University of Wien* *VISUAL MATHEMATICS Electronic journal*, Published by Mathematical Institute, Belgrade, Editor: Slavik Jablan, ISSN 1821-1437 (online)

R. Oláh-Gál and M. Rupp: *Mór Réthy*, in The MacTutor History of Mathematics archive, School of Mathematics and Statistics, University of St Andrews, Scotland

<http://www.groups.mcs.st-and.ac.uk/~history/Biographies/Rethy.html>

Oláh-Gál Róbert:

https://mathshistory.st-andrews.ac.uk/Extras/Bolyai_house_grave/

B5. Capitle de cărți publicate în străinătate

- **Oláh-Gál Róbert:** *A Bolyai család története, (Istoria familiei Bolyai*, în limba maghiară, Cartea memorială Bolyai, Editura Vince, Budapesta, Ungaria, ISBN 963-9552-15-1, 2004., pp.47-71.
- **Oláh-Gál Róbert:** *Levéltári okmányok Bolyai Farkasról, (Documente arhivistice despre Farkas Bolyai)* Editura PolgART, Budapest, 2007. pp. 191-201.
- **Oláh-Gál Róbert:** *Bolyai Farkas matematikatanárai*, in Mathézés, mechanika, metafizika (*Profesorii de matematică a lui Farkas Bolyai*), Gondolat Kiadó, Budapest, 2016, pp.69–79., ISBN 978 963 693 7188.

B6. Capitle de cărți publicate în țară

- **Oláh-Gál Róbert:** *Herepei Ádám Historia Patriae jegyzetéről. (Despre lecția profesorului Ádám Herepei (în limba maghiară)*, in A Körösi Csoma Sándor, A magyarok és Európa, Editura Casa de Cultura Covasna, Covasna, ISSN 1842-9645, 2025., pp.437-448.
- **Oláh-Gál Róbert:** Körösi Csoma Sándor nagyenyedi leckéinek vázlatos bemutatása. (*Prezentarea cursurilor elevului Alexander Csoma de Körös la Aiud (în limba maghiară)*), in **A Körösi Csoma Sándor A magyar lét rejtelvei**, Editura Casa de Cultura Covasna, Covasna, ISSN 1842-9645, 2024., pp.72-77,
- **Oláh-Gál Róbert:** Körösi Csoma Sándor egyik diákkori jegyzetéről. (*Despre lecția elevului Alexander Csoma de Koros (în limba maghiară)*), in **A Körösi Csoma Sándor Tények és érvek a magyarságkutatásban**, Editura Casa de Cultura Covasna, Covasna, ISSN 1842-9645, 2023., pp.21-29,

- **Oláh-Gál Róbert:** *A Bolyai János és Bolyai Farkas munkássága. (Opera lui János și Farkas Bolyai (în limba maghiară), in 65 év a Bolyaiban*, Editura Lector Târgu-Mureș, ISBN 978-606-95146-0-3, 2021., pp.15-46,
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- **Oláh-Gál Róbert:** Kiegészítések három matematikus életrajzához (New Data in the Biography of Three Mathematicians) *Historia Scientiarum*, 2013., Nr. 11., pp.13-27., ISSN 2285-1984, ISSN-L 2285-1984
- **Oláh-Gál Róbert:** Réthy Mór és Farkas Gyula ügyködése, egy Bolyai-utód megsegítéséért (Contributions of Mór Réthy and Gyula Farkas to Help a Bolyai's Descendant), *Historia Scientiarum*, 2012., Nr. 10., pp.20-22., ISSN 2285-1984, ISSN-L 2285-1984
- **Oláh-Gál Róbert—Sándor József:** *Brassai Sámuel, a kolozsvári egyetem első matematikaprofesszora (Sámuel BRASSAI, the first professor of mathematics of the university of Cluj)*, (Műszaki Szemle 2011., Nr. 54), *Historia Scientiarum* 8, p.9-17., ISSN 1454-0746.

- **Oláh-Gál Róbert:** *Hogyan került Schlesinger Lajos Kolozsvárra? (How to get Ludwig Schlesinger to Cluj/Kolozsvár,* (Műszaki Szemle 2010., Nr. 50), Historia Scientiarum 7., 2010, p.16-22., ISSN 1454-0746.
- **Oláh-Gál Róbert:** *A Ferenc József Tudományegyetemen matematikából doktoráltak listája, (The list of persons obtaining doctor's degree in Mathematics at Franz Joseph University),* (Műszaki Szemle 2009., Nr. 46), Historia Scientiarum 6., 2009, p.28-33., ISSN 1454-0746
- **Oláh-Gál Róbert:** *Villanások Fejér Lipót kolozsvári éveiből* (Flashes from Lipót Fejér's in Cluj), Historia Scientiarum 5., 2008, p.37-39., ISSN 1454-0746
- **Oláh-Gál Róbert:** *Bolyai Gergely Kolozsvár vonzásában* (Gergely Bolyai in the attraction of Cluj), Historia Scientiarum 5., 2008., pp. 40-42., ISSN 1454-0746
- **Oláh-Gál Róbert:** *Román nyelvű kézirat a Bolyai János kézirati hagyatékában* (Romanian manuscript in Bolyai's heritage), Historia Scientiarum 5., 2008., pp.43-44., ISSN 1454-0746
- **Oláh-Gál Róbert:** Réthy Mór vázlatos életrajza, MATLAP 10., XII. évf. 2008, ISSN 1224-3140., pp.362-364.
- **Páter Zoltán – Oláh-Gál Róbert:** *Egész együttthatós polinomok irreducibilis tényezőkre bontása. (Decomposition of algebraic polynomes with integers coefficients in irreducible factors.),* Műszaki Szemle, Cluj-Napoca, 44., 2008, p.37-39., ISSN 1454-0746
- **Róbert Oláh-Gál:** *Cinci ani de la dispariția lui Vasile Ene,* Gazeta matematică, Seria A. 2004. Nr.2., pp. 182-188, ISSN 1010-9943
- **Róbert Oláh-Gál:** *Reflecții despre viața și opera lui János Bolyai,* Gazeta matematică, Seria A, 2004. Nr. 3., ISSN 1010-9943
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- **Oláh-Gál Róbert:** *Dokumentumok Bolyai János szülőházáról és eredeti sírhelyéről* (Documente despre casa natală și despre mormântul original a lui János Bolyai), Műszaki Szemle, 30/2005, Historia Scientiarum Nr.2, ISSN 1454-0746, pp. 4-12.
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C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

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- **Oláh-Gál Róbert, - Kovács Lehel István:** *A pszeudoszféra geodetikus vonalai, és azoknak 3D nyomatóval való megvalósítása (Geodezicele pseudosferei și reprezentarea lor cu imprimanta 3D)* Firka 33. évf. 1. sz. (2023.), ISSN: (1224-371X), 1583-4379, pp. 4-12.
- **Kelemen Hajnalka–Oláh-Gál Róbert:** *A programozás alapjainak játékos tanítása Logo programozási nyelv segítségével (Predarea fundamentele programării în stil jucăuși cu ajutorul limbajului LOGO)* Firka 31. évf. 1. sz. (2022.), ISSN: (1224-371X), 1583-4379, pp. 24-28.

- **Sugár Krisztina – Oláh-Gál Róbert:** *Zene oktatása Logo programozási nyelv segítségével (Predarea fundamentele muzicii cu ajutorul limbajului LOGO)*, **Firka** 30. évf. 3. sz. (2021.), ISSN: (1224-371X), 1583-4379, pp. 25-29.
- **Dr. Oláh Gál Róbert és Berecki Zoltán:** Ismerkedjünk meg újra a Logo programozási nyelvvel, I. rész, **FIRKA** (Fizika InfoRmatika Kémia Alapok), (2019), 28. évfolyam, 3. szám, ISSN: (1224-371X), 1583-4379, pp. 30-33.
- **Oláh-Gál Róbert:** *Tófalve okiratokban való említése, Apor Károly hagyatékában (Registrul documentelor istorice ale satului Tofalău, în arhiva familiei Apor)*, *Caiete Sângeorzene*, VIII/2020., ISSN 2393-0551., pp.51-58.
- **Oláh-Gál Róbert:** *Apor Károly és felesége, Dobrai Katalin végrendelete (Contractul de donație a lui Katalin Dobrai, văduva lui Károly Apor)*, *Caiete Sângeorzene*, VII/2019., ISSN 2393-0551., pp.51-62.
- **Lőrincz Annamária, Oláh-Gál Róbert:** *A lineáris algebra meghonosodása Erdélyben, (Ki tanított először lineáris algebrát Erdélyben?) Răspândirea algebrei lineare în Transilvania, (Cine a predat pentru prima dată algebră lineară în Transilvania), (Historia Scientiarum Nr. 16, 2018.)*, pp. 35-42
- **Sándor József–Oláh-Gál Róbert:** *A számelméleti és a geometriai kongruencia*, **MATLAP** 7, 2011, szeptember, pp. 241-244., ISSN 1224-3140.
- **Oláh-Gál Róbert:** *Az ellipszis érintőjének szerkesztése és Bolyai János jegyzete a tengelyes affinitásról*, **MATLAP** 4. XV. évfolyam 2011. április, ISSN 1224-3140., pp.121-123.
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- **Oláh-Gál Róbert:** *Bolyai János egy észrevétele a láncgörteknek részletgörtekkel való felírására*, **MATLAP** 8. XIV. évfolyam 2010. október, ISSN 1224-3140., pp.283-286.
- **Oláh-Gál Róbert:** *150 éve hunyt el Bolyai János*, *Matlap (Gazeta de Matematica în maghiară)*, XIV., 2010. január, pp. 1-3., ISSN 1224-3140.
- **Oláh-Gál Róbert:** *Az egyköpenyű hiperboloid a Vályi-féle tételben (Hiperboloidul cu o pânză în teorema lui Valyi)*, *Matlap (Gazeta de Matematica în maghiară)*, IX., 2005. január, pp. 9-11., ISSN 1224-3140.
- **Róbert Oláh-Gál:** *Documente în legătură cu matematicianul János Bolyai, ce se află în Arhivele Statului Mureș*, *Anuarul Arhivelor Statului Tg-Mureș, Târgu-Mureș*, 2004, , pp. 295-298., ISSN 1583-1337.
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C6. Lucrări științifice publicate în volumele manifestărilor științifice

- **Oláh-Gál Róbert:** *Serkentő szó*, *Concursul Național de Matematică „Brenyó Mihály”*, Clasele 3-4, Ediția a XVIII-a, Tîrgu-Mureș, 17-19 mai 2019. pp.6-7., Editura Romghid, ISBN 978-606-8243-09-2.

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- **Oláh-Gál Róbert: Bolyai János nyelvészeti munkásságának vázlatos ismertetése,** Kőrösi Csoma Sándor nyomok az időben, KÖRÖSI CSOMA SÁNDOR – MŰVELŐDÉSI RÉTGEGZŐDÉSEK EURÁZSIÁBAN (tud. konferencia, ápr. 9-11) Kovászna, 2015. április 9-11. pp.129-136., ISSN 1842-9645.
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- **Oláh-Gál Róbert: A magyar matematikai szaknyelv kialakulásáról,** VIII. Tudomány- és Technikatörténeti Konferencia, Belényes, 2015. június 18-21. pp.133-139., ISSN 2360-4255.
- **Oláh-Gál Róbert: A Páter-család története,** VII. Tudomány- és Technikatörténeti Konferencia, Szilágysomlyó, 2014. június 26-29. pp.133-139., ISSN 2360-4255.
- **Oláh-Gál Róbert: Serkentő szó fiatal matematikus barátaimhoz,** Concursul Național de Matematică „Brenyó Mihály”, Clasele 3-4, Ediția a XIII-a, Tîrgu-Mureș, 28-30 martie 2014. pp.6-8., Editura Romghid, ISBN 978-606-8243-09-2.
- **Oláh-Gál Róbert: Előszó,** Bolyai János emléktverseny 1993-2012, Molnár Klára, Simon József, Szöcs Péter, Alutus, Csíkszereda, 2013., p.3. ISBN: 9789737875730.
- **Oláh-Gál Róbert: A Bolyai-Lobacsevszkij-féle geometriáról,** A FIZIKA, MATEMATIKA ÉS MŰVÉSZET TALÁLKOZÁSA AZ OKTATÁSBAN, KUTATÁSBAN, Nemzetközi konferencia magyarul tanító művésztanárok és szaktanárok számára, Marosvásárhely, 2012. augusztus 15-18., Kiadja: az ELTE Természettudományi Kara, Felelős kiadó: Surján Péter, dékán, Budapest, 2013., pp. 63-71., ISBN 978-963-284-346-9.
- **Oláh-Gál Róbert: Bolyai-geometria oktatása a művészet nyelvén,** A FIZIKA, MATEMATIKA ÉS MŰVÉSZET TALÁLKOZÁSA AZ OKTATÁSBAN, KUTATÁSBAN, Nemzetközi konferencia magyarul tanító művésztanárok és szaktanárok számára, Marosvásárhely, 2012. augusztus 15-18., Kiadja: az ELTE Természettudományi Kara, Felelős kiadó: Surján Péter, dékán, Budapest, 2013., pp. 95-100., ISBN 978-963-284-346-9.
- **Oláh-Gál R. - Szabó P. G.: Előhang. In: Könyves Tóth Kálmán: Elemi geometria kezdőknek. Bolyai Farkas Úrtan elemei kezdőknek című könyvének újrafogalmazott, jegyzetekkel ellátott kiadása (A sajtó alá rendezésben közreműködött: Szabó P. G.), Szeged, 2008. Polygon. pp. 1-3.**
- **Róbert Oláh-Gál - Alexandru Horváth: Deep geometrical thoughts from some - until now not published - manuscripts of János Bolyai,** Proceedings of the 3rd Conference on the History of Mathematics and Teaching of Mathematics, University of Miskolc, 21-23 May, 2004. ISBN 973-98342-7-2, pp.65-75.

- **Róbert Oláh-Gál** - Júlia Salamon: *Geodetics on the Pseudosphere*, IV International Conference "Non-Euclidean Geometry in Modern Physics and Mathematics", Nizhny-Novgorod, Russia September 7 – 11, 2004, ISBN 966-02-3466-X
- **Róbert Oláh-Gál**: *Рыководи Яноша Боляи о Лобачевском*, IV International Conference "Non-Euclidean Geometry in Modern Physics and Mathematics", Nizhny-Novgorod, Russia September 7 – 11, 2004, ISBN 966-02-3466-X, pp. 194-196
- **Róbert Oláh-Gál** - László Pál: *Discrete approximation*, 6 -th International Conference on Applied Informatics, Eger, Hungary, January 27 - 31, 2004., pp. 409-415.
- **Róbert Oláh-Gál** – Szilárd Máté: *Virtual portrait of János Bolyai*, 6-th International Conference on Applied Informatics, Eger, Hungary, January 27 - 31, 2004. pp. 401-407.
- **Oláh-Gál Róbert**: *Logo helyzete Romániában. Matematikai feladatok megoldása Logoban*, Conferință națională HungaroLogo 2004, Szerencs, 21 iunie 2004, Ungaria, ISBN 963 8431 92 X, pp. 39-44. (*Situația limbajului Logo în România. Rezolvarea problemelor matematice în Logo*, în lb. maghiară)
- **Róbert Oláh-Gál**: *JÁNOS BOLYAI AND MAROSVÁSÁRHELY* (Târgu-Mureș), International Conference on Non-Euclidean Geometry in Modern Physics, Bolyai-Gauss-Lobachevsky 3.(2003) ISBN 963 206 213 2.(Debrecen, Ungaria) pp. 113-118.
- **Róbert Oláh-Gál**: *Schlangefläche in S^4* , International Conference on Applied Informatics, Eger, Hungary, 23-25 August 1995., pp.101-110.
- **Róbert Oláh-Gál**: *Differentialgeometrische Untersuchungen mit Hilfe der Computergrafik*. International Conference on Applied Informatics, Eger, Hungary, 23-26 August 1993,

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

F. Invenții

G. Contracte de cercetare (menționați calitatea de director sau membru)

Granturi individuale – 2002-2012

Nr. crt.	Nume	Tema	Finanțator	Anul
	Lect. Dr. Oláh-Gál Róbert	Cercetări din istoria matematicii bazate pe documente arhivistice	Academia Maghiară	2010
	Lect. Dr. Oláh-Gál Róbert	Viața și opera lui Mór Réthy	Academia Maghiară	2011
	Lect. Dr.	Cronologia	Academia	2012

	Oláh-Gál Róbert	Bolyai	Maghiară	

Proiect de cercetare acordată de Institutul Programelor de Cercetare Sapiientia, 2003. Cercetări de geometrie diferențială asistată de calculator. Conducător științific **Robert Oláh-Gál**, membrii: Asist. László Pál, Prep. Julia Salamon.

Contract privind acordarea bursei de cercetare Sapiientia, 2004. Cercetări de geometrie diferențială cu algebră și grafică pe calculator. Conducător științific **Robert Oláh-Gál**, membrii: Lect. Dr. Alexandru Horváth, Asist: László Pál, Prep. Julia Salamon.

Contract privind acordarea bursei de cercetare Sapiientia, 2005. Cercetări de geometrie diferențială cu algebră și grafică pe calculator. Conducător științific: **Robert Oláh-Gál**, membrii: Lect. Dr. Alexandru Horváth, Asist: Ágoston Róth, Prep. Tünde Sütő, Stud. Attila Bálint.

Bursă de cercetare individuală, acordată de Academia Maghiară, privind viața și opera lui Janos Bolyai, 2004.

Bursă de cercetare individuală, acordată de Academia Maghiară, istoria matematicii în Ardeal. 2009.

Bursă de cercetare individuală (senior), acordată de Academia Maghiară, viața și opera lui Mór Réthy. Anul 2011.

Bursă de cercetare individuală (senior), acordată de Academia Maghiară, Cronologia Bolyai. Anul 2012.

H. Creația artistică

H1 Participări la manifestații artistice internaționale

H2. Participări la manifestații artistice naționale

H3. Expoziții, filme, spectacole, concerte, discuri de autor, opere internaționale

H4. Expoziții, filme, spectacole, concerte, discuri de autor, opere naționale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

I. Premii, distincții Diploma de aur, acordată de Liceul Bolyai, pentru cercetarea Bolyai, 2002, 3 Mențiuni la concursuri de articole de popularizarea matematicii, Budapesta: 1982, 1984, 1995. Certificat de bună apreciere stabilită prin ordin de zii de la Unitatea Militară, 1978.

J. Citări în reviste ISI

K. Participări la conferințe naționale și internaționale

ă	Titlul conferinței	Titlul prelegerii	Data
Universitatea București	Sesiunea de Comunicări științifice	Asupra unor suprafețe cu curbură constantă	1982
Universitatea Babeș-Bolyai	Proceedings of Symposium in	Despre geodezicele pseudosferei	1992

	Geometry (Cluj-Napoca and Târgu-Mureş)		
Conference on Applied Informatics, Eger, Hungary, 23-26 August 1993	Conference on Applied Informatics	Differentialgeometrische Untersuchungen mit Hilfe der Computergrafik	1993
Balatonföldvár, ELTE, BME, KLTE,JPTE, JATE, Hungary	Konstruktive Geometrie	Hilbert's Satze über Flächen mit konstanter Krümmung im Raum E^4 .	1993
Academia Română ,Academia Maghiară, Academia Rusă, Academia din Ucraina, Nyíregyházi Főiskola, Hungary	International Conference on Non-Euclidean Geometry in Modern Physics, Bolyai-Gauss-Lobachevsky 2	Surfaces in E^4	1999
Academia Română	Centenariul Vranceanu	Scufundarea planului hiperbolic în spațiile Euclidiene în lucrările Prof. Gh. Vranceanu	2000
Academia Maghiară, Hungary	Bolyai Konferencia	A Bolyai család története	2002
Academia Română ,Academia Maghiară, Academia Rusă, Academia din Ucraina, Târgu-Mureş	International Conference on Non-Euclidean Geometry in Modern Physics, Bolyai-Gauss-Lobachevsky 3	Bolyai János and Marosvásárhely	2002
Academia Română, Academia Maghiară, Univeristatea Babeş-Bolyai	Nem-euklideszi geometria	Bolyai János	2002
Debreceni Egyetem, Eszterházi Károly Tanárképző Főiskola, Eger, Hungary	6 -th International Conference on Applied Informatics, Eger, Hungary, January 27 - 31, 2004	Discrete approximation	2004
Universitatea din Debrecen	5 th Joint Conference on Mathematics and Computer Science June 9-12, 2004, Debrecen, Hungary	Romanian manuscript in Bolyai's heritage, and Complete Surfaces With Constant Positive Curvature In E^4	2004
University of Miskolc, Hungary	History of Mathematics & Teaching of Mathematics, 21-23 May, 2004	Deep geometrical thoughts from some - until now not published - manuscripts of János Bolyai	2004
Academia Romana ,Academia Maghiară, Academia Rusă, Academia din Ucraina, Nizhny-Novgorod, Russia	"Non-Euclidean Geometry in Modern Physics and Mathematics" , Nizhny-Novgorod, Russia September, 7 – 11	Geodetics on the Pseudosphere, (with Salamon Júlia) Рукописи Яноша Боляи о Лобачевском	2004
Univeristatea Babeş-Bolyai	International Conference in Memoriam GYULA FARKAS CLUJ-NAPOCA, 23-26 August 2005	Gyula Farkas as a Bolyai Researcher	2005
Institutul de Matematică Rényi, Hungary	Seminar, Februarie, 2006	Scufundarea planului hiperbolic	2006
University of Miskolc, Hungary	History of Mathematics & Teaching of Mathematics May 18- 21, 2006	Janos Bolyai and Hypercube	2006
Universitatea din Bucureşti	Conferința omagială Teleman	Scufundarea planului hiperbolic in spațiile euclidiene	2008
Societate Muzeului Ardelean (EME)	Conferință omagială Réthy	Viața și opera lui Mór Réthy	2008
Universitatea din Bucureşti	Conference on Differential Geometry – Tribute to Professor Kostake Teleman (1933-2007)	Profesorul Teleman, specialist și in Istoria matematicii	2009
EMT Cluj	Istoria științei	Lista celor care au dat doctoratul în matematică la Univ. Franz Josif din Cluj	2009

EME 2012	Ziua ştiinţei maghiare	Helyreigazítások az erdélyi matematikusok életrajzában	Kolozsvár 2012. november 9-11.
ELTE Természettudományi Kara	A FIZIKA, MATEMATIKA ÉS MŰVÉSZET TALÁLKOZÁSA AZ OKTATÁSBAN, KUTATÁSBAN, Nemzetközi konferencia magyarul tanító művésztanárok és szaktanárok számára	A Bolyai-Lobacsevszkij-féle geometriáról	Marosvásárhely, 2012. augusztus 15-18
Sapientia EME Targu Mureş	SapMatInfo,	Veress Pál élete és munkássága	2013
EME Cluj	Ziua ştiinţei	X-ek a Bolyai életében	2013
Szent István Egyetem, Alkalmazott Bölcsészeti és Pedagógiai Kar, Szarvas, Ungaria	Matézis, mechanika, metafizika	Bolyai Farkas matematikatanárai	2014. április 25.
Pannon Egyetem, Veszprém, Ungaria	A Műszaki Informatikai Kar meghívására, szeminárium előadás	Réthy Mór élete és munkássága – Prékopa András 85. születésnapja tiszteletére	2014. szept. 24.
Erdélyi Múzeum-Egyesület Csíkszeredai Fiókegyesülete	Megemlékező tudományos Konferencia A Magyar Tudomány Napja Tiszteletére	Apor Károly élete és munkássága	2015. október 30.
Harghita Megye Tanácsa	A Magyar Nyelv Napja	A magyar matematikai szaknyelv kialakulása megújítása	2015. november 13.
University of Miskolc, Hungary	History of Mathematics & Teaching of Mathematics,	Oláh-Gál Róbert: Using Excel Graphic in teaching of mathematics in Higher Education	Miskolc, Hungary 2018. May 23-26.
Babes-Bolyai, EME, Sapientia EMTE Egyetem, KAB	A Magyar Tudomány Napja Erdélyben MTNE, 2018, Parajd	Lőrincz Annamária, Oláh-Gál Róbert: A lineáris algebra meghonosodása Erdélyben, (Ki tanított először lineáris algebrát Erdélyben?) Răspândirea algebrei lineare în Transilvania, (Cine a predat pentru prima dată algebră lineară în Transilvania),	2018. nov. 16-18.
History of Mathematics and Teaching of Mathematics Miskolc,	Filep Levente, Oláh-Gál Róbert	Using Excel Graphic in teaching of mathematics in Higher Education	2018. May, 23-26.
EME Csíkszeredai Fiókegyesülete	Magyar Tudomány Napja, Csíkszereda	Id. Szász Károly (1798–1853) élete és munkássága	2018. nov. 9.
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Babes Bolyai University KAB Cluj-Napoca, Online	45th Conference of the Middle European Cooperation in Statistical Physics 14-16 September, 2020. http://atom.ubbcluj.ro/meco	The mathematical heritage of János Bolyai - Creating a new world out of nothing – Róbert Oláh-Gál ¹ and Zoltán Nédá ² 1 Sapientia, Hungarian University	14-16 September, 2020.

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EMT Cluj-Napoca	TTK 15, Erdélyi Magyar Műszaki Tudományos Társaság TTK – 2022 XV. Tudomány-és Technikatörténeti Konferencia	OLÁH-GÁL Róbert Kőrösi Csoma Sándor egy 1803-ból származó, nagyenyedi matematikai leckéje (eredeti kézirat alapján)	Bethlen Gábor Kollégium, Nagyenyed 2022. június 30. – július 3.
Sapientia EMTE, Csíkszeredai Kara	Magyar Tudomány Napja 2022, Csíkszeredai EME Fiók	Bolyai János, Erdély egyik legnagyobb hatású tudósa	Csíkszered, 2022. november 4.
Partiumi Keresztény Egyetem Nagyvárad+Debreceni Egyetem	Matematika és informatika didaktikai kutatások 2023 címmel szervezett közös konferenciát március 31. és április 2. között Nagyváradon a Partiumi Keresztény Egyetem és a Debreceni Egyetem Matematika- és Számítástudományok Doktori Iskola.	Az UNESCO Bolyai-émlékév tiszteletére, Bolyaiakról szóló könyveim (Plenáris előadás)	2023. április. 1. Vasárnap.
EMT, TTK XVI.	XVI. Tudomány- és Technikatörténeti konferencia, Nagyszalonta	A Bolyaiak, Mentovich Ferenc, Arany János és az Aporok	2023. jun.28–2023. július. 1.
EMT Cluj-Napoca	TTK 16, Erdélyi Magyar Műszaki Tudományos Társaság TTK – 2023 XV. Tudomány-és Technikatörténeti Konferencia	OLÁH-GÁL Róbert A Bolyaiak, Mentovich Ferenc, Arany János és az Aporok	Arany János Iskola-központ, Nagyszalont a 2023. június 29. – július 2.
MTA, Bolyai Intézet	BOLYAI EMLÉK ÜLÉS – “SEMMIBŐL EGY UJJ	Bolyai-kutatásaim összefoglalása - A hiperbolikus sík beágyazhatósága	2023. november

	MÁS VILÁGOT TEREMTETTEM”	euklideszi terekbe Dr. Oláh-Gál Róbert (Sapientia Erdélyi Magyar Tudományegyetem, Csíkszeredai Kar, Gazdaságtudományi Tanszék)	24., 11:00- 14:00 óra SZTE TTIK Bolyai Intézet, Bolyai terem (6720 Szeged, Aradi vértanúk tere 1.)
MTA, Eötvös Loránd Fizikai Társulat	The 12th Bolyai–Gauss– Lobachevsky (BGL) Conference on Non- Euclidean Geometry in Modern Physics and Mathematics	Oláh-Gál Róbert: What is the physical and philosophical consequence of Hilbert's famous theorem, according to which Bolyai-Lobachevskii plane geometry cannot be implemented globally as internal geometry of a surface in 3-dimensional space?	Budapest, 2024. 05. 1– 3.
EMT, TTK XVII.	XVI. Tudomány- és Technikatörténeti konferencia, Nagykároly (Carei)	Molnár Martina (student EC anul I)–Oláh-Gál Róbert: Hogyan lett a statisztikából matematikai diszciplína	CAREI 2024. jun.30– 2024. július. 2.

The mathematical heritage of János Bolyai - Creating a new world out of nothing –

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45th Conference of the Middle European Cooperation in Statistical Physics

14-16 September, 2020. <http://atom.ubbcluj.ro/meco45/>

L. Alte realizări semnificative

Lucrări din istoria științei:

- **Oláh-Gál Róbert:** Bolyai Farkas indulása, megjelent a kolozsvári Művelődés folyóirat 2025. februári számában, pp.4–6., ISSN 1221–8693.
- **Oláh-Gál Róbert:** Bolyai Farkas nyugdíjkérelméről, megjelent a kolozsvári Művelődés folyóirat 2025. februári számában, pp.28–29., ISSN 1221–8693
- **Oláh-Gál Róbert:** Székelyudvarhely szülöttjéről, Szabó János festőművészről, **Lustra**, 2015. II. 2. pp.60-63. ISSN:2360-672X.
- **Oláh-Gál Róbert:** *Mentovichék: Mindenáron Erdélybe!*, **Forrás**, 2015., 47. évfolyam 10. szám, pp.100-106. ,Ungaria, HU ISSN 0133-056X.
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- **Oláh-Gál Róbert:** Bolyai Gergely „székely földben”, Székelyföld, 2014. április., p.116-128., ISSN 1453-3871.
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- **Oláh-Gál Róbert:** Bolyai János, az enciklopédikus, megjelent a kolozsvári Művelődés folyóirat 2011. szeptemberi számában, pp.10-11., ISSN 1221-8693.
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- **Oláh-Gál Róbert:** Réthy Mórné, Finály Etelka, megjelent a kolozsvári Művelődés folyóirat 2011. februári számában, pp.22-24., ISSN 1221-8693.
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- **Oláh-Gál Róbert:** *A Bolyai családfa* (Genealogia familiei lui Bolyai) (Lumea Naturii = Természet Világa, 1993 ianuarie, Ungaria)
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Data 3/09/2025.

Lista de lucrări

Numele și prenumele Salamon Júlia

A. Teza de doctorat

Titlu: Contribuții la teoria echilibrului vectorial parametric
(Contributions to the theory of parametric vector equilibrium)

Anul susținerii: 2009

Conducătorul științific: prof. dr. Kolumbán Iosif

B. Cărți publicate

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS

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- 2) Bulboacă Teodor, **Salamon Júlia**, *Komplex analízis II. Feladatok és megoldások*, (Analiză complexă II. Probleme și soluții) Editura Ábel, Cluj Napoca, 2012, ISBN 978-973-114-162-6 (ediția a treia) 288 pg.
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- 4) Makó Zoltán, **Salamon Júlia**, *Operációkutatás példatár közgazdászoknak*, Editura Scientia, Cluj Napoca, 2011, ISBN 9789731970455, 222 pg.
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- 6) **Salamon Júlia**, Bogdan Marcel, Closedness of the solution map for parametric weak vector equilibrium problems, *Journal of Mathematical Analysis and Applications* nr. 364, 2010, pp. 483-491 ISSN 0022-247X
- 7) Makó Zoltán, Szenkovits Ferenc, **Salamon Júlia**, Oláh-Gál Róbert, Stable and unstable orbits around Mercury, *Celestial Mechanics and Dynamical Astronomy*, nr. 108, 2010, pp. 357-370 ISSN 0923-2958

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- 2) Makó Zoltán, **Salamon Júlia**, Weak stability transition region near the orbit of the Moon, *Multi-scale (time and mass) dynamics of space objects IAU Symposium* nr. 364, eds. A. Celletti, C. Beauge, C. Gales, A. Lemaitre, 2022, Cambridge University Press, pp. 184-190 (Scopus, ProQuest) ISSN 1743-9221
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- 4) **Salamon Júlia**, Some regularities for parametric operator equilibrium problems, *Automation, Computers, Applied Mathematics*, nr. 19, 2010, pp. 171-178. ISSN 1221-437X
- 5) **Salamon Júlia**, Closedness of the solution map for parametric vector equilibrium problems, *Studia Univ. "Babes-Bolyai", Mathematica*, vol. LIV, nr. 3, 2009, pp. 137-147, ISSN 0252-1938
- 6) **Salamon Júlia**, Closedness of the solution mapping to parametric vector equilibrium problems, *Acta Univ. Sapientiae, Mathematica*, nr. 1, 2009, pp. 193-200 (Zentralblatt, Zbl 1177.49044; MathSciNet, MR2521189) ISSN 1844-6094
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- 8) **Salamon Júlia**, Sensitivity analysis of the energy functional, *Creative Mathematics and Informatics*, nr. 17, 2008, pp. 85-92. (MathSciNet MR2487847; Zentralblatt, Zbl pre05624005) ISSN 1584 - 286X
- 9) **Salamon Júlia**, *Sensitivity analysis of the energy functional defined on Sobolev space*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol. 2, 2007, pp. 109-117. (Zentralblatt, Zbl 1179.65018)
- 10) Makó Zoltán, **Salamon Júlia**, *Banded approximation with diffusion-neural-network*, 7th International Conference on Applied Informatics Eger, Hungary, B.V.B. Nyomda és Kiadó Kft., vol 2, 2007, pp. 93-101. (Zentralblatt, Zbl 1178.68442)
- 11) Oláh-Gál Róbert, **Salamon Júlia**, The „Teaching Mathematics and Computer Science” journal logo’s mathematical background, *Teaching Mathematics and Computer Science*, Vol.I, nr. 3/1, 2005, pp. 55-65, (Zentralblatt MathDI, ME 2005f.03034). ISSN 1589-7389

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

- 1) **Salamon Júlia**, Geodetikusok a Bolyai–Lobachevskij-geometriában (Geodezice în geometria Bolyai-Lobachevsky), *Firka*, nr. 32/1, 2023, pp. 12-18, ISSN 1224-371X
- 2) **Salamon Júlia**, Matekkör, a csodabogarak gyülekező helye, (Clubul de matematică), VII. Olimpiadă Națională de Matematică pentru Școlile/Secțiile cu Predare în Limba Maghiară, 24-28 februarie 2025, etapa națională, în imprimarea “A rozettán innen és túl” (De aici și dincolo de rozetă)

C6. Lucrări științifice publicate în volumele manifestărilor științifice

- 1) **Salamon Júlia**, Makó Zoltán, Searching for correlated equilibriums in interval valued games, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 377-387. ISBN: 978-973-53-3346-8
- 2) Makó Zoltán, **Salamon Júlia**, Intuitionistic fuzzy certainty equivalence in prospect theory, 17th Annual International Conference on, Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2025, pp. 368-376. ISBN: 978-973-53-3346-8
- 3) Makó Zoltán, **Salamon Júlia**, *Correlated equilibriums of games with possibility preference*, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, Ed. Risoprint, 2018, pp. 201-212. ISBN: 978-973-53-2249-6
- 4) **Salamon Júlia**, Oláh-Gál Róbert, *A computer graphic model for hyperbolic plane*, 5th International Conference "Non-Euclidean Geometry in Modern Physics", Minsk, Belarus, October 10-13, 2006, pp. 212-220.
- 5) Oláh-Gál Róbert, **Salamon Júlia**, *Geodesics on the pseudosphere*, 4th International Conference "Non-Euclidean Geometry in Modern Physics and Mathematics", Nizhny Novgorod, September 7-11, Nizhny Novgorod-Kiev, 2004, pp. 186-193.

- 6) **Salamon Júlia**, *Conformal application with computer graphics in simply connected regions*, 6th International Conference on Applied Informatics Eger Hungary, Volume I, B.V.B. Nyomda és Kiadó Kft., Eger, 2004, pp. 417-424. (Zbl 1074.68507)

G. Contracte de cercetare (menționați calitatea de director sau membru)

- 1) SimplexV4 common free Tool development and Day, Visegrad+ Grants, 2019-2020 membru
- 2) Analysis of Consumer Demand: Likelihood-Based Estimation and Applications, Ministerul Educației Naționale, CNCS UEFISCDI, 2013-2016, membru
- 3) Bursă pentru tineri cadre didactice, Ministerul Resurselor Umane al Ungariei și Institutul Balassi, 2015-2016.
- 4) Studierea problemelor de echilibru vectorial, Inst. Programelor de Cercetare Sapiientia, 2011-2013, director.
- 5) Bursă pentru tineri cadre didactice, Ministerul Resurselor Umane al Ungariei și Institutul Balassi, 2012-2013.
- 6) Probleme de echilibru parametrice cu operatori, Eurotrans, noiembrie 2009.
- 7) Structura haotică a capturii gravitaționale slabă, Inst. Programelor de Cercetare Sapiientia, 2008-2009, membru.
- 8) Culegere de probleme din cercetare operațională și din teoria deciziilor, Asociația Bölöni Farkas Sándor, 2008-2009.
- 9) Metode de optimizare în geometria continuă, aplicații în fizică și chimie, Inst. Programelor de Cercetare Sapiientia, 2006-2008, membru.
- 10) Probleme de echilibru parametrice, Eurotrans, mai, iunie, noiembrie 2008.
- 11) Inegalități variaționale, Domus Hungarica Scientiarum et Artium, mai 2007.
- 12) Studiul unor probleme eliptice cu ajutorul teoriei punctelor critice, CNCSIS, 2006, 2007, membru.
- 13) Geometrie diferențială asistată de algebră și grafică computațională, Inst. Programelor de Cercetare Sapiientia, 2004-2005, membru.
- 14) Vizualizarea obiectelor matematice prin grafică computațională, Inst. Programelor de Cercetare Sapiientia, 2002-2004, membru.

J. Citări

- 1) Makó Zoltán, Szenkovits Ferenc, **Salamon Júlia**, Oláh-Gál Róbert, Stable and unstable orbits around Mercury, *Celestial Mechanics and Dynamical Astronomy*, nr. 108, 2010, pp. 357-370
 - 1.1 Mestre M.F., Cincotta P.M., Giordano C.M., Analytical relation between two chaos indicators: FLI and MEGNO, *Monthly Notices of the Royal Astronomical Society Letters*, nr. 414, 2011, 100-103 (ISI)
 - 1.2 Hadjidemetriou J.D., Voyatzis G., The 1/1 resonance in extrasolar systems: Migration for planetary to satellite orbits. *Celestial Mechanics and Dynamical Astronomy*, 111, 2011, 179-199 (ISI)

- 1.3 Sousa Silva P., Terra M., Applicability and dynamical characterization of the associated sets of the algorithmic weak stability boundary in the lunar sphere of influence, *Celestial Mechanics and Dynamical Astronomy*, 113, 2012, 141-168 (ISI)
- 1.4 Sousa Silva P., Terra M., Diversity and validity of stable-unstable transitions in the algorithmic weak stability boundary, *Celestial Mechanics and Dynamical Astronomy*, 113, 2012, 453-478 (ISI)
- 1.5 Vetrivano M., Van der Weg W., Vasile M., Navigating to the Moon along low-energy transfers, *Celestial Mechanics and Dynamical Astronomy*, 114, 2012, 25-53 (ISI)
- 1.6 Ma X., Li J., Distant quasi-periodic orbits around Mercury, *Astrophysics and Space Science*, 343, 2013, 83-93 (ISI)
- 1.7 Hyeraci N., Topputo F., The role of true anomaly in ballistic capture, *Celestial Mechanics and Dynamical Astronomy*, 116, 2013, 175-193 (ISI)
- 1.8 Willem Johan van der Weg, Massimiliano Vasile, Contingency and Recovery Options for the European Student Moon, *Acta Astronautica*, 94, 2014, 168-183 (ISI)
- 1.9 Luo Z.-F., Topputo F., Bernelli-Zazzera F., Tang G.-J., Constructing ballistic capture orbits in the real Solar System model, *Celestial Mechanics and Dynamical Astronomy*, 120, 2014, 433-450 (ISI)
- 1.10 Jian Li, Yi-Sui Sun, A survey of weak stability boundaries in the Sun-Mars system, *Research in Astronomy and Astrophysics*, 15, 2015, 376–392 (ISI)
- 1.11 Topputo F., Belbruno E., Earth–Mars transfers with ballistic capture, *Celestial Mechanics and Dynamical Astronomy*, 121, 2015, 329-346 (ISI)
- 1.12 Luo Z.F., Topputo F., Analysis of Ballistic Capture in Sun–Planet Models, *Advances in Space Research* 56, 2015, 1030-1041 (ISI)
- 1.13 S Gong, J Li, Analytical criteria of Hill stability in the elliptic restricted three body problem, *Astrophysics and Space Science*, 358:37, 2015 (ISI)
- 1.14 Luo Z.F., Topputo F., Bernelli F., Tang G.J., The role of dynamical models in ballistic capture: The perturbed Sun-Planet case, *Advances in the astronautical sciences*, 153 (2015) 493-512 (DB Scopus)
- 1.15 G. Rollin, J. Lages, D.L. Shepelyansky, Fractal structures for the Jacobi Hamiltonian of restricted three-body problem, *New Astronomy*, nr. 47, 2016, pp. 97-104 (ISI)
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- 1.17 DA Dei Tos, RP Russell, F Topputo, Survey of Mars ballistic capture trajectories using periodic orbits, *Spaceflight Mecanics* 2017, PTS I - IV 160 , pp.1625-1644 (ISI prodeedings)
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- 1.20 Luo Z.F., Topputo F., Capability of satellite-aided ballistic capture, *Commun Nonlinear Sci Numer Simulat*, 48 (2017) 211–223 (ISI)
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- 3) **Salamon Júlia**, Closedness and Hadamard well-posedness of the solution map for parametric vector equilibrium problems, *Journal of Global Optimization*, nr. 47, 2010, pp 173-183
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 - 3.2 Bogdan M., Applications of parametric abstract equilibrium problems in economics, *Procedia Economics and Finance*, 3, 2012, 99 – 104 (ISI proceedings)
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- 3.9 Zhang W.B., Huang N.J., O'Regan D., Generalized well-posedness for symmetric vector quasi-equilibrium problems, *Journal of Applied Mathematics*, 2015 Article ID 108357 (ISI)
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- 3.14 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, Vector Equilibrium Problems, in *Vector Variational Inequalities and Vector Optimization*, Springer, Cham, (2018) pp 339-427 ISBN 9783319-63048-9 (Springer Book Series, BD)
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 - 4.2 Chongfu Huang, Statistical Significance of Typhoon Risk and Calculation of the Risk per Year, 7th Annual Meeting of Risk Analysis Council of China Association

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- 5) **Salamon Júlia**, On operator equilibrium problems, *Math. Commun.*, nr. 19, 2014, pp. 581-587 ISSN: 1331-0623
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- 6) **Salamon Júlia**, Closedness of the solution map for parametric vector equilibrium problems, *Studia Univ. "Babes-Bolyai", Mathematica*, vol. LIV, nr. 3, 2009, pp. 137-147 (MathSciNet, MR2563553) ISSN 0252-1938
- 6.1 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in *Vector Variational Inequalities and Vector Optimization*, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)
- 7) **Salamon Júlia**, Closedness of the solution mapping to parametric vector equilibrium problems, *Acta Univ. Sapientiae, Mathematica*, nr. 1, 2009, pp. 193-200 (Zentralblatt, Zbl 1177.49044; MathSciNet, MR2521189) ISSN 1844-6094
- 7.1 Qamrul Hasan Ansari, Elisabeth Köbis, Jen-Chih Yao, *Vector Equilibrium Problems*, in *Vector Variational Inequalities and Vector Optimization*, Springer, Cham, (2018) pp 339-427 ISBN 978-3-319-63048-9 (Springer Book Series, BD)
- 8) Makó Zoltán, **Salamon Júlia**, Correlated equilibrium of games in fuzzy environment, *Fuzzy Sets and Systems*, nr. 398, 2020, pp. 112-127 ISSN: 0165-0114
- 8.1 Hitoshi Yano, Ichiro Nishizaki, Interactive Decision Making for Multiobjective Bimatrix Games with Fuzzy Payoffs Based on Possibility Measure, 19th World Congress of the International Fuzzy Systems Association (IFSA), 12th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT), and 11th International Summer School on Aggregation Operators (AGOP) *Atlantis Studies in Uncertainty Modelling*, 2021, DOI: 10.2991/asum.k.210827.044 (BD)
- 8.2 Hitoshi Yano, Fuzzy Random Bimatrix Games Based on Possibility and Necessity Measures, *Journal of Advanced Computational Intelligence and Intelligent Informatics*, nr. 25(6), 2021, pp. 1024-1030 (ISI, Scopus)
- 8.3 Hitoshi Yano, Multiobjective Fuzzy Random Bimatrix Games and An Equilibrium Solution Concept, Proceedings of the International MultiConference of Engineers and Computer Scientists 2021 IMECS 2021, October 20-22, 2021, Hong Kong, *Lecture Notes in Engineering and Computer Science* (DB)
- 8.4 Hitoshi Yano, Ichiro Nishizaki, Multiobjective Bimatrix Game with Fuzzy Payoffs and Its Solution Method using Necessity Measure and Weighted Tchebycheff Norm, *Proceedings of the 13th International Joint Conference on Computational Intelligence (IJCCI 2021)*, 2021, pp. 159-166, DOI: 10.5220/0010630700003063

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- 8.6 Hitoshi Yano, Interactive Decision Making for Multiobjective Fuzzy Random Bimatrix Games, *IAENG International Journal of Applied Mathematics*, nr. 52(2) 2022 IJAM_52_2_11, 7 pg. (DB Scopus, MathSciNet, Zentralblatt MATH)
- 8.7 Hitoshi Yano, Ichiro Nishizaki, Bimatrix Games with Fuzzy Payoffs and an Equilibrium Solution Concept Based on Possibility Measure, *Journal of Japan Society for Fuzzy Theory and Intelligent Informatics* nr. 34(4) 2022 pg. 723-727
- 8.8 Hitoshi Yano, Multiobjective Fuzzy Random Bimatrix Games Based on Possibility/Necessity Measure, *International Journal of Japan Association for Management Systems*, 14(1) 2022, pp. 87-98 J-STAGE
- 8.9 Jiu-ying Dong, Shu-ping Wan, Type-2 interval-valued intuitionistic fuzzy matrix game and application to energy vehicle industry development, *Expert Systems with Applications*, 2024 (ISI)
- 8.10 Chen Yang , Yingqi Zhao , Boyuan Xue , Shaojie Wang , Haijia Su, PYF: a multi-functional algorithm for predicting production and optimizing metabolic engineering strategy in Escherichia coli microbial consortia *Briefings in Bioinformatics* 26(3), 2025, bbaf295 (ISI)
- 8.11 Yang, J., Wang, H., & Lai, L. (2025). A comprehensive entropy measure of probabilistic hesitant fuzzy information and its application in game decision making. *Journal of the Operational Research Society*, 1–18. <https://doi.org/10.1080/01605682.2025.2540486> (ISI)

K. Participări la conferințe naționale și internaționale

- 1) Salamon Júlia, Searching for correlated equilibriums in interval valued games, 17th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 21-23, 2025.
- 2) Salamon Júlia, Korrelált egyensúlyok intervallumos játékokban, 15. Matematika és Informatika Alkalmazásokkal Konferencia, Miercurea Ciuc, 15-17 noiembrie 2024.
- 3) Salamon Júlia, Strong correlated equilibriums in interval valued games, 16th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 10-12, 2023.
- 4) Salamon Júlia, Correlated equilibrium notions of interval valued bimatrix games, 8th International Conference on Mathematics and Informatics, Târgu-Mureș, 9-10 septembrie 2021.
- 5) Salamon Júlia, Strong correlated equilibriums, 15th Annual International Conference on Economics and Business, Miercurea Ciuc, martie 3-5, 2021.
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- 7) Salamon Júlia, Determination of correlated equilibria using SimplexV4, 17th International conference on Efficiency and Responsibility in Education, Prague, Czech Republic, 4-5 iunie 2020.

- 8) Salamon Júlia, Correlated equilibriums of the games in fuzzy environment, 7th International Conference on Mathematics and Informatics, Târgu-Mureş 2-4 septembrie 2019.
- 9) Salamon Júlia, Correlated equilibrium of interval-valued games, 14th Annual International Conference on Economics and Business, Miercurea Ciuc, mai 10-12, 2018.
- 10) Salamon Júlia, Correlated equilibrium of interval-valued matrix games, 6th International Conference on Mathematics and Informatics, Târgu-Mureş 7-9 septembrie 2017.
- 11) Salamon Júlia, On correlated equilibrium problem, 13th Annual International Conference on Economics and Business, Miercurea Ciuc, October 20-22, 2016.
- 12) Salamon Júlia, Existence and stability of solutions for strong operator equilibrium problem, International Conference Natura Econ 4: Environmental Dynamics under the Impact of Economic Trends, Sfântu Gheorghe, 7 martie 2014.
- 13) Salamon Júlia, On operator equilibrium problems, 8th Conference on Applied Mathematics and Scientific Computing, Šibenik, Croatia, 10-14 iunie, 2013.
- 14) Salamon Júlia, Operátor egyensúlyi feladatok, Conferința Matinfo, Târgu-Mureş, 25-26 mai 2013.
- 15) Salamon Júlia, Erős operátor egyensúlyi feladatok, A magyar tudomány napja Erdélyben: 3. Matematika és informatika alkalmazásokkal konferencia, Cluj Napoca, 9-11 nov. 2012
- 16) Salamon Júlia, Closedness of the solution map for parametric operator equilibrium problems, 9th Joint Conference on Mathematics and Computer Science, Siófok, February 9-12, 2012.
- 17) Salamon Júlia, Some regularities for parametric operator equilibrium problems, The 13th International Conference on Applied Mathematics and Computer Science, Cluj-Napoca, August 26-28, 2010.
- 18) Salamon Júlia, Closedness of the solution map for parametric operator equilibrium problems, "Alexandru Myller" Mathematical Seminar Centennial Conference, Iași June 21-26, 2010.
- 19) Salamon Júlia, Paraméteres vektor egyensúlyi feladatok, Conferința Matinfo, Târgu-Mureş, 8 iunie 2009.
- 20) Salamon Júlia, Some regularities for parametric vector equilibrium problems, The 12th International Conference on Applied Mathematics and Computer Science, Baişoara, September 10-13, 2008.
- 21) Salamon Júlia, Closedness of the solution map for parametric vector equilibrium problems, 7th Joint Conference on Mathematics and Computer Science, Cluj Napoca, July 3-6, 2008.
- 22) Salamon Júlia, Sobolev tereken értelmezett energia funkcionálok érzékenység vizsgálata, Miniconferința de matematică și informatică, Târgu-Mureş, 18 iunie 2007
- 23) Salamon Júlia, Sensitivity analysis of the energy functional on Sobolev space, 7th International Conference on Applied Informatics Eger, Hungary, January 28 - 31, 2007
- 24) Salamon Júlia, A debreceni „Teaching Mathematics and Computer Science” c. folyóirat emblémájáról, Vályi Gyula Emlékkonferencia, Cluj Napoca, 12-13 nov. 2004
- 25) Salamon Júlia, Conformal application with computer graphics in simply connected regions, 6th International Conference on Applied Informatics Eger, Hungary, January 27 - 31, 2004.

L. Alte realizări semnificative

Referent la următoarele reviste de specialitate:

- 1) Applied Mathematics Letters (IF)
- 2) Iranian Journal of Fuzzy Systems (IF)
- 3) Acta Univ. Sapientiae, Mathematica (IF)
- 4) Fuzzy Sets and Systems (IF)

Organizarea unor conferințe și concursuri:

- 1) Membru în comisia centrală a Olimpiadei de Matematică pentru Gimnaziile Maghiare din Europa desfășurată la Liceul Teoretic Bolyai Farkas din Târgu Mureș, în perioada 01-04 mai 2025.
- 2) Membru în colectivul de organizare al conferinței “15. Matematika és Informatika Alkalmazásokkal Konferencia, ” (15-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 15-17 noiembrie 2024.
- 3) Membru în colectivul de organizare a concursului „Szűz tehetségnap”, Miercurea Ciuc, 15 ianuarie 2011, 21 ianuarie 2012, 19 ianuarie 2013, 18 ianuarie 2014, 30 ianuarie 2016, 14 ianuarie 2017 respectiv 19 ianuarie 2019.
- 4) Membru în colectivul de organizare al conferinței “VI Matematika és Informatika Alkalmazásokkal Konferencia” (VI-a conferință de matematică și informatică cu aplicații), Miercurea Ciuc, 13-15 noiembrie 2015.
- 5) Membru în colectivul de organizare al conferinței “EME 150 éves”, Miercurea Ciuc, 6-7 noiembrie 2009.
- 6) Membru în colectivul de organizare al conferinței omagiale Bolyai Farkas, Miercurea Ciuc, 25-26 noiembrie 2006.
- 7) Membru în colectivul de organizare al conferinței internațională: Probleme actuale în mecanică cerească și astronomie dinamică” (“Actual Problems in Celestial Mechanics and Dynamical Astronomy”), Cluj-Napoca, 25-27 mai 2006;
- 8) Membru în colectivul de organizare a Simpozionului științific cu participare internațională: Haos în sisteme dinamice, Universitatea Sapientia, Miercurea-Ciuc, 3–5 martie 2005;

Data 02.09.2025

Lista de lucrări

Numele și prenumele: DÉGI Zsuzsanna

A. Teza de doctorat.

Titlul tezei: *EFL classroom interaction from a multilingual perspective within the Transylvanian school context*

Îndrumător științific: Anna Fenyvesi, PhD, dr. habil.

Denumirea instituției unde s-a realizat: Universitatea din Szeged, Facultatea de Litere, Școala doctorală de Științe ale Limbii, Programul de doctorat: Lingvistică Aplicată în Limba Engleză

Calificativ: summa cum laude

Data susținerii: 14 ianuarie 2019

Acces online – repozitoriu de disertații al Universității din Szeged: <http://doktori.bibl.u-szeged.hu/10049/>

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS/CNCS, în calitate de coautor.

- Tódor Erika-Mária(coord)—Bartha, Krisztina—Benő, Attila—**Dégi, Zsuzsanna**—Magyari Sára—Tankó Enikő. 2019. Alkalmazott nyelvészeti szótár (A két- és többnyelvűség alapfogalmai) / Dicționar de lingvistică aplicată (Conceptele fundamentale ale bi- și multilingvismului) / Dictionary of applied linguistics (Basic concepts of bi- and multilingualism), Presa Universitară Clujeană, Cluj-Napoca, ISBN 978-606-37-0548-9, 2019, 338 pag.

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

Dégi, Zsuzsanna și **TANKÓ, Enikő**. 2024. Teacher Training Booklet. Guidelines and Examples for Module 1&2 [Ghid de pregătire pentru formarea profesorilor. Îndrumări și exemple pentru modulele 1&2]. Editura T3, Sfântu Gheorghe. ISSN 2/2286 – 0363.

Dégi Zsuzsanna. 2019. A Selection of English Grammar Exercises – Word Formation, Aspect, Tenses, Modals, Subjunctive Mood, Passive Voice. Ed. T3 Sfântu Gheorghe, ISSN 2286-0363, 75p.

B5. Capitole de cărți publicate în străinătate

Dégi Zsuzsanna. 2009. „A született magyarnak a saját kultúrájában kellene mélyre hatni, a többi meg felhasználói szinten tudni...”(Idegennyelvoktatáshoz fűződő attitűdök a kisebbségi magyarok körében)[„Un maghiar trebuie să se intereseze și să știe cultura sa proprie, iar ceilalți culturi, la un nivel de utilizator...” (Atitudinile minorităților

maghiari față de predarea limbilor străine]. In: Borbély Anna, Vanconé Kremmer Ildikó, Hattyár Helga (eds.) *Nyelvideológiák, attitűdök és sztereotípiák*. Tinta Könyvkiadó: Budapest, pp: 507-513 (ISBN: 987-963-9074-51-4)

Dégi Zsuzsanna. 2013. Az angol mint harmadik nyelv elsajátítása erdélyi magyar kisebbségi diákok esetében[Învățarea limbii engleze, ca limbă a treia, în cazul elevilor aparținând minorității maghiare]. In: Tóth, Szergej (szerk.) *Társadalmi változások – Nyelvi változások. Alkalmazott nyelvészeti kutatások a Kárpát-medencében*. MANYE, vol.9, MANYE – Szegedi Egyetemi Kiadó Juhász Gyula Felsőoktatási Kiadó: Budapest-Szeged, pp: 307-312 (ISBN: 978-963-9927-62-9)

B6. Capitole de cărți publicate în țară

Dégi, Zsuzsanna. 2024. Profiling the English-Language Skills of University Students Based on the LinguaSap Exam Results. In: Dégi Zsuzsanna–Lajos Katalin–Pieldner Judit–Tódor Erika-Mária (eds.) *Tanulmányok a bölcsészettudományok köréből. Ajtony Zsuzsanna születésnapjára./ Studies in Humanities. On Zsuzsanna Ajtony's Birthday*. Editura Scientia, Cluj-Napoca pp: 109-119.

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

- **Dégi, Zsuzsanna**, T. Balla Ágnes. 2024. *An Ideal Classroom as Depicted by Pre-service English Teachers*. Acta Universitatis Sapientiae, Philologica, 16/2: 21–35. (DOI: 10.47745/ausp-2024-0014)
- T. Balla Ágnes, **Dégi Zsuzsanna**. 2022. Egy ideális angol óra - ahogyan a tanárképzős hallgatók látják [An ideal English lesson in teacher trainees' perception]. *EduLingua*, (8) 1: 53-69.
- **Dégi Zsuzsanna**, T. Balla Ágnes. 2022. Teacher Trainees' Vision of Their Future English Classes. *Acta Universitatis Sapientiae, Philologica*, Scientia Publishing House: Cluj-Napoca, 14/3: 77–91. (DOI: 10.2478/ausp-2022-0026)

BDI: Baidu Scholar, Cabell's Directory, CEEOL - Central and Eastern European Online Library, CEJSH (The Central European Journal of Social Sciences and Humanities) Celdes, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC Dimensions, DOAJ - Directory of Open Access Journals, EBSCO (relevant databases), EBSCO Discovery Service, ERIH PLUS (European Reference Index for the Humanities and Social Sciences), Genamics JournalSeek, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Linguistic Bibliography Online, Linguistics Abstracts Online, Microsoft Academic, MLA International Bibliography, Naviga (Softweco), NSD (Nordic Scientific Database), Primo Central (ExLibris), Publons, ReadCube, SCImago (SJR), SCOPUS, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)

- **Dégi Zsuzsanna**. 2021. The use of multimodal narratives to explore English language learners' identity construction and re-construction. *EduLingua*, 7(1): 47-60.

(<https://doi.org/10.14232/edulingua.2021.1.3>)

- **Dégi Zsuzsanna**, Kovasch Orsolya. 2021. English language learning motivation of students at the Sapientia Hungarian University of Transylvania in Miercurea Ciuc. *Journal of Education Culture and Society*. 12/2: 567-582. (<https://doi.org/10.15503/jecs2021.2.567.582>)
- **Dégi Zsuzsanna**, Asztalos Anita. 2021. Scouts' and educational stakeholders' perceptions of integrating scouting methods into formal education. *Central European Journal of Educational Research (CEJER)*, 3/2: 98-109. (<https://doi.org/10.37441/cejerr/2021/3/2/9365>)
- Tódor Erika-Mária, **Dégi Zsuzsanna**. 2018. Code-switching in second and third language classrooms. *Journal of Linguistics and Intercultural Education (JoLIE)*, 11/2: 141–156. (DOI: <https://doi.org/10.29302/jolie.2018.11.2.10>)
BDI: ProQuest , ERIH Plus, MLA Directory of Periodicals, Cabell's Directories of Publishing Opportunities (in Education Directories: Curriculum & Methods; Educational Psychology & Administration), Linguistics Abstracts Online (Wiley-Blackwell), Index Copernicus, Ebsco Publishing
- **Dégi Zsuzsanna**. 2016. Teachers' beliefs regarding non-target language use in the EFL classroom, *Journal of Linguistics and Intercultural Education (JoLIE)*, 9/1: 19–30. (DOI: <https://doi.org/10.29302/jolie.2016.9.1.2>)
BDI: ProQuest , ERIH Plus, MLA Directory of Periodicals, Cabell's Directories of Publishing Opportunities (in Education Directories: Curriculum & Methods; Educational Psychology & Administration), Linguistics Abstracts Online (Wiley-Blackwell), Index Copernicus, Ebsco Publishing
- Tódor Erika-Mária, **Dégi Zsuzsanna**. 2016. Language attitudes, language learning experiences and individual strategies - What does the school offer and what does it lack? *Acta Universitatis Sapientiae, Philologica*, Scientia Publishing House: Cluj-Napoca, 8/2: 123–137. (DOI: 10.1515/ausp-2016-0022)
BDI: Baidu Scholar, Cabell's Directory, CEEOL - Central and Eastern European Online Library, CEJSH (The Central European Journal of Social Sciences and Humanities) Celdes, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC Dimensions, DOAJ - Directory of Open Access Journals, EBSCO (relevant databases), EBSCO Discovery Service, ERIH PLUS (European Reference Index for the Humanities and Social Sciences), Genamics JournalSeek, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Linguistic Bibliography Online, Linguistics Abstracts Online, Microsoft Academic, MLA International Bibliography, Naviga (Softweco), NSD (Nordic Scientific Database), Primo Central (ExLibris), Publons, ReadCube, SCImago (SJR), SCOPUS, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)
- **Dégi Zsuzsanna**. 2012. The linguistic landscape of Miercurea Ciuc (Csíkszereda). *Acta Universitatis Sapientiae, Philologica*, Scientia Publishing House: Cluj-Napoca. 4/2: 341–356. (ISSN: 2067-5151)
BDI: Baidu Scholar, Cabell's Directory, CEEOL - Central and Eastern European Online Library, CEJSH (The Central European Journal of Social Sciences and Humanities) Celdes, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC Dimensions, DOAJ - Directory of Open Access Journals, EBSCO (relevant databases),

EBSCO Discovery Service, ERIH PLUS (European Reference Index for the Humanities and Social Sciences), Genamics JournalSeek, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Linguistic Bibliography Online, Linguistics Abstracts Online, Microsoft Academic, MLA International Bibliography, Naviga (Softweco), NSD (Nordic Scientific Database), Primo Central (ExLibris), Publons, ReadCube, SCImago (SJR), SCOPUS, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)

- **Dégi Zsuzsanna.** 2012. Types of multilingualism explored in the Transylvanian school context. In: *Jezikoslovlje* 13/2, Skopje, pp: 645-666. (ISSN 1331-7202)
BDI: CEEOL - Central and Eastern European Online Library, Web of Science, Arts and Humanities Citation Index (AHCI), Social Sciences Citation Index (SCCI), Social Scisearch, Journal Citation Reports/Social Sciences Edition, CSA Linguistics and Language Abstracts (LLBA), Linguistic Bibliography Online (BLOnline), Linguistics Abstracts, MLA Directory, Germanistik, International Bibliography of Book Reviews of Scholarly Literature In the Humanities and Social Sciences (IBR), Bibliographie linguistischer Literatur/Bibliography of Linguistic Literature (BLL), EBSCO
- **Dégi Zsuzsanna.** 2010. Effects on the linguistic awareness of foreign language learners. *Acta Universitatis Sapientiae. Philologica*, Scientia Publishing House: Cluj-Napoca, 2/2: 299–312. (ISSN: 2067-5151)
BDI: Baidu Scholar, Cabell's Directory, CEEOL - Central and Eastern European Online Library, CEJSH (The Central European Journal of Social Sciences and Humanities) Celdes, CNKI Scholar (China National Knowledge Infrastructure), CNPIEC Dimensions, DOAJ - Directory of Open Access Journals, EBSCO (relevant databases), EBSCO Discovery Service, ERIH PLUS (European Reference Index for the Humanities and Social Sciences), Genamics JournalSeek, Google Scholar, J-Gate, JournalTOCs, KESLI-NDSL (Korean National Discovery for Science Leaders), Linguistic Bibliography Online, Linguistics Abstracts Online, Microsoft Academic, MLA International Bibliography, Naviga (Softweco), NSD (Nordic Scientific Database), Primo Central (ExLibris), Publons, ReadCube, SCImago (SJR), SCOPUS, Sherpa/RoMEO, Summon (Serials Solutions/ProQuest), TDOne (TDNet), Ulrich's Periodicals Directory/ulrichsweb, WanFang Data, WorldCat (OCLC)

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

- **Dégi, Zsuzsanna, Tódor Erika-Mária.** 2024. A vizuális nyelvhasználat tanulmányozásának élményei egy nemzetközi műhelymunka tapasztalatai alapján. *Anyanyelv-pedagógia*, 17/3, pp: 84–86. (<https://doi.org/10.21030/anyp.2024.3.9>)
- **Tódor Erika-Mária–Dégi Zsuzsanna–Tankó Enikő.** 2017. Beszámoló a csíkszeredai Nyelvi tájkép, nyelvi sokszínűség című műhelykonferenciáról [Concluziile conferinței” Peisajul lingvistic, diversitatea lingvistică”]. *Anyanyelv-pedagógia*, 10/4, pp: 78–83. (DOI: 10.21030/anyp.2017.4.8)

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS/CNCS (altele decât cele din baze de date internaționale).

- **Dégi Zsuzsanna.** 2011. Multilingualism of autochthonous minorities: the case of Transylvania. In: Cornel Moraru, Al. Cistelean and Iulian Boldea (eds.) *Studii umaniste și perspective interculturale*. Editura Universității Petru Maior: Târgu Mureș, pp: 855-867. (ISBN 978-606-581-021-1)

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

- **Dégi Zsuzsanna.** 2020. “English, please!” English teachers’ beliefs regarding L1 use. In: Boldea, Iulian – Simirgean Cornel (eds.) *The dialogue of multicultural discourses. Language and discourse*. Arhipelag XXI Press: Targu Mures, pp: 110-121. (ISBN: 978-606-93590-3-7).
- Tódor Erika-Mária, **Dégi Zsuzsanna**, Tankó Enikő. 2019. Alkalmazott nyelvészeti szótár: utak a szótértéshez. Beszámoló egy csoportos kutatás tanulságairól. [Dicționar de lingvistică aplicată: căi ale înțelegerii. Prezentarea experiențelor unei cercetări colective]. In: Kósa István, Tódor Imre (ed.) *Kutassunk Együtt!* [Să cercetăm împreună!]. Presa Universitară Clujeană: Cluj-Napoca, pp: 41–44. (ISSN:2668-1609)
- **Dégi Zsuzsanna.** 2018. Új trendek és irányzatok a nyelvvoktatásban [Noi tendințe și orientări în predarea limbilor]. In: Tódor Erika-Mária, Tankó Enikő, Dégi Zsuzsanna (ed.) *Nyelvi tájkép, nyelvi sokszínűség. Nyelvhasználati terek és nyelvi sokszínűség, II. kötet* [Peisajul lingvistic, diversitatea lingvistică. Spații ale uzului limbii și diversitate lingvistică, Vol. II]. Scientia Kiadó: Kolozsvár, pp: 191-203. (ISBN: 978-606-975-017-9)
- **Dégi Zsuzsanna.** 2014. The role of Romanian in learning English: the case of Transylvania. In: Ruttkay, Veronika and Gárdos Bálint eds. *Proceedings of the 11th conference of the Hungarian Society for the Study of English*. L’Harmattan Publishing House, Budapest, pp: 749-762 (ISBN: 978-963-236-943-3)
- **Dégi Zsuzsanna.** 2014. Codeswitching in the foreign language classroom. The Proceedings of the International Conference Communication, Context, Interdisciplinarity, vol. 3. Alpha Institute for Multicultural Studies, Petru Maior University Press, Târgu Mureș, pp: 726-735 (ISSN: 2069-3389)
- **Dégi Zsuzsanna.** 2011. Multilingualism in the EFL classroom: challenge or resource? In: *Concepts and Consequences of Multilingualism in Europe 2*. SEE University: Tetovo, pp: 271-284. (ISBN: 978-608-4503-68-2)
- **Dégi, Zsuzsanna.** 2009. Insider/Outsider: both or neither? In: *Actes des XIèmes RJC ED268 ‘Langage et langues’*. Institut de Linguistique et de Phonétique Générales et Appliquées: Paris, pp: 43-46. (<http://rjced268.c.la/>)
- **Dégi, Zsuzsanna.** 2008. Predarea limbii statului în Târgu-Mureș și în zonele sale limitrofe. In: Horváth István, Tódor Erika Mária (eds.) *O evaluare a politicilor de producere a bilingvismului*. Editura Limes: Cluj-Napoca, pp. 173-182
- **Dégi, Zsuzsanna.** 2008. Language teaching in Transylvania: A promotion of multilingualism? In: Arnándiz, Otilia Martí and Safont Jordà, Maria Pilar (eds.) *Achieving multilingualism: wills and ways*. Universidad Jaume I: Castelló de la Plana, pp: 279-292. (ISBN: 978-84-8021-689-0)

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

- **Dégi, Zsuzsanna**, Lajos Katalin, Pieldner Judit, Tódor Erika-Mária (ed.) 2024. Tanulmányok a bölcsészettudományok köréből. Ajtony Zsuzsanna születésnapjára / Studies in Humanities. On Zsuzsanna Ajtony's Birthday. Editura Scientia, Cluj-Napoca (ISBN: 978-606-975-096-4)
- Tódor Erika-Mária, Pál Enikő, **Dégi Zsuzsanna**, Mihály Vilma-Irén (ed.) 2020. Spații Intermediare / Spaces in Between. Editura Scientia: Cluj-Napoca, 246 p (ISBN: 978-606-975-031-5)
- Tódor Erika-Mária, Tankó Enikő, **Dégi Zsuzsanna** (ed.) 2018. Nyelvi tájkép, nyelvi sokszínűség. Nyelvhasználat, nyelvi tájkép és gazdasági élet [Peisajul lingvistic, diversitatea lingvistică. Uzul limbii, peisajul lingvistic și viața economică], Vol. I. Editura Scientia: Cluj-Napoca, 243p (ISBN: 978-606-975-015-5)
- Tódor Erika-Mária, Tankó Enikő, **Dégi Zsuzsanna** (ed.) 2018. Nyelvi tájkép, nyelvi sokszínűség. Nyelvhasználati terek és nyelvi sokszínűség [Peisajul lingvistic, diversitatea lingvistică. Spații ale uzului limbii și diversitate lingvistică], Vol. II. Editura Scientia: Cluj-Napoca, 271p (ISBN: 978-606-975-017-9)

G. Contracte de cercetare (menționați calitatea de director sau membru)

Proiecte internaționale:

- proiectul ERASMUS + *Educational Cosmopolitans: International Perspectives in Teacher Training– OkTáv // Oktatási Világpolgárok: Nemzetközi Szemlélet a Tanító- és Tanárképzésben– OkTáv // Cosmopolitismul educațional: Perspective internaționale în formarea pedagogică – OkTáv* (Project number: 2024-1-HU01-KA220-HED-000248326) (membru)
- Proiect ERASMUS+ BIP 2024 martie-iulie cu participare online și o săptămână de muncă pe teren intensiv organizat la Universitatea Sapientia, Facultatea de Științe Economice, Socio-Umane și Inginerești din Miercurea Ciuc în parteneriat cu Universitatea din Szeged și Universitatea Constantine the Philosopher din Nitra cu titlul: *A multidisciplinary approach to the linguistic landscape (O abordare multidisciplinară a peisajului lingvistic)*. (coordonator proiect)
- Balassi Bálint–ösztöndíjprogram – KLEBELSBERG KUNO TEHETSÉGGONDOZÓ, Institutul Balassi, Budapesta – coordonator științific (studenta Marton Andrea, titlul cercetării: A nyelvi szorongás jelensége és megnyilvánulása bilingvis környezetben [Anxietate lingvistică în cadrul vorbitorilor bilingvi], 2021-2022, (400.000 HUF), KKM/7537/2022/Adm
- Proiect OTKA (Hungarian Scientific Research Fund): Nyelvi revitalizáció, szocializáció és ideológia a Csángó Bentlakások diákjai körében [Revitalizare lingvistică, socializare și ideologii în cadrul elevilor din Căminul Ceangăiesc] (membru), 01.12.2019 – 30.11.2023, (46.928.000 HUF), cod: 131562 (<http://nyilvanos.otka-palyazat.hu/index.php?menuid=930&num=131562&keyword=cs%C3%A1ng%C3%B3>3)
- Balassi Bálint–ösztöndíjprogram – KLEBELSBERG KUNO TEHETSÉGGONDOZÓ, Institutul Balassi, Budapesta – coordonator științific

(studenta Asztalos Anita, titlul cercetării: A cserkészzet, mint non-formális tanulási környezet Erdélyben [Cercetășia ca mediu de învățare non-formală în Transilvania], 2019-2020, (400.000 HUF), KKM/27993/2020/Adm

- Proiect ERASMUS+: Culture knowledge and language competences as a means to develop the 21st century skills (membru), 2018-2020, (34.559 €) 2018-1-HR01-KA204-047430
- Proiect ERASMUS+: Language skills and intercultural issues in the hospitality industry: unity in diversity in the EU (membru), 2016-2018, (26.014 €), 2016 -1-HR01-KA202-022160
- Proiect ERASMUS+: Key Skills for European Union Hotel Staff (membru), 2014-2016, (24.983 €), 2014-1-HR01-KA204-007224
- DOMUS HUNGARICA – bursă de cercetare individuală pe tema: Rolul limbii române în achiziția limbii engleze ca limba a treia, 2012-2013, (100.000 HUF), DSZ/2/2012
- MÁRTON ÁRON KUTATÓI SZAKKOLLÉGIUMI PROGRAM – Institutul Balassi, Budapesta – coordonator științific (studenta Salamon Boróka, titlul cercetării: Kódváltás és nyelvkölcsönzés a romániai hivatalok magyar ajkú alkalmazottainál. Esettanulmány: Hargita Megye Tanácsa [Schimbare de cod lingvistic și împrumuturi lexicale în cadrul funcționarilor publici maghiari în instituțiile românești. Studiu de caz: Consiliul Județean Harghita]), 2013-2014, (400.000 HUF), NY-MÁSZ/36/2014
- MÁRTON ÁRON KUTATÓI SZAKKOLLÉGIUMI PROGRAM – Institutul Balassi, Budapesta – coordonator științific (studentul Jakab Botond, titlul cercetării: Látható két- és többnyelvűség. Két erdélyi város nyelvi tájképe [Bilingvism și multilingvism vizibil. Peisajul lingvistic în două orașe din Transilvania]), 2017-2018, (400.000 HUF), KKM/1936-3/2017/Adm
- Proiect LINEE (Languages In a Network of European Excellence), EU FP6 – CITIZENS (membru WP9 - (Inter) regional case studies of multilingual education, WP9a - Language use and language values in minority school settings and WP11a - Multilingualism, transcultural capital and social exclusion amongst migrant minority populations), 2006-2010 (5 085 384 €), CIT4-2006-28388

Proiecte naționale:

- Proiect Institutul Programelor de Cercetare al Fund. Sapientia: Concepte cheie lingvistice în domeniul bi- și multilingvismului (dicționar terminologic), (membru), 2017-2018, (17.000 RON), IPC: 13/26/17.05.2017
- Proiect Institutul Programelor de Cercetare al Fund. Sapientia: Activarea limbilor, atitudini și peisajul lingvistic în școală, (membru), 2015-2016, (16.000 RON) IPC: 12/23/28.04.2015
- Proiect Institutul Programelor de Cercetare al Fund. Sapientia: Naratologia Spațiului, (membru), 2011-2012 (9000 RON)

K. Participări la conferințe naționale și internaționale

1. "38th Poznan Linguistic Meeting (PLM2007)", 13-16 Septembrie 2007, Gniezno, Polonia. Titlul lucrării: *The Problem of Rule Complexity in Implicit/Explicit Learning*
2. „RJC (Young Researchers’ Meeting) 2008. Research Objects, Tools and Concepts”, Université Paris III - La Sorbonne Nouvelle, Franța, 30–31 Mai. Titlul lucrării: *Insider/outsider: both or neither?*
3. „Neveléspolitikai és pedagógiai gyakorlat a többnyelvűség kontextusában”, EMTE Sapientia, Csíkszereda, 12-14 Iunie, 2008. Titlul lucrării: *Predarea limbii statului în Târgu Mureș și în zonele sale limitrofe.*
4. "15. Élőnyelvi Konferencia , Nyelvideológiák, attitűdök és sztereotípiák", Sturovo, Slovacia, 4-6 Septembrie, 2008. Titlul lucrării: „*A született magyarnak a saját kultúrájában kellene mélyre hatni, a többi meg felhasználói szinten tudni...*”(Idegennyelvoktatáshoz fűződő attitűdök a kisebbségi magyarok körében))/„*Un maghiar trebuie să se intereseze și să știe cultura sa proprie, iar celelalte culturi, la un nivel de utilizator...*” (Atitudinile minorităților maghiari față de predarea limbilor străine).
5. "International Conference on Multilingualism: Sociolinguistic and acquisitional perspectives", Castello, Spania, 16-18 Decembrie 2008. Titlul lucrării: *Language Teaching in Transylvania: A Promotion of Multilingualism?*
6. 'Bridging the Gap between Theory and Practice' 26-28 Februarie 2009, Viena, Austria. Titlul lucrării: *EFL teaching and the notion of multicompetence.*
7. 27th AESLA International Conference. 26-28 Martie 2009.Ciudad Real, Spania. Titlul lucrării: *Language Use in EFL classroom settings in a Hungarian minority context*
8. LINEE PhD Conference, 6 Mai 2009, Universitatea din Szeged, LINEE Projekt. Titlul lucrării: *Multiple Language Use in EFL classroom settings*
9. Kari Doktorandusz Konferencia, 3 Iunie 2009, Universitatea din Szeged. Titlul lucrării: *Multikompetencia és nyelvhasználat angol idegen nyelvi órákon [Multicompetență și limbajul folosit în cadrul orelor de limba engleză]*
10. EUROSALA Conference, 2-7 Septembrie 2009, University College Cork, Irlanda. Titlul lucrării: *EFL classroom interaction from a multicompetence perspective: Multiple case studies*
11. Third Language Acquisition and Multilingualism Conference, 9-13 Septembrie 2009, Free University of Bolzano/Bozen, Italia. Titlul lucrării: *Multilingual interaction in EFL classroom settings*
12. IX. Országos Nyelvtudományi Konferencia (ONK), 19-21 Noiembrie 2009, Universitatea Pannon, Veszprém, Ungaria. Titlul lucrării: *A multikompetencia vizsgálata angolórákon [Analiza multicompetenței în cadrul orelor de limba engleză]*

13. New Challenges for Multilingualism in Europe, 11-15 Aprilie 2010, Dubrovnik, Croatia. Titlul lucrării: ***Exploring language choice in the FL classroom: mother tongue or typology?***
14. New Challenges for Multilingualism in Europe, 11-15 Aprilie 2010, Dubrovnik, Croatia. Titlul lucrării: ***Multicompetence in foreign language education***
15. New Challenges for Multilingualism in Europe, 11-15 Aprilie 2010, Dubrovnik, Croatia. Titlul lucrării: ***Multilingualism, markets, migrants, flexibility and social inclusion***
16. The First Conference on Discourse, Culture and Representation, 23-24 Aprilie 2010, Universitatea Sapientia, Miercurea Ciuc. Titlul lucrării: ***Effects on the linguistic awareness of FL learners***
17. Kisebbségek nyelvi helyzete Romániában és a Kárpát-medencében, 25-26 Iunie 2010, Universitatea Sapientia, Miercurea Ciuc. Titlul lucrării: ***Általános- és középiskolás diákok nyelvi önértékeléseinek eredményei illetve nyelvek iránti attitűdjei (Marosvásárhely és környéke)[Rezultatele autoevaluărilor de competență lingvistică a elevilor gimnaziali și liceali și atitudinile lor față de limbă (Târgu Mureș și zone limitrofe)]***
18. Conference on Concepts and Consequences of Multilingualism in Europe 2, 7-10 Octombrie 2010, Universitatea SEE, Tetovo, Macedonia. Titlul lucrării: ***Multilingualism in the EFL classroom: challenge or resource?***
19. Multilingualism in Europe. Prospects and practices in East-Central Europe, 25-26 Martie 2011, Research Centre for Multilingualism, Budapesta, Ungaria. Titlul lucrării: ***Language choice in the foreign language classroom***
20. Conferința internațională a doctoranzilor în filologie, 14-15 Aprilie 2011, Universitatea Petru Maior, Târgu Mureș. Titlul lucrării: ***Multilingualism of autochthonous minorities***
21. Conference on Concepts and Consequences of Multilingualism 3, 8-10 Iunie 2011, Universitatea din Pécs și Universitatea Josip Juraj Strossmayer, Osijek. Titlul lucrării: ***Types of multilingualism explored in Transylvanian school context***
22. Conference on Discourses of space/ A tér diskurzusai, 30-31 martie 2012, Universitatea Sapientia, Miercurea Ciuc. Titlul lucrării: ***The linguistic landscape of Miercurea Ciuc***
23. MANYE conference on Társadalmi változások – nyelvi változások. Alkalmazott nyelvészeti kutatások a Kárpát-medencében, 12-14 aprilie 2012, Universitatea din Szeged, Ungaria. Titlul lucrării: ***Az angol mint harmadik nyelv elsajátítása erdélyi magyar kisebbségi diákok esetében [Învățarea limbii engleze ca limba a treia în cadrul elevilor maghiari din Transilvania]***
24. 2nd LINEE conference on Multilingualism in the public sphere, 4-6 mai 2012, Inter-University Center, Dubrovnik, Croatia. Titlul lucrării: ***Multilingual approach in the foreign language classroom***
25. 8th International conference on Third Language Acquisition and Multilingualism, 13-15 Septembrie 2012, Universitatea Jaume I, Castellon, Spania. Titlul lucrării: ***Acquiring English as a third language by Hungarian minorities in Transylvania***
26. The 11th Conference of the Hungarian Society for the Study of English (HUSSE), 24-26 Ianuarie 2013, ELTE, Budapesta. Titlul lucrării: ***The Role of Romanian in learning English: the case of Transylvania.***
27. MANYE XXIV – Congresul de Lingvistică Aplicată, Multilingvism și comunicare în Europa Centrală și de Est, 24-26 aprilie 2014, Universitatea Babeș-Bolyai, Cluj-Napoca. Titlul lucrării: ***„A román nyelv szerepe az angol mint idegen nyelv tanulásában” [Rolul limbii române în achiziția limbii engleze ca limbă străină]***

28. 9th International Conference on Third Language Acquisition and Multilingualism, 12-14 iunie 2014, Uppsala University, Uppsala, Suedia. Titlul lucrării: ***The role of Romanian in learning English as a third language in the case of Hungarian minority learners***

29. International Conference on Communication, Context and Interdisciplinarity, 23-24 octombrie 2014, Universitatea Petru Maior, Târgu Mureș. Titlul lucrării: ***Codeswitching in the foreign language classroom.***

30. The International Scientific Conference on Literature, Discourse and Multicultural Dialogue, 3-4 decembrie 2015, Universitatea Petru Maior, Târgu Mureș. Titlul lucrării: ***Integrated didactics – a new pedagogical approach towards foreign language teaching.***

31. Donostia Young Researchers International symposium on Multilingualism (DISM 2016), 3-4 martie 2016, University of the Basque Country, San Sebastian, Spania:

From classroom codeswitching to an integrated didactic approach in EFL teaching

32. Discourse, Culture and Representation II - International Conference, 15-16 aprilie 2016, EMTE Sapientia, Miercurea Ciuc:

Language teaching and learning reflected in the schoolscape (joint presentation with Tódor Erika-Mária)

33. The Conference on Linguistics and Intercultural Education, CLIE2016, 22-24 aprilie 2016, Universitatea of Alba Iulia '1 Decembrie 1918', Alba Iulia:

Teachers' beliefs regarding non-target language use in the EFL classroom

34. 6th International EDILIC Congress, Towards an inclusive, ethical and plurilingual language education, 7-9 iulie 2016, Győr, Ungaria:

Languages and language classes: classroom codeswitching (joint presentation with Tódor Erika-Mária)

35. First International Conference on Sociolinguistics (ICS), 1-3 septembrie 2016, Budapesta:

Messages of the walls: schoolscape and their functions in minority language schools (joint presentation with Tódor Erika-Mária)

36. Élőnyelvi Konferencia, 7-9 septembrie 2016, Târgu Mureș:

Nyelvi attitűdök és kisebbségi tananyelvű iskolák [Atitudini lingvistice în școlile cu predare în limbile minorităților] (joint presentation with Tódor Erika-Mária)

37. 29th International Conference on Foreign and Second Language Acquisition (ICFSLA), 18-20 mai 2017, Szczyrk, Polonia:

The learning environment and learning English as an L3 in Transylvania

38. Conference on linguistic and intercultural education (CLIE-2017), 16-18 iunie 2017, Universitatea of Alba Iulia '1 Decembrie 1918', Alba Iulia:

Code-switching in second and foreign language classrooms (joint presentation with Tódor Erika-Mária)

39. Nyelvi tájkép és nyelvi sokszínűség műhelykonferencia, 22-23 septembrie 2017, Universitatea Sapientia, Miercurea Ciuc:

Új trendek és irányzatok a nyelvoktatásban [Noi tendințe și orientări în predarea limbilor]

40. Border Crossings – International Conference, 20-21 aprilie 2018, Universitatea Sapientia, Miercurea Ciuc:

Key terms in bilingualism and multilingualism. Delimiting and blurring linguistic boundaries. (joint presentation with Tódor Erika-Mária and Tankó Enikő)

41. Border Corssings – International Conference, 20-21 aprilie 2018, Universitatea Sapientia, Miercurea Ciuc:

Translanguaging and code-switching –two ways in crossing borders between languages
(joint presentation with Tódor Erika-Mária)

42. Unity in diversity? Teachers’ perspectives on multilingualism within the EU. International Symposium. 27-28 septembrie, 2018. Mercator Institute for Literacy and Language Education, Köln, Germania:

Who counts as a multilingual speaker?

43. International Conference on Multilingualism and Multilingual Education (ICMME19). 21-22 martie 2019. University of Applied Sciences, Bielefeld, Germania.

Multilingual language use during EFL classroom interaction

44. 31st International Conference on Second/Foreign Language Acquisition. From code-switching to translanguaging. 16-18 mai 2019. University of Silesia, Szczyrk, Polonia.

Linguistic behaviour of EFL classroom participants – code-switching or translanguaging

45. Trans-linguistica 5. Languages and Intercultural Mediation after the Digital Revolution – the Challenges of the 21st Century. 30-31 mai 2019. Universitatea Sapientia, Facultatea de Științe Tehnice și Umaniste, Departamentul de Lingvistică Aplicată, Tîrgu Mureș.

Teachers as Language Mediators – the Use of Students’ L1 within the EFL Classroom

46. Literature, Discourse and Multicultural Dialogue. 12-13 decembrie 2020. Universitatea Dimitrie Cantemir, Tîrgu Mureș.

High school teachers’ beliefs regarding efl classroom language use

47. Crisis, Change and Perspectives International Conference. 16-17 aprilie 2021. Universitatea Sapientia, Miercurea Ciuc.

Researching foreign language learning motivation through multimodal narratives

48. Perspectives in human sciences. 8 aprilie 2022. Universitatea Sapientia, Miercurea Ciuc.

Teacher trainees envisioning their ideal future class

49. 33rd International Conference on Foreign / Second Language Acquisition. Modern technologies in foreign language teaching, learning and research. 19-21 mai 2022. University of Silesia, Institute of Linguistics Sosnowiec, Szczyrk, Polonia.

An ideal classroom – as depicted by pre-service English teachers (joint presentation with Agnes T. Balla)

50. Metszéspontok a jelenléti és online oktatásszervezési formákban. 13 iunie 2022. Centrul de cercetare PedPsi - Centrul de Cercetare al Departamentului de Specialitate cu Profil Psihopedagogic al Universității Sapientia

Egy ideális angol óra – ahogyan a tanárképzős hallgatók látják

50. MANYE XXIX. 17-18 martie 2023, Budapesta.

Tanárképzős hallgatók elképzelései egy ideális angolóráról tanárszakos tanulmányaik kezdetén.

51. Discourse, Culture and Representation III. 21-22 April, 2023. Sapientia Hungarian University of Transylvania, Miercurea Ciuc.

The Impact of Theoretical Introduction on Teacher Trainees’ Vision about an Ideal English Language Class

52. Psychological perspectives on second/foreign language learning and teaching. 18-20 May 2023. University of Silesia, Poland.

The transformative impact of teacher education; the case of Transylvania

53. A tanítás kihívásai a romániai magyar közoktatásban. Műhelykonferencia. 12 iunie 2023. Centrul de cercetare PedPsi - Centrul de Cercetare al Departamentului de Specialitate cu Profil Psihopedagogic al Universității Sapientia, Târgu Mureș.

Az óralátogatások hatása a tanárképzős hallgatók jövőképe

54. Felelős Nyelvészet Konferencia (Resling), 23-24 noiembrie 2023, ELTE, Budapesta.

Nyelvi erőforrások találkozása egy részvételi kutatásban

55. Encounters in/among Language, Literature, and Arts, 22-23 martie 2024, Sapientia EMTE, Miercurea Ciuc.

Foreign Language Anxiety during English Speaking Tests

56. 35th International Conference on Foreign/Second Language Acquisition, 23-25 mai 2024, Szczyrk, Polonia.

Using the idiodynamic method to assess individual level anxiety among students doing an English speaking test

57. Conference on Linguistic and Intercultural Education, 28-30 iunie 2024, Alba Iulia.

Positive language learning environment in teacher trainees' visions

58. Generációs kihívások a tanárképzés korszerűsítésében. Műhelykonferencia. 8-9 iulie 2024. Centrul de cercetare PedPsi - Centrul de Cercetare al Departamentului de Specialitate cu Profil Psihopedagogic al Universității Sapientia, Cluj-Napoca.

Pozitív nyelvtanulási környezet a tanárképzős hallgatók elképzeléseiben

59. Trans-linguistica VII: Applied Linguistics in the Age of AI, 17-18 octombrie 2024, Targu Mures.

Language teaching in the AI era

60. Conferința internațională HUSSE17, 30 ianuarie - 1 februarie 2025, Szeged (Ungaria). ***(Trans)forming teacher beliefs and perspectives in the course of English language teacher training*** (coautor Ágnes T. Balla)

61. Conferința Internațională Közvetítés / Transmittere / Transmission, în perioada 21-22 martie 2025; ***Internaționalizarea ca transmitere de cunoștințe. Din experiența unui proiect internațional*** (co-autori: Pál Enikő, Tódor Erika-Mária, Tomonicska Ingrid)

62. Conferința Internațională Közvetítés / Transmittere / Transmission, în perioada 21-22 martie 2025; ***Positive Classroom Environment Depicted in Teacher Trainee's Narratives***

63. Párbeszédben a jövőért. Közoktatás és felsőoktatás együttműködése a tanárképzés megújításáért. [Dialog pentru viitor. Cooperarea între învățământul public și învățământul superior pentru reînnoirea formării profesorilor.] 16-17 iulie 2025. Centrul de cercetare PedPsi - Centrul de Cercetare al Departamentului de Specialitate cu Profil Psihopedagogic al Universității Sapientia, Cluj-Napoca.

Nemzetközi szemlélet a tanító- és tanárképzésben [Abordare internațională în pregătirea personalului didactic] (co-autori: Pál Enikő, Tomonicska Ingrid, Tódor Erika-Mária)

64. 12th Education Culture Society Conference, 11-13 septembrie 2025. Universitatea din Wrocław și Fundația Pro Scientia Publica Wrocław.
Positive classroom environment depicted in teacher trainees' narratives

Data

23.09.2025

Lista de lucrări

Numele și prenumele: NAGY Tünde

A. Teza de doctorat: The Study of Aspectualizers with the Methods of Corpus Linguistics

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS

- *Teaching Collocations. An Integrated Approach*. Editura Scientia, 2022, 172 pagini.
- *On Aspectualizers in English. A Corpus-based Approach*. Editura EME-Scientia Publishing House, 2016, 174 pagini.

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web

B5. Capitole de cărți publicate în străinătate

B6. Capitole de cărți publicate în țară

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior)

- Ian MacKenzie. Language Contact and the Future of English. In: *Ejes, European Journal of English Studies*, 2019, 23 (3), 357-358.
- Erika Bence-Ferenc Németh. Individual and Society. In *Acta Universitatis Sapientiae, Philologica* 9 2 (2017) 41-53.
- Patrick Duffley. The English Gerund-Participle. A Comparison with the Infinitive. In: *Arbeiten aus Anglistik und Amerikanistik*, Volume 33, 1 (2008), 175-178.

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale)

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

C6. Lucrări științifice publicate în volumele manifestărilor științifice

- Karl May *Der Schatz im Silbersee* című regényének adaptációjáról és fordításairól, *Fordítástudomány* 2024, 26 (2), 70-85.
- An Analysis of Dialogic Positioning in Online Commentaries, *Acta Universitatis Sapientiae, Philologica*, 15, 2 (2023), 153-165.

- On the Importance of Raising Collocational Awareness in Translation Practices, *Acta Universitatis Sapientiae, Philologica*, 14, 2 (2022), 31-49.
- Using Technology for foreign language teaching. The teacher's role. *Central European Journal of Educational Research* 3, 2 (2021), 23-28.
- Raising Collocational Awareness with Humour, *Acta Universitatis Sapientiae, Philologica*, 12, 2 (2020), 99–113.
- On the nature of collocations and ways of teaching them in foreign language classes. *Hungarian Educational Research Journal (HERJ)* 10 (2020), 16-31.
- Words that Go Together: Teaching Collocations in the EFL Classroom. *Acta Universitatis Sapientiae, Philologica* 11, 2 (2019), 103-118.
- Teaching the Present Perfect to Native Hungarian Learners. In Rita Pletl, Gabriella Kovács (eds.): *Multilingualism and Plurilingualism in Europe*, 2019, Cluj-Napoca, Scientia, 229-241.
- On Translanguaging and its Role in Foreign Language Teaching. *Acta Universitatis Sapientiae, Philologica* 10, 2 (2018), 41-53.
- Negatív transzfer a present perfect elsajátításánál a magyar-román kétnyelvű diákok esetében. In Erika-Mária Tódor, Enikő Tankó, Zsuzsanna Dégi (eds): *Nyelvi tájkép, nyelvi sokszínűség* 2 (2018) 215-226.
- English as a Lingua Franca and its Implications for Teaching English as a Foreign Language. *Acta Universitatis Sapientiae, Philologica* 8, 2 (2016), 155–166.
- ELF Communication in the Couchsurfing Online Community. A corpus analysis. In Irma Bochorishvili, Stephen Lucek, Katherine Morales (eds.): *Trinity College Working Papers in Linguistics, Inaugural Issue: Proceedings of the 6th Sociolinguistic Summer School*, vol 1 (2016), 95-102.
- ELF Communication in Online Communities. A Corpus-based Approach. In Judit Navracsecs, Szilvia Bátyi (eds): *First and Second Language: Interdisciplinary Approaches. Studies in Psycholinguistics* 6., 2015, Editura Tinta, 189-200.
- Aspectual Coercion and the Complementation of Aspectualizers in English. *Acta Universitatis Sapientiae, Philologica* 1, 2(2009), 229-240.
- Semantic and Discourse Factors in the Complement Choice after *Begin* and *Start*. In Albert Hamm, Lyndon Higgs (eds.): *Ranam, Variability and change in language and discourse* nr. 41 (2008), 187-197.
- On the non-finite complementation of *Cease*. *CrossSections volume 1: Selected papers in linguistics from the 9th HUSSE conference*, University of Pécs, Hungary, 2010, 97-104.
- *Begin* and *Start*. Aspect and Complement Choice. *Bucharest Working Papers in Linguistics*, 1 (2008), pp. 69-77.
- On the Semantics of Aspectualizers in English, 1a: http://www.nyttud.hu/cescl/proceedings/Tunde_Nagy_CESCL.pdf, 2006
- Expressing Continuity in English. *Bucharest Working Papers in Linguistics*, vol VIII, No. 1(2006), 158-163.
- On the Expressions of Grammatical Aspect in English and Romanian. *Husse Papers*, 1 (2005), 491-504.
- On the Perfective-Imperfective Opposition in English and Hungarian. *Bucharest Working Papers in Linguistics* 1(2005), 166-173.
- Interpreting Tense within the Mental Space Theory. *Rodosz Tanulmányok 2004-2005/I*, Kriterion, Cluj-Napoca, Romania, 362-371.
- Remarks on the Expression of Telicity in English and Hungarian. *Bucharest Working Papers in Linguistics* 1 (2004), 57-63.

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

F. Invenții

G. Contracte de cercetare (menționați calitatea de director sau membru):

- Proiectul European Erasmus+, Key Skills for European Union Hotel Staff, 2014-2016, membru
- Bursă de cercetare la Universitatea Freiburg, Germania, între februarie 2007- februarie 2008
- Bursă de cercetare la Universitatea din Viena, Austria, între octombrie 2009-iunie 2010

H. Creația artistică

I. Premii, distincții

J. Citări

K. Participări la conferințe naționale și internaționale

- 16-17 Mai, 2025: Constructing and Decoding meaning - Conference on British and American Studies. Titlul lucrării: *Dictionaries still in Use? On the Applicability of Dictionaries in Language Learning*.
- 21-22 Martie, 2025, Transmire: Conferință organizată de Facultatea de Științe Economice, Socio-Umane și Inginerești Miercurea, Ciuc, Departamentul de Științe Umane, titlul prelegerii: Karl May *Der Schatz im Silbersee* című regényében rejő nyelvi humor és magyar fordításai [Exprimarea umorului în romanul *Der Schatz im Silbersee* der Karly May și traducerea în limba maghiară]
- 15-16 Noiembrie, 2024, Conferință Interculturală Odorheiu Secuiesc, cu prelegerea *A szótárhasználat szerepe a tanórán* [Folosirea dicționarului în ore]
- 26-30 August, 2024: Conferința ICHoLS XVI. organizată de Universitatea din Tbilisi, Georgia, titlul prezentării: *On the Pedagogical Potential of Online Dictionaries*.
- 31 Mai, 2024: Conferința de traductologie MANYE IV., organizată online, tema prelegerii: *Karl May 'Der Schatz im Silbersee' című regényének adaptációról és fordításairól* (Probleme de traducere în romanul *Comoara din Lacul de Argint* de Karl May)
- 22-23 Martie, 2024: Conferința Internațională *Ecounters in/among Language, Literature and Arts* organizată de Universitatea Sapientia, Departamentul de Științe Umane, M-Ciuc, cu prezentarea *Translation and Adaptation into Hungarian of Karl May's Novel 'Der Schatz im Silbersee'*
- 21-22 Aprilie, 2023: Discourse, Culture and Representation III (Discurs, Cultură și Reprezentare III) conferință internațională organizată de Facultatea de Științe Economice, Socio-Umane și Inginerești Miercurea, Ciuc, Departamentul de Științe Umane, titlul prelegerii: *An Analysis of Dialogic Positioning in Online Commentaries*
- 8 Aprilie, 2022. *Perspectives in Human Sciences* (Perspective în Științe Umane). Conferința organizată de Facultatea de Științe Economice, Socio-Umane și Inginerești Miercurea, Ciuc, Departamentul de Științe Umane, titlul lucrării: *On the Importance of Raising Collocational Awareness in Translation Practices*.
- 29 Noiembrie-3 Decembrie, 2021. Conferința ITEL, organizată de Universitatea Aberta, Lisabona, Portugalia, titlul prezentării: *Raising collocational awareness in Business English Classes. How?*
- 6-7 Noiembrie, 2020. Conferința PELI II, Universitatea Eszterházy Károly din Eger (conferință organizată online), cu lucrarea: *Szókincsfejlesztés digitális eszközök segítségével* [Dezvoltarea vocabularului prin aplicarea tehnologiilor informaționale]
- 27-29 Iunie, 2019. Conferința ICLEC (International Conference on Language, Education and Culture), organizată de Universitatea Medipol din Istanbul, titlul prelegerii: *On the Importance of Teaching Collocations in Translation Classes*.

- 25-27 Aprilie, 2019. „Spaces in Between”, Conferința organizată de Universitatea Sapientia, Departamentul de Științe Umane, Miercurea-Ciuc, titlul prezentării: *Words that Go Together. Teaching Collocations in the EFL Classroom.*
- 21-22 Aprilie, 2018: „Border Crossings”, Conferința organizată de Universitatea Sapientia, Departamentul de Științe Umane, Miercurea-Ciuc, titlul prezentării: *On Translanguaging and its Role in Foreign Language Teaching*
- 22-23 Septembrie, 2017: „Peisajul lingvistic, diversitatea lingvistică.” Conferința organizată de Universitatea Sapientia, Departamentul de Științe Umane, Miercurea-Ciuc, titlul prezentării: *Negative Language Transfer in the Acquisition of the Present Perfect by Native Hungarian Speakers*
- 25-27 Mai, 2017: 'Multilingvism și plurilingvism în Europa', conferința organizată de Universitatea Sapientia, Departamentul de Lingvistică Aplicată, Târgu Mureș, titlul prezentării: *Teaching the present perfect to native Hungarian learners*
- 25-26 August, 2016: Conferința organizată de Abo Akademi, Turku, titlul prezentării: *Difficulties faced by L1 Speakers of Hungarian in Learning the Present Perfect Tense*
- 4-7 August, 2015: Școala de vară organizată de Trinity College, Dublin, pe tema multilingvism, titlul prezentării: *ELF and Communication Strategies in Online Communities*
- 31 Mai-4 Iunie, 2015: Participarea la conferința sociolingvistică din Balatonalmádi, Ungaria, cu lucrarea: *ELF communication in Online Communities. A corpus-based approach*
- 25-26 Septembrie, 2014: Participarea la Conferința Internațională intitulată „Diversitate Culturală și Limbaje de specialitate”, organizată de Universitatea Babeș-Bolyai în colaborare cu Universitatea Tehnică din Cluj-Napoca și Quest
- 9-12 Septembrie, 2009: Conferința SLE la Universitatea din Lisabona, Portugalia, titlul lucrării: *The English Present Perfect. A challenge for Hungarian (bilingual) native speakers.*
- 17-21 August, 2009: Școala de vară: International Summer School in Grammaticalization, Copenhaga, Danemarca, cu lucrarea: *Aspectualizers in English. A Corpus-based Approach.*
- 22-24 Ianuarie, 2009: conferința HUSSE, Universitatea Pécs, Ungaria, titlul prezentării: *The complementation of 'cease'. A Semantic Approach*
- 5-7 Iunie, 2008: Conferința Anuală a Universității București, cu lucrarea: *A Semantic Explanation of the Complementation after 'Begin' and 'Start'*
- 23-24 Iunie, 2006: Conferința Anuală a Universității București, cu lucrarea: *Expressing Continuity in English*
- 29-31 Mai, 2006: Conferința de Lingvistică a Universității din Budapesta, titlul comunicării: *On the Semantics of Aspectualizers in English*
- 7-8 Aprilie, 2006: Conferința RODOSZ (VII.), Universitatea Babeș-Bolyai Cluj-Napoca, cu lucrarea: *Bilingualism in Ghimes. Interpreting the results of a survey*
- 6-8 Aprilie, 2006: “Constructions of Identity”, Conferința organizată de Universitatea Babeș-Bolyai din Cluj-Napoca, titlul prezentării: *The Semantics of Aspectualizes in English, with Special Focus on Begin, Start, Finish, End and Complete*
- 2-4 Iunie, 2005: Conferința Anuală a Universității București, cu lucrarea “Matter of Taste”, *On the Perfective-Imperfective Opposition in English and Hungarian*
- 18-19 Februarie, 2005: Conferința RODOSZ, Cluj-Napoca, cu lucrarea: *Interpreting Tense within the Mental Space Theory*
- 27-29 Ianuarie, 2005: “HUSSE 7, Universitatea Veszprém, titlul prezentării *Verbal Aspect in English and Romanian*
- 3-5 Mai, 2004: Conferința organizată de Universitatea Babeș-Bolyai Cluj-Napoca, titlul comunicării *Remarks on the Expressions of Telicity in English and Hungarian*

Lista de lucrări
Dánél Desrosiers Edit- Mária

1. *Mediation and Mediators in Carlos Morton's The Miser of Mexico and Trumpus Caesar*. In ACTA UNIVERSITATIS SAPIENTIAE, PHILOLOGICA, 15, 1 (2023) 163–176. DOI: 10.2478/ausp-2023-0011 (<https://acta.sapientia.ro/content/docs/11-913800.pdf>)
2. *Remediated Encounters in Carlos Morton's Johnny Tenorio and Pancho Diablo*. In. ACTA UNIVERSITATIS SAPIENTIAE, PHILOLOGICA, 16, 1 (2024) 184–197. DOI: 10.47745/ausp-2024-0012 (<https://acta.sapientia.ro/content/docs/12-671321.pdf>)

Submitted for publication:

The La Malinche-Hub: A Woman Between History and Myth in Passuth László's Novel and Carlos Morton's Plays. In. ACTA UNIVERSITATIS SAPIENTIAE, PHILOLOGICA.

Lista de lucrări

Numele și prenumele: Sturtzu Maria Lucreția

A. Teză de doctorat

Publicații literare ieșene postbelice. Poezia, coord. Prof. univ. dr. Iulian Boldea, Școala Doctorală de Litere, Științe Umaniste și Aplicate din Tîrgu Mureș (România)

B. Cărți publicate

B6. Capitole de cărți publicate în țară

Sturtzu, Maria. „Liceul teoretic Marton Aron”, în Stănescu, Ecaterina (coord.), *Jurnalism și educație civică. Reporter de liceu*, Constanța, Editura Dobrogea, 2010, ISBN: 978-606-565-012-1, p. 239.

Sturtzu, Maria. „Teste”, în Costache, Adrian et al. (coord.), *100 variante de subiecte pentru examenul de testare națională 2007*, București, Grup Editorial Art, 2007, ISBN: 978-973-124-068-8, p. 312.

Sturtzu, Maria. „Exerciții”, în Bodean Mihaela, Emilia Oltean (coord.), *Auxiliu didactic pentru dezvoltarea competențelor de comunicare în limba română ca limbă nematernă. Niveluri B2, C1, C2*, Miercurea-Ciuc, Ed. Tipographic, 2014, ISBN: 978-606-8235-39-4, p. 264. Avizat de către MEN.

http://rocnee.eu/sites/default/files/201801/CNEE%20RAPORTARE%20FINALA%20AUXILIARE%202017_0.pdf.

C. Lucrări științifice publicate

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date)

Sturtzu, Maria Lucreția, „Iași 1978 – A Landmark of Romanian Post-war Poetry”, în *Journal of Romanian Literary Studies*, 11/ 2017, CEEOL, Global Impact Factor, Google Scholar, ERIH-PLUS.

<http://old.upm.ro/jrnl/JRLS-11/RI5%2011%2069.pdf>

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

Sturtzu, Maria Lucreția, „Reviste literare postbelice ieșene (I)”, în *Dacia literară*, anul XXVII, 4 (143), 2016-2017, Iași, 2017, pp. 105-109.

Sturtzu, Maria Lucreția, „Reviste literare postbelice ieșene (II)”, în *Dacia literară*, anul XXVIII, 1(144), Iași, 2017, pp. 94-107.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

Sturtzu, Maria Lucreția, „Short history of post-war journalism from Iași”, Iulian Boldea et al. (coord.), *Identities in Metamorphosis. Literature, Discourse and Multicultural Dialogue*, Tîrgu-Mureș, Editura Arhipelag XXI Press, 2014, ISBN: 978-606-93691-9-7, pp. 967-972.

<http://www.upm.ro/ldmd/LDMD-02/Lit/Lit%2002%20C7.pdf>

Sturtzu, Maria Lucreția, „Corneliu Sturtzu – poet, călător între artă și sensibilitate”, în *Călătorul și călătoria. Studii de contactologie culturală*, Iași, Editura Universității „Al. I. Cuza”, 2015, ISBN: 978-606-714-212-9, pp. 75-83.

Sturtzu, Maria Lucreția, „The postwar period. Communism and literature”, în Iulian Boldea (coord.), *Discourse as a Form of Multiculturalism in Literature and Communication*, Tîrgu-Mureș, Editura Arhipelag XXI Press, 2015, ISBN: 978-606-8624-21-1, pp. 500-510.

- <http://www.upm.ro/ldmd/LDMD-03/Lit/Lit%2003%2048.pdf>
 Sturtzu, Maria Lucreția, „Iași postwar publishing sketch”, Iulian Boldea (coord.), *Globalization and National Identity. Studies on the Strategies of Intercultural Dialogue*, Tîrgu-Mureș, Editura Arhipelag XXI, 2016, ISBN: 978-606-8624-03-7, pp. 928-937.
- <http://www.upm.ro/gidni3/GIDNI-03/Lit/Lit%2003%2082.pdf>
 Sturtzu, Maria Lucreția, „A single magazine, two titles or a single vision, two magazines”, în Iulian Boldea, Cornel Sigmirean (ed.), *Multicultural Representations. Literature and Discourse as Forms of Dialogue*, Tîrgu Mureș, Arhipelag XXI Press, 2016, ISBN: 978-606-8624-16-7, pp. 548-555.
- <http://www.upm.ro/ldmd/LDMD-04/Lit/Lit%2004%2067.pdf>
 Sturtzu, Maria Lucreția, „Corneliu Sturtzu – Poet of the Arcades over Seasons”, în Iulian Boldea (ed.), *Literature, Discourse and the Power of Multicultural Dialogue*, Tîrgu Mureș, Arhipelag XXI Press, 2017, ISBN: 978-606-8624-12-9, pp. 373-380.
- <https://old.upm.ro/ldmd/LDMD-05/Lit/Lit%2005%2049.pdf>
 Sturtzu, Maria Lucreția, „Nicolae Labiş in Iaşul Nou”, în Iulian Boldea (Ed.) *Literature as Mediator. Intersecting Discourses and Dialogues in a Multicultural World*, Tîrgu-Mureș, Arhipelag XXI Press, 2018, ISBN: 978-606-8624-14-3, pp. 402-410. <https://old.upm.ro/ldmd/LDMD-06/Lit/Lit%2006%2058.pdf>

K. Participări la conferințe naționale și internaționale

- Conferința Internațională *Literature, Discourse and Multicultural Dialogue*, Institutul de Studii Multiculturale Alpha, în parteneriat cu Universitatea „Petru Maior” din Tîrgu-Mureș și Institutul de studii socio-umane „Gheorghe Șincai” al Academiei Române, 4-5 decembrie 2014 cu prelegerea *Short history of post-war journalism from Iași*.
- Conferința Internațională de Imagologie *Homo viator*, Departamentul de Științe Umane din Miercurea Ciuc al Universității Sapienția, în parteneriat cu Asociația de Hungarologie din România și cu Asociația de Literatură Generală și Comparată din România, 24-25 aprilie 2015, *Corneliu Sturtzu – poet, călător între artă și sensibilitate*.
- Simpozionul Internațional *Valențe europene ale românisticii actuale*, a XV-a ediție a Simpozionului anual internațional al Institutului de Filologie Română „A. Philippide”, 21-23 septembrie 2016, cu prelegerea *Corneliu Sturtzu – un poet pierdut sau pedepsit după 1989*.
- Conferința Internațională *Literature, Discourse and Multicultural Dialogue*, Institutul de Studii Multiculturale Alpha, în parteneriat cu Universitatea „Petru Maior” din Tîrgu-Mureș și Institutul de studii socio-umane „Gheorghe Șincai” al Academiei Române, 3-4 decembrie 2015 cu prelegerea *The postwar period. Communism and literature*.
- Conferința Internațională *Globalization, Intercultural Dialogue and National Identity*, Institutul de Studii Multiculturale Alpha, în parteneriat cu Universitatea „Petru Maior” din Tîrgu-Mureș și Institutul de studii socio-umane „Gheorghe Șincai” al Academiei Române, 27-28 mai 2016 cu prelegerea *Iași postwar publishing sketch*.
- Conferința Internațională *Literature, Discourse and Multicultural Dialogue*, Institutul de Studii Multiculturale Alpha, în parteneriat cu Universitatea „Petru Maior” din Tîrgu-Mureș și Institutul de studii socio-umane „Gheorghe Șincai” al Academiei Române, 8-9 decembrie 2016 cu prelegerea *A single magazine, two titles or a single vision, two magazines*.
- Conferința Internațională *Literature, Discourse and Multicultural Dialogue*, Institutul de Studii Multiculturale Alpha, în parteneriat cu Institutul de cercetări socio-umane „Gheorghe Șincai” al Academiei Române și cu Universitatea „Dimitrie Cantemir” din Tîrgu-Mureș, 15-16 octombrie 2017, cu prelegerea *Corneliu Sturtzu – Poet of the Arcades over Seasons*.
- Conferința Internațională *Literature, Discourse and Multicultural Dialogue*, Institutul de Studii Multiculturale Alpha, în parteneriat cu Institutul de cercetări socio-umane „Gheorghe Șincai” al

Academiei Române și cu Universitatea „Dimitrie Cantemir” din Fîrgu-Mureș, 8-9 decembrie 2018, cu prelegerea *Nicolae Labiș în Iayul Nou*

1. Alte realizări semnificative

Antologator

Corneliu Sturzu, *Neopaleografii. Antologie postumă*. Iași, Princeps Edit. 2006. ISBN: 973-7730-42-9.

Editor

Bîrșan, Angela, *Dreptul la vincurătate*. Baile Iușnad, Editura Promaris Print, 2009. ISBN: 973-88882-00-2.

Data: 30.08.2025

Lista de lucrări a cadrelor didactice în domeniul de studii universitare de licență

Numele și prenumele: Szőcs Attila

A. Teza de doctorat.

Modelul MIMC a valorii mărcii: Testarea specificației cauzale a valorii mărcii. 2012.
Universitatea Corvinus, Budapesta. Școala Doctorală de Științe Economice.

B. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în străinătate.

C. Capitole de cărți publicate în țară

Csata Andrea, György Ottilia, Nagy Benedek, Szőcs Attila și Tánczos József Levente (2014): Studiu analitic asupra economiei locale din Mircurea-Ciuc. In Perspective locale de dezvoltare, editor György Ottilia. Editura Scientia.

D. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

E. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe plan local.

F. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

G. Lucrări științifice publicate în reviste cotate ISI sau indexate în baze de date internaționale.

Sándor, Z., Szőcs, A. & Wildenbeest, M.R. The impact of brand equity on profit premium in an equilibrium framework. *Mark Lett* **35**, 423–438 (2024), 5-year Journal Impact Factor: **3.7 (2023)**.

H. Lucrări științifice publicate în reviste din străinătate.

1. Szőcs Attila (2004): *Purtătorii de imagine în afara sferei instituțiilor*, Budapest Management Review, XXXV. Ediție Specială, pp. 58, ISSN 0133-0179.
2. Szőcs Attila (2004-2005): *Economia comunicațiilor*, The Hungarian Journal of Marketing and Management, 38-39, 2004/6-2005/1, pp. 76, HU ISSN 1219-03-49
3. Szőcs Attila (2006): *Fundamentul științific a marketingului*, The Hungarian Journal of Marketing and Management. XL. 5-6. pp. 10, HU ISSN 12190349
4. Szőcs Attila (2007): *Marca: Ipostazele înțelesului*, Jel-Kép, 2, pp. 14, HU ISSN 0209584X, Budapesta.
5. Szőcs Attila și Berács József (2015): Estimarea cauzală a valorii mărcii. Szigma – Revista de matematică-economie (categoria B, Ungaria), XLVI, 1-2, 99-125.

I. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS.

1. Szőcs Attila (2006): Scurta critică a rolului lui Milton Friedman în filosofia științelor. *Közgazdász Fórum*, 5-2. pp. 13.
2. Szőcs Attila (2009): Marca. *Közgazdász Fórum*2, Vol.85, pp. 31-47. ISSN 15821986
3. Szőcs Attila (2014): Testing brand value measurement methods in a random coefficient modeling framework. *The Annals of the University of Oradea. Economic Sciences*, XXIII, 1st Issue, July.
4. Szőcs Attila (2014): Consumer-Based Brand Equity. *Journal of Economics and Business Research*, Vol. XX, No. 1, pp. 93-121, ISSN 2068 – 3537.
5. Szőcs Attila, Berács József (2014): Causal vs. reflective specification. A methodological review of structural equation modeling in marketing. *Economists' Forum / Közgazdász Fórum* . Vol. 17, No. 118, p3-16. P 14.
6. Szőcs Attila, Berács József (2015): A Causal Model of Consumer-Based Brand Equity. *Acta Universitatis Sapientiae, Economics and Business*, 3 (2015) 5–26

J. Lucrări științifice publicate în volumele conferințelor.

1. Szőcs Attila (2004): *The Multidimensionality of the Brand Concept*, International Conference on Marketing, November 5th-6th, Cluj Napoca, FSEGA, pp. 617, ISBN 973-656-851-2
2. Szőcs Attila (2005): *Consumer and Global Marketing Management: Benefits and Protection*, The Impact of European Integration on the National Economy – Marketing, 28-29 October, Cluj-Napoca, Romania, pp. 334, ISBN 973 751 83 6
3. Szőcs Attila (2005): *Controversies Related To The Main Marketing Concepts, Need For Refreshment*, 5th International Conference of PhD Students, 14-20 August, University of Miskolc, Hungary, pp. 387, ISBN 963 661 673 6
4. Szőcs Attila (2007): *The Social Dimension of the Power of the Brand*, 6th International Conference of PhD Students, Miskolc, August 12-18, pp. 691, ISBN 978-963-661-778-3.
5. Szőcs Attila (2008): *Using Elasticity and Concentration for Cartel Categorization*, International Innovation Conference for Cooperation and Development (InCoDe), October 16-18. Pécs, Ungaria. Coautori: Makó Zoltán și Burián Hunor, pp. 76, ISBN 978-963642248-6

6. Szőcs Attila (2008): *Categorization of cartels based on market factors using fuzzy information matrix*, International Conference on Marketing: Marketing – from information to decision, 30-31 October, Cluj Napoca, Romania. Coautori: Makó Zoltán și Burián Hunor, pp. 399, ISBN 978-606-504-054-0.
7. Berács J. și Szőcs A. (2009): *Brands as Leading Indicators of performance*. International Conference on Marketing – Marketing from Information to Decision 2nd Edition, 30-31 October, Cluj-Napoca, Romania.
8. Szőcs Attila, Burián Hunor și Makó Zoltán (2009): *Categorization of cartels based on market factors using fuzzy information matrix*, Conferința Politici economice – politici rurale: Provocarea de a fi membru al Uniunii Europene pe Ținutul Secuiesc, pp. 106-122. ISBN: 978.973.1970.24.0, Universitatea Sapientia, Miercurea Ciuc.
9. Szőcs Attila (2012): *Modelul MIMC a valorii mărcii: Testarea specificației cauzale a valorii mărcii*, Conferința Trenduri economice și antreprenoriale din depresiunea Carpaților. pp. 98-116, vol. 1, ISBN: 978-606-8052-76-2, Universitatea Sapientia, Miercurea Ciuc.
10. Berács J. și Szőcs A. (2012): The MIMIC model of the Consumer-Based Brand Equity: Testing the Causal Specification of Consumer Based Brand-Brand equity. 3rd EMAC CEE Regional Conference: Marketing Theory Challenges in Emerging Societies. 12-14 Septembrie, Belgrad.
11. Szőcs Attila, Csata Andrea și F. Király Gergely (2014): Conceptual model of the structural effect of brand equity on brand value. Natura-Econ 4 International Conference, Environmental Dynamics under the Impact of Economic Trends – Realities and Perspectives. Martie 7, Sfântu Gheorghe.
12. Szőcs Attila (2016): Testing brand value measurement methods in a random coefficient and limited consumer information modeling framework (abstract only). Marketing in the age of data - International conference of the European Marketing Academy, Oslo, May 24-27.
13. Szőcs Attila (2025): Determinants of consumer intentions to attend theatre performances: the case of Csíki Játékszín. 17th Annual International Conference on Economics and Business, Challenges in the Carpathian Basin. Editura Risoprint.
14. Szőcs Attila și Bencze Tímea (2025): Business application of framing. 17th Annual International Conference on Economics and Business, Challenges in the Carpathian Basin. Editura Risoprint.

K. Participatie la conferinte

1. Szőcs Attila (2004): *The Multidimensionality of the Brand Concept*, International Conference on Marketing, November 5th-6th, Cluj Napoca, Romania, pp. 617, ISBN 973-656-851-2

2. Szőcs Attila (2005): *Consumer and Global Marketing Management: Benefits and Protection*, The Impact of European Integration on the National Economy – Marketing, 28-29 October, Cluj-Napoca, Romania, pp. 334, ISBN 973 751 83 6
3. Szőcs Attila (2008): *Using Elasticity and Concentration for Cartel Categorization*, International Innovation Conference for Cooperation and Developement (InCoDe), October 16-18. Pécs, Ungaria. Coautori: Makó Zoltán și Burián Hunor, pp. 76, ISBN 978-963642248-6
4. Szőcs Attila, Burián Hunor și Makó Zoltán (2008): *Categorization of cartels based on market factors using fuzzy information matrix (2008)*: International Conference on Marketing: Marketing – from information to decision, 30-31 October, Cluj Napoca, Romania. pp. 399, ISBN 978-606-504-054-0.
5. Berács J. și Szőcs A. (2009): *Brands as Leading Indicators of performance*. International Conference on Marketing – Marketing from Information to Decision 2nd Edition, 30-31 October, Cluj-Napoca, Romania.
6. Szőcs Attila, Burián Hunor și Makó Zoltán: *Categorization of cartels based on market factors using fuzzy information matrix (2009)*, Conferința Politici economice – politici rurale: Provocarea de a fi membru al Uniunii Europenepe Ținutul Secuiesc, pp. 106-122. ISBN: 978.973.1970.24.0, Universitatea Sapientia, Miercurea Ciuc.
7. Szőcs Attila (2012): *Modelul MIMC a valorii marcii: Testarea specificației cauzale a valorii mărcii*, Conferința Trenduri economice și antreprenoriale din depresiunea Carpaților. pp. 98-116, vol. 1, ISBN: 978-606-8052-76-2, Universitatea Sapientia, Miercurea Ciuc.
8. Berács József și Szőcs Attila (2012): The MIMIC model of the Consumer-Based Brand Equity: Testing the Causal Specification of Consumer Based Brand-Brand equity. 3rd EMAC CEE Regional Conference: Marketing Theory Challenges in Emerging Societies. 12-14 Septembrie, Belgrad.
9. Szőcs Attila, Csata Andrea și F. Király Gergely (2014): Conceptual model of the structural effect of brand equity on brand value. Natura-Econ 4 International Conference, Environmental Dynamics under the Impact of Economic Trends – Realities and Perspectives. Martie 7, Sfântu Gheorghe.
10. Szőcs Attila (2014): Testing brand value measurement methods in a random coefficient modeling framework. EINCO 2014, 30-31 mai, Oradea.
11. Szőcs A. (2014): Testing brand value measurement methods in a random coefficient modeling framework. 5th EMAC CEE Regional Conference: Marketing Theory Challenges in Emerging Societies. 24-26 Septembrie, Katowice.
12. Szőcs Attila și Sándor Zsolt (2015): Testing Brand Value Measurement Methods in an Equilibrium Framework with Consumer Heterogeneity. ISMS Marketing Science Conference, Baltimore.

13. Szőcs Attila (2016): Testing brand value measurement methods in a random coefficient and limited consumer information modeling framework. Marketing in the age of data - International conference of the European Marketing Academy, Oslo, May 24-27.
14. Sándor Zsolt, Szőcs Attila, Matthijs Wildenbeest (2019): Properties of Profit Premium in an Equilibrium Framework. 2019 International Industrial Organization Conference, Boston, Industrial Organization Society, pp. 1–30.
15. Szőcs Attila, Sándor Zsolt (2021): Properties of Brand Value Measures in an Equilibrium Framework. 15th International Conference on Economics and Business, CHALLENGES IN THE CARPATHIAN BASIN, Global Challenges - Local Answers, Martie 3, 2021.
16. Szőcs Attila (2025): Determinants of consumer intentions to attend theatre performances: the case of Csíki Játékszín. 17th Annual International Conference on Economics and Business, Challenges in the Carpathian Basin. Editura Risoprint.
17. Szőcs Attila și Bencze Tímea (2025): Business application of framing. 17th Annual International Conference on Economics and Business, Challenges in the Carpathian Basin. Editura Risoprint.

L. Invenții.

M. Contracte de cercetare.

N. Premii, distincții.

Cea mai bună publicație a anului 2015, acordată de secțiunea Marketing a Academiei Maghiare de Științe pentru publicația:

Szőcs Attila și Berács József (2015): Estimarea cauzală a valorii mărcii. Sigma – Revista de matematică-economie (categoria B, Ungaria), XLVI, 1-2, 99-125.

O. Alte realizări semnificative.

Data,
09.09.2025

Szőcs Attila

Lista de lucrări în domeniul de știință definit de disciplinele din postul scos la concurs

NUMELE ȘI PRENUMELE: TAR GYÖNGYI

I. LISTA PUBLICAȚIILOR RELEVANTE

Tar Gy, Ábrám Z. – A romániai lakossági egészségfelmérés és a magyarországi OLEF 2003 és MIKROLEF 2007 módszertani összehasonlítása; Magyar Epidemiológia, 2009; VI (1): 110-111.

Abram Zoltan, Domokos Laszlo, Gáspárik Andrea Ildikó, Finta Hajnal, Nadasan Vasile, Szasz Zsuzsanna, Tar Gyongyi - Data regarding the psychological health state of the Romanian population; Journal of Psychological Research, 2011, 70: 580-623

Tar Gy, Ábrám Z. – Efectele tardive ale Programului național de evaluarea stării de sănătate a populației în județul Harghita; în Evaluarea și Promovarea Sănătății, Ministerul Sănătății, Institutul Național de Sănătate Publică, București, 2011, ISBN:973-877778-8-7.

Tar Gy, Ábrám Z, Finta H. – Istoricul și metoda monitorizării stării de sănătate a populației în Ungaria; Acta Medica Transilvanica, 2012; 2(2):7-9.

Ábrám Z, Tar Gy. – Health education of mothers about their girls' vaccination; Procedia – Social and Behavioral Sciences, 2012; 46: 5330-5334.

Ábrám Z, Tar Gy, Finta H. – A romániai országos egészségfelmérő program eredményei és eredménytelensége, 2012; Orvostudományi Értesítő 85 (1): 31-35.

Tar Gy, Ábrám Z. – Impactul Programului Național privind Evaluarea a Stării de Sănătate a Populației asupra medicilor de familie din județul Harghita; Practica Medicală, 2012; VII(28) : 255-262.

Tar Gy. – Starea de sănătate a populației; Viața Medicală; 2013; 1210(12): 1-3.

Ábrám Z., Tar Gy.: A romániai országos egészségfelmérő program elemzése (Analiza Programului Național de Evaluare a Sănătății), in Albert-Lőrincz M.: Az egészség társadalmi értéke: pszichoszociológiai írások, Sapientia Könyvek 82, Scientia Kiadó, Kolozsvár, 2014

Tar Gy. – Antibioticele: o armă letală cu două tăișuri; Viața Medicală, 2015; 1350(48):6.

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

Analiza comparativă a metodelor folosite pentru evaluarea stării de sănătate a populației în România și Ungaria, conducător științific Prof. Univ. Dr. Ábrám Zoltán, Școala Doctorală A Universității De Medicină Și Farmacie Târgu Mureș, calificativ FB

B. Cărți publicate

B1. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

B3. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

B5. Capitole de cărți publicate în străinătate

B6. Capitole de cărți publicate în țară

Tar Gy, Ábrám Z. – Efectele tardive ale Programului național de evaluarea stării de sănătate a populației în județul Harghita; în Evaluarea și Promovarea Sănătății, Ministerul Sănătății, Institutul Național de Sănătate Publică, București, 2011, ISBN:973-877778-8-7.

Ábrám Z., Tar Gy.: A romániai országos egésségfelmérő program elemzése (Analiza Programului Național de Evaluare a Sănătății), în Albert-Lőrincz M.: Az egésség társadalmi értéke: pszichoszociológiai írások, Sapientia Könyvek 82, Scientia Kiadó, Kolozsvár, 2014

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

Fodor, H.P.; Dávid, H.; Czont, A.; Miklóssy, I.; Orbán, K.-C.; Tar, G.; Fodor, A.; Kovács, Z.; Albert, B.; Salamon, P. Enhanced Gait Recovery in Chronic Post-COVID-19 Stroke: The Role of Combined Physical Rehabilitation. Reports 2023, 6, 51.

P. Salamon, C. K. Orban, K. Molnar-Nagy, Z. Kovacs, K. Vancsa, E. Balint, I. Miklossy, B. Albert, G. Tar, and S. Lanyi, "Study of native SMAC protein production in the pUbiq expression system: Molecular cloning, biosynthesis and molecular modelling," Electronic Journal Of Biotechnology, vol. 56, pp. 39–46, 2022.

Ábrám Z, Tar Gy. – Health education of mothers about their girls' vaccination; Procedia – Social and Behavioral Sciences, 2012; 46: 5330-5334.

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

Tar Gy, Ábrám Z. – A romániai lakossági egésségfelmérés és a magyarországi OLEF 2003 és MIKROLEF 2007 módszertani összehasonlítása; Magyar Epidemiológia, 2009; VI (1): 110-111.

Ábrám Z, Tar Gy, Gáspárik I. – A romániai országos egésségfelmérő program elemzése és összehasonlítása a magyarországi lakossági egésségfelmérésekkel; Magyar Epidemiológia, 2012; IX (1): 7-13.

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).

Tar Gy, Ábrám Z. – A fost odată, ca niciodată program național de evaluare a stării de sănătate a populației în România; Orvostudományi Értesítő, 2010; 83 (suppl 1): 52-53.

Tar Gy, Ábrám Z. – Evaluarea evaluării (PNESSP văzut de medicii de familie din județul

Harghita; Orvostudományi Értesítő, 2011; 84 (suppl. 1): 52.

Ábrám Z, Tar Gy, Finta H. – A romániai országos egészségfelmérő program eredményei és eredménytelensége, 2012; Orvostudományi Értesítő 85 (1): 31-35.

Tar Gy, Ábrám Z, Finta H. – Istoricul și metoda monitorizării stării de sănătate a populației în Ungaria; Acta Medica Transilvanica, 2012; 2(2):7-9.

Tar Gy, Ábrám Z. – Impactul Programului Național privind Evaluare a Stării de Sănătate a Populației asupra medicilor de familie din județul Harghita; Practica Medicală, 2012; VII(28) : 255-262.

C5. Lucrări științifice publicate în reviste, altele decât cele menționate anterior

Tar Gy. – Egészségünk! A légszennyezés hatása a lakosság egészségére; Légszennyezés és az alternatív közlekedési eszközök, Consiliul Județean Harghita, Miercurea-Ciuc, 2011.

Ábrám Z, Tar Gy, Finta H. – Országos egészség-felmérési program: miért nem lett belőle semmi? 2011 URL: <http://eletmod.transindex.ro/?cikk=15911&nyomtat=1>

Tar Gy. – Ce ne lipsește pentru o discuție serioasă despre noua lege a sănătății; Viața Medicală, 2012; 1163(17): 1-3.

Tar Gy. – Destructurarea organizatorică a rețelei de sănătate publică?; Viața Medicală; 2013; 1211(13): 1-3.

Tar Gy. – Starea de sănătate a populației; Viața Medicală; 2013; 1210(12): 1-3.

Tar Gy. – Antibioticele: o armă letală cu două tăișuri; Viața Medicală, 2015; 1350(48): 6.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

Finta H, Ábrám Z, Tar Gy et al. – Importanța programului de evaluare a stării de sănătate și particularitățile lui în județul Harghita; Revista de Medicină și Farmacie, UMF Tg. Mureș, 2008, (54): 142.

Finta H, Ábrám Z, Tar Gy. – A romániai Országos Egészségfelmérő Program jelentősége és Hargita megyei vonatkozásai; Magyar Epidemiológia, Magyar Epidemiológiai Társaság, Ungaria, 2008; V (Suppl. 2): 141-142.

Tar Gy, Ábrám Z. – Aki sokat markol keveset fog? - avagy a romániai lakossági egészségfelmérés és a magyarországi egészségfelmérések módszertani összehasonlítása; Congresul NETT XVII; Târgu Mureș, 2009

Abram Zoltan, Domokos Laszló, Gáspárik Andrea Ildikó, Finta Hajnal, Nadasan Vasile, Szasz Zsuzsanna, Tar Gyongyi - Data regarding the psychological health state of the Romanian population; Journal of Psychological Research, 2011, 70: 580-623

Tar Gy. – Medicina bazată pe dovezi în sănătate publică (Analiza comparativă a monitorizării stării de sănătate în Ungaria și România); Zilele Medicale Transilvănene ed.XVI, Miercurea-Ciuc, 2012.

Tar Gy. – Kórház decentralizálás székely módra; Magyar Kórházszövetség XXVII. Kongresszusa, Debrecen, Ungaria, 2015.

Tar Gy. – Legyen Magyar Kórház Erdélyben?; Magyar Kórházszövetség XXVIII. Kongresszusi kiadványa, Siófok, Ungaria, 2016.

D. Traduceri de cărți, capitole de cărți, alte lucrări științifice

E. Editare, coordonare de volume

F. Brevete de invenții și alte titluri de proprietate

G. Contracte de cercetare (menționați calitatea de director sau membru)

SIDA și infecția HIV la copii instituționalizați din Banat - proiect cercetare finanțat de Fundația Pentru o Societate Deschisă Soros 15 oct. 1993 – 31 dec 1994 cu 1500 USD Lucrare SIDA și infecția HIV la copii instituționalizați din Banat, director, publicată integral în periodicul fundației.

MEDUCATION perfecționarea și educația medicală continuă a medicilor din regiunea Harghita, Covasna și Mureș – proiect de cercetare-educare finanțat în perioada 01.09.1999-30.06.2000 de Fundația Pentru o Societate Deschisă București, Filiala Cluj cu 6100 USD, director.

Erdélyi orvosok anyanyelvű szakmai továbbképzése -grant acordat în perioada 30.06.2000 25.02.2001 de către „Mocsáry Lajos Alapítvány” din Ungaria în valoare de 570.000 ft, director.

H. Creația artistică

H1 Participări la manifestații artistice internaționale

H2. Participări la manifestații artistice naționale

H3. Expoziții, filme, spectacole, concerte, discuri de autor, opere internaționale

H4. Expoziții, filme, spectacole, concerte, discuri de autor, opere naționale

H5. Produse cu drept de proprietate intelectuală în domeniul artistic

III. RECUNOAȘTEREA

I. Premii, distincții.

J. Citări

K. Alte realizări semnificative.

Data, 12.10.2021

Semnătura,