Lista de lucrări în domeniul de studii universitare de licenţă biologie

Numele şi prenumele: ***Csató-Kovács Erika***

A. Teza de doctorat

Expresia heterologă și purificarea proteinei GITRL, un potențial marker tumoral. 2011. Universitatea Politehnica din Bucureşti, Facultatea de Chimie Aplicată şi Ştiinţa 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 génsebész 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 ştiinţifice publicate

C1. Lucrări ştiinţifice 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., Tőrsők, 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
3. Bodor, Zs., Fazakas (Iuhász), A., **Kovács, E**., Lányi, Sz., Albert, B., Using genome-scale model to predict the metabolic engineering impact on *Escherichia coli* metabolism during succinic acid production optimization, Romanian Biotechnological Letters, 2020, 25(3): 1666-1676. IF: NA
4. Bálint, J., Benedek, K., Loxdale, H.D., **Kovács, E.,** Ábrahám, B., Balog, A.., How host plants and predators influence pea aphid (Acyrthosiphon pisum Harris) populations in a complex habitat. North-Western Journal of Zoology, 2018, 14(2): 149-158. IF = 0.843.
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
6. Felföldi, T., Fikó, R.D., Mentes, A., **Kovács, E.,** Máthé, I., Schumann, P., Tóth, E., *Quisquiliibacterium transsilvanicum* gen. nov., sp. nov., a novel betaproteobacterium isolated from a waste-treating bioreactor. Int. J. Syst. Evol. Microbiol., 2017, 67(11): 4742-4746. IF = 2.134
7. Bálint, J., Benedek, K., Loxdale, H.D., **Kovács, E.,** Ábrahám, B., Balog, A., How host plants and

predators influence pea aphid (Acyrthosiphon 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
9. Domokos, E., Bíró-Janka, B., **Kovács, E.,** Ábrahám, B., Balog, A., Genetic variability of the green peach aphid (Myzus persicae) populations in different host plants. North-Western Journal of Zoology, 2015, 11(2): 369-371. IF = 0.539
10. Felföldi, T., **Kovacs, E.,** Fikó, D.R., Tankó, G., Szabó, A. Nagymáté, Z., Szilveszter, S., Máthé, I., Unconventional strategies for the cultivation of new bacterial strains from aquatic environments. *Acta Microbiol. Immunol. Hung.* 2015, 62: 150–151. IF =0.72
11. Benedek, K., Bálint, J., Salamon, R. V., **Kovács, E.,** Ábrahám, B., Fazakas, Cs., Loxdale, H.D., Balog, A., Chemotype of tansy (*Tanacetum vulgare L.)* determines aphid genotype and its associated predator system. Biological Journal of the Linnean Society, 2015, 114(3): 709-719. IF = 1.984
12. Bodor, Zs., Fazakas (Iuhasz), A., **Kovács, E.,** Lányi, Sz., Albert, B., Biotechnological production of succinic acid from glycerol; the role of co-substrates. Studia Universitatis Babes-Bolyai, Seria Chemia, 2014, Iss. 2, 55: 33-35. IF = 0.191
13. 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, 2014, 19(4): 9625-9636. IF = 0.404
14. Fazakas (Iuhasz), 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, 2014, Iss. 1, 55: 177-185. IF = 0.191
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
17. **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, 2009, Special Issue 2, 54: 83-92. IF = 0.089
18. Pálfi, M., **Kovács, E.,** Miklóssy, I., Szilágyi, L., Ábrahám, B., Lányi, Sz., Engineered Green Fluorescent Protein as a Potential Metal Sensor. Studia Universitatis Babes Bolyai Seria Chemica, 2009, Special Issue 2, 54: 35-44. IF = 0.089

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale (indicaţi şi baza de date)

19. Csitári, B., Fikó, D.R., **Kovács, E.**, Szabó, A., Jurecska, L., Mentes, A., Táncsics, A., Máthé, I., Felföldi. T., Fenolos vegyületek mikrobiológiai lebontásának vizsgálata természetes és mesterséges környezetekben (Examination the microbial degradation of phenolic compounds in natural and artificial environments). Hidrológiai Közlöny, 2016, Special Issue, 96: 26-31. (in Hungarian, with English abstract) [Chemical Abstracts, Water Resources Abstracts]
20. Felföldi, T., **Kovács, E.**, Fikó, D.R., Tankó, Gy., Szabó, A., Hagyományostól 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, Cambidge 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, Cambidge 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.]

C4. Lucrări ştiinţifice publicate în reviste din ţară, recunoscute CNCSIS (altele decât cele din baze de date internaţionale)

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 ştiinţifice publicate în reviste, altele decât cele menţionate 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 ştiinţifice publicate în volumele manifestărilor ştiinţifice

29. Albert, Cs., **Kovács, E.,** Lányi, Sz., Csapó, J., Salamon, Sz., Csapó, J., A mikrohullámú pasztőrözés hatása a tej összetételére II. B1-, B2-, B6-, B12- és C-vitamin-, hasznosíthatólizin-, lizino-alanin-, hidroxi-metil-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 (menţionaţi calitatea de director sau membru)

1. Programul POC/161/6/3/ Dezvoltarea unei tehnologii de producţie de anticorpi monoclonali la sediul firmei SC CORAX-BIONER CEU SA/ANTICORP, 2021-2023, membru
2. Izolarea de noi tulpini bacteriene cu potenţiale aplicaţii în bioremediere şi în biotehnologie – CNCS-UEFISCDI: PN-II-RU-TE-2012-3-0319 (2013-2015), membru
3. Biopreparate microbiene pentru creşterea calităţii furajelor însilozate – SILOPREP: POS 2.1.1, grant nr. 565/09.09.2013. (2013-2015), membru
4. Programul PNCDI2/ Synthesis of some C4, C5 carboxilic 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 obţinerea 1,4-butandiolului din glucoză şi glicerină şi conversia catalitică a acestuia la compuşi 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 Termostabile Recombinante, Obtinute prin Expresie Heterologa Extracelulara – Bio-DesEnEx, Nr. Contract: 62-090/01.10.2008 (2008-2011), membru

K. Participări la conferinţe naţionale şi internaţionale

1. Ilkei, K.-I., **Csató-Kovács, E**., Albert, Cs., Gyöngyvér, M., Gut microbiome structure and metabolic activity in type 2 diabetic patient, *23st 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. Tőrsők, B., **Csató-Kovács, E.,** Bodor, Zs., Analysis of Escherichia coli ΔfumA'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 Gudor, Szilvia Fikó-Lászlo, 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 Mureş, 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 Mureş, 10-15 July 2023.
8. **Csató-Kovács, E**., Nagy, K., Fikó, D.R., Máthé, I., Identification and examination of phenol biodegradation pathways of Acinetobacter towneri isolated from landfill leachate Cekend, Harghita country. *6th International Conference on Chemical Engineering (ICCE 2022),* Iasi, 5 – 7 October 2022.
9. Tőrsők, 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.

11. Mara, Gy., Vincze, B., Salamon R.-V., **Kovács, E**., Effect of metal tolerant PGPR bacteria on plant growth, metal uptake and stress responses. *3rd International Conference on Chemical Engineering, ICCE 2016* - Romania, Iasi, 09 – 11 November 2016.
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., Táncsics, 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., Hagyományostól 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 reneable resources using *Escherichia coli*, *1st EuCheMS Congress on Green and Sustainable Chemistry*, Budapest, Hungary, 13-l5 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.
26. **Kovács, E.**, Iuhász, A., Szilágyi, L., Pálfi, M., Petres , J., Lányi, Sz., Ábrahám, B., Construction of an expression vector for periplasmic secretion of human GITRL, 17th *International Conference of Chemistry*, Cluj Napoca, 3-6 nov. 2011.
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.

28. **Kovács, E.**, Szabó, M., Szilágyi, L., Ábrahám, B., Lányi, Sz., Efficient refolding of the recombinant human glucocorticoid-induced TNF receptor-related ligand produced in *E. coli* as inclusion bodies, *17th Romanian International Conference on Chemistry and Chemical Engineering*, Sinaia, 7-10 sept. 2011.
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 sep. 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., Caracterization 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, C*hemical 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, C*hemical Engineering Days'*10, Veszprém, Hungary, 27-29 apr. 2010.
36. **Kovács, E.**, Pálfi, M., Bálint, E., Szilágyi, L., Miklóssy, I., Ábrahám, B., Lányi, Sz., Comparation of the human GITRL production in diverse bacterial expression system, *Conferinţa Zilele Ştiinţei, Asociaţia 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?, *Conferinţa Zilele Ştiinţei, Asociaţia 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 Mureş, 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 Mureş, 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 Mureş, 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 pasztőrözés hatása a tej összetételére II. B1-, B2-, B6-, B12- és C-vitamin-, hasznosíthatólizin-, 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, distincţii.

- 2010 (1 lună) Bursă de cercetare - Domus, Academia de Ştiinţe 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 tânări

J. Citări

Citări Google Scholar
Citări: 104
h-index= 5

18.10.2026 dr. Csató-Kovács Erika