

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

NUMELE ȘI PRENUMELE: MIKLÓSSY ILDIKÓ

I. LISTA PUBLICAȚIILOR RELEVANTE

1. 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, nr. de citări: 0).
2. 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, 76 (2), p. 325-329., 2010, (IF: 1.150, nr. de citări: 4).
3. 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, (Special Issue): p. 5-9, 2010, (IF: 0.231, nr. de citări: 0)
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 "Babeș Bolyai", Seria Chemica, 55, Special Issue 9-22, 2010, (IF: 0.231, nr. de citări: 0).
5. 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 Chemica, Special Issue 23-30, 2010, (IF: 0.231, nr. de citări: 0).
6. 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 "Babeș Bolyai", Seria Chemica, Special Issue 45-52, ISSN 1224-7154, 2010, (IF: 0.231, nr. de citări: 0).
7. 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, (IF: 0.231, nr. de citări: 0).
8. 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, (IF: 0.089, nr. de citări: 0).
9. **Miklóssy, I.**, Szilágyi, L., Ábrahám, B., Szilveszter, Sz., Lányi, Sz., *Obtention of the Ancestral Proteinase Stemzyme-IDP- β by Heterologous Expression*, Studia Universitatis "Babeș Bolyai", Seria Chemica, Special Issue 2, p. 11, ISSN 1224-7154, 2009, (IF: 0.089, nr. de citări: 0).

10. 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, (IF: 0.089, nr. de citări: 0).

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

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

Departamentul de Chimie Analitică și Ingineria Mediului

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. 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, nr. de citări: 0).
2. 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, 76 (2), p. 325-329., 2010, (IF: 1.150, nr. de citări: 6).

Citări:

- Frerichs, J., Rakoczy, J., Ostertag-Henning, C., Krüger, M., Viability and adaptation potential of indigenous microorganisms from natural gas field fluids in high pressure incubations with supercritical CO₂, 2014, Environmental Science and Technology

Zani, F., Veneziani, C., Bazzoni, E., (...), Caponetti, G., Bettini, R., Sterilization of corticosteroids for ocular and pulmonary delivery with supercritical carbon dioxide, 2013, International Journal of Pharmaceutics

Kirk, M.F., Santillan, E.F.U., McGrath, L.K., Altman, S.J., Variation in hydraulic conductivity with decreasing pH in a biologically-clogged porous medium, 2012, International Journal of Greenhouse Gas Control

Sikin, A.M., Rizvi, S.S.H., Recent patents on the sterilization of food and biomaterials by supercritical fluids, 2011, Recent Patents on Food, Nutrition and Agriculture

Kirk, M.F., Variation in energy available to populations of subsurface anaerobes in response to geological carbon storage, 2011, Environmental Science and Technology

Karajanagi, S.S., Yoganathan, R., Mammucari, R., (...), Langer, R., Foster, N.R., Application of a dense gas technique for sterilizing soft biomaterials, 2011, Biotechnology and Bioengineering

3. 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, (Special Issue): p. 5-9, 2010, (IF: 0.231, nr. de citări: 0)
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, (IF: 0.231, nr. de citări: 0).
5. Both, E., György É., Ábrahám, B., **Miklóssy, I.**, Lányi, Sz., *Selection of lactic acid bacteria isolated from traditionally manufactured cheeses*, Studia Universitatis "Babeş Bolyai", Seria Chemica, Special Issue 23-30, 2010, (IF: 0.231, nr. de citări: 0).
6. Gálicza, J., Orbán, K.Cs., Kilár, F., **Miklóssy, I.**, B. Ábrahám, Sz. Lányi, *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, (IF: 0.231, nr. de citări: 0).
7. 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, (IF: 0.231, nr. de citări: 0).
8. 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, (IF: 0.231, nr. de citări: 0).
9. 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, (IF: 0.089, nr. de citări: 0).
10. 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, (IF: 0.089, nr. de citări: 0).
11. **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, (IF: 0.089, nr. de citări: 0).
12. 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, (IF: 0.089, nr. de citări: 0).
13. 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, (IF: 0.089, nr. de citări: 1).

Citări:

- Szilveszter, Sz., Raduly, B., Abraham, B., Lányi, Sz.: *In situ imaging of biopolymers and extracellular enzymes in activated sludge flocs of a municipal wastewater treatment plant*, Journal of Chemical Technology & Biotechnology (Impact Factor: 2.5). 12/2012; DOI: 10.1002/jctb.3975.

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, (nr. de citări: 0).
2. 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 CABI, Copernicus, Cambridge Scientific Abstracts, CAS, (nr. de citări: 1).

Citări:

- Pawel, M., Gawronska, B., Marciniuk, J., Joachimiak, A. J.: *Taxonomic individuality of Leonurus cardiaca and Leonurus quinquelobatus in view of morphological and molecular studies*, Plant Systematics and Evolution (Impact Factor: 1.31). 01/2013; DOI: 10.1007/s00606-013-0878-x.
3. 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, (nr. de citări: 2). (Inspec, Scopus, Cambridge Scientific Abstracts)

Citări:

- Arena, M. P., Caggianiello, G., Fiocco, D., Russo, P., Torelli, M., Spano, G., Capozzi, V.: *Barley β -Glucans-Containing Food Enhances Probiotic Performances of Beneficial Bacteria*, International Journal of Molecular Sciences (Impact Factor: 2.46). 01/2014; 15(2):3025-39. DOI: 10.3390/ijms15023025.
 - Vaghef-Mehrabany, E., Beitullah, A., Homayouni-Rad, A., Shakineh-Khatoun, S., Asgari-Jafaradabi, M.: *Probiotic supplementation improves inflammatory status in patients with rheumatoid arthritis*, Nutrition (Impact Factor: 2.86). 12/2013; DOI: 10.1016/j.nut.2013.09.007
4. 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, (nr. de citări: 0).

5. 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, (nr. de citări: 0).
6. 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, (nr. de citări: 0).
7. 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, (nr. de citări: 0).

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. Participări la conferințe internaționale

1. **MIKLÓSSY I.**: BODOR, Zs, SINKLER, R. ORBÁN, K. Cs., ÁBRAHÁM, B.: LÁNYI, Sz.; Contributions to engineering a new four-step biosynthetic pathway for 1,4-butanediol in E. coli. ; *20th International Conference on Chemistry*; 06.11-2014-09.11.2014; Cluj Napoca, 2014
2. BÁLINT E., SZILÁGYI L., **MIKLÓSSY I.**, LÁNYI Sz., ÁBRAHÁM B. Obtention of the C166A Granzyme H Mutant for Refolding Optimization. *XVII.Th International Conference Of Chemistry*, Cluj Napoca, 3-6 nov. **2011**.
3. Emese-Éva Bálint, László Szilágyi, **Ildikó Miklóssy**, Beáta Ábrahám, Szabolcs Lányi. Design of secretion vector constructs for Granyzme H expression. 17th Romanian International Conference on Chemistry and Chemical Engineering- RICCCE XVII, , Sinaia, 7-10 septembrie, 2011
4. Szabó P. 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**
5. 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**.

6. Szabó P. 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**.
7. Bálint Emese-É., **Miklóssy I.**, Szilágyi L., Ábrahám B., Lányi Sz., Heterologous expression of Granzyme H in *Escherichia coli* (Expresia heterologă a Granzime H în *Escherichia coli*), XVI.th International Conference on Chemistry, Cluj Napoca, 11-14 nov. 2010. p.18.
8. Both E., György É., Ábrahám B., **Miklóssy, I.**, Lányi Sz.. Selection of lactic acid bacteria isolated from traditionally manufactured cheeses.), XVI.th International Conference on Chemistry, Cluj Napoca, 11-14 nov. 2010. p. 21.
9. Kovács E., Pálfi M., **Miklóssy I.**, Szilágyi L., Ábrahám B., Lányi Sz., A fúziós fehérjeként expresszált humán GITRL tisztítása és hasítása, (Purification and cleaving of the human GITRL expressed as fusion protein), XVI.th International Conference on Chemistry, Cluj Napoca, 11-14 nov. 2010. p.31.
10. Orbán, K.Cs., Bodor, Zs., Ábrahám, B., **Miklóssy, I.**, Sinkler, R., Lányi Sz. Heterolog expression of *Bacillus licheniformis* alpha-amylase in *Pichia pastoris*. XVI.th International Conference on Chemistry, Cluj Napoca, 11-14 nov. 2010. p.39.
11. Szabó (Pálfi), M., Kovács, E., **Miklóssy, I.**, Szilágyi, L., Ábrahám, B., Lányi Sz. Comparative study of spectral properties of EGFP mutants. XVI.th International Conference on Chemistry, Cluj Napoca, 11-14 nov. 2010. p.40.
12. Gálicza, J., Vargová, A., Sándor, V., Páger, Cs., Ábrahám, B., **Miklóssy, I.**, Kilár, F., Lányi Sz. Preparation of transferring-iron(III) complexes and its analysis with capillary electrophoresis. XVI.Th International Conference on Chemistry, Cluj Napoca, 11-14 nov. 2010. p. 83.
13. Márton, M., Ábrahám, B., **Miklóssy, I.**, Lányi Sz. Lavric, V. Radish sprouts extract effect on . 16th International Conference of Chemistry. Cluj Napoca, 2010. november 11-14. p. 89.
14. Kovács E., Pálfi M., Szilágyi L., Ábrahám B., Miklóssy I., Lányi Sz., A humán GITRL extracelluláris részének expressziója fúziós fehérjeként, (Expression of the extracellular region of human GITRL as fusion protein), Chemical Engineering Days'10, Veszprém, Hungary, 27-29 apr. 2010.
15. Bálint, E., **Miklóssy I.**, Bogdán Á., Szilágyi L., Ábrahám B., Lányi Sz.: Granzim H heterológ expressziója *Escherichia coli*-ban (Heterologous expression of Granzyme H

in Escherichia coli / Expresia heterologă a Granzimei H în Escherichia coli), Conferința Zilele Științei, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010

16. J, Gálicza, A. Vargová, Cs. Páger, V. Sándor, R. Fodor, **I. Miklóssy**, B. Ábrahám, Sz. Lányi, F. Kilár, Preparation and investigation of bioactive transferrin-iron complexes formed with different synergistic anions, 25th International Symposium of Microscale Bioseparation, Prague, Czech Republic, 21-25 March 2010.
17. Kovács, E., Pálfi, M., Bálint, E., Szilágyi, L., **Miklóssy, I.**, Ábrahám, B., Lányi, Sz.: A humán GITRL előállításának összehasonlítása különböző expressziós rendszerekben (Comparation of the human GITRL production in diverse bacterial expression system, Compararea expresiei ligandului uman GITRL în diferite sisteme de expresie), Erdélyi Múzeum Egylet - Őszi Tudományos Konferencia (Őtk'10), Kolozsvár, (Conferința Zilele Științei, Asociația Muzeului Ardelean, Cluj Napoca), 2010 november 20
18. **Miklóssy, I.**, Szilágyi, L., Bálint, E., Ábrahám, B., Lányi, Sz.: Stemzyme IDP-β expressziója eukariota expressziós rendszerekben (Heterologous expression of Stemzyme IDP-β in eucaryotic systems/Expresia stemzymei IDP-β în sistem eucariot), Conferința Zilele Științei, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010
19. Pálfi M., Kovács E., Szilágyi L, **Miklóssy I.**, Ábrahám, B., Lányi, Sz., Fémkötő zöld fluoreszcens fehérje mutánsok előállítása és jellemzése (Obtaining and characterization of metal binding green fluorescent protein mutants) Chemical Engineering Days'10, Veszprém, Hungary, 27-29 apr. 2010.
20. Pálfi, M., Kovács, E., **Miklóssy, I.**, Bálint, E., Szilágyi, L., Ábrahám, B., Lányi, Sz.: A módosított GFP lehet egyszerre receptor és riporter molekula? (Modified GFP can serve as a receptor and riporter molecule in the same time? Proteina GFP modificată poate servi ca moleculă receptor și riporter în același timp?), Conferința Zilele Științei, Asociația Muzeului Ardelean, Cluj Napoca, 20 noiembrie, 2010
21. B. Abraham, **I. Miklóssy**, E. É. Bálint, É. Harai, Cs. Orbán, Sz. Lányi, Conservation implication 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 septembrie, 2009.
22. Balint E. E., Abraham B., **Miklossy I.**, Orban Cs., Bodor Zs., Lanyi Sz., Heterologous expression of pullulanase in E. coli, (Expresia heterologă a pullulanazei în E. coli), 15th International Conference on Chemistry, Targu Mures, nov. 12-15, 2009

23. Orban Cs., Abraham B., **Miklossy I.**, Szilveszter Sz, Balint E., Bodor Zs., Lanyi Sz., In silico studies on Structure-Function correlations in a group of serine proteinases (Studiul in silico a corelatiei structură-functii la o familie a serin proteazelor), 15th International Conference on Chemistry, Targu Mures, nov. 12-15, 2009
24. É. György, É. Laslo., I. Máthé, Gy. Mara, É. Tamás, **I. Miklóssy**, B. Abraham, Sz. Lányi: Caracterizarea microbiotei fixatoare de azot a unui habitat montan responsabilă în asimilarea fosforului. În volumul: Simpozionul Internațional CIEC, Constanța, 26-28 septembrie 2008.
25. **I. Miklóssy**, B. Abraham, L. Szilágyi, Sz. Lányi., Construcția unor vectori de expresie pentru proteaza ancestrală Stemzyme-IDPβ, Zilele Facultatii de Inginerie Chimica si Protectia Mediului, Editia a V-a „Materiale si procese inovative”, Iasi, 19-21 noi. 2008
26. J. Gálicza, A. Szép, Cs. András, B. Abraham, **I. Miklóssy**, E. Kovács, Sz. Lányi, Lignocellulóz tartalmú hulladékokból származó xilóz biokonverziója biokémiai szintézisekhez szükséges nyersanyagokká, (Bioconversia deseurilor lignocelulozice in vederea obtinerii unor reactanti biochimici) 14th International Conference of Chemistry. Cluj Napoca, 2008, noiembrie 13-15.
27. B. Abraham, Cs. András, **I. Miklóssy**, E. Miklós, Sz. Lányi, Biodiversitatea Turbăriilor De Ape Minerale Și Efectele Presiunilor Antropice Din Ultimul Secol, Vth International Conference Of Mineral Waters From Carpathian Basin, Miercurea Ciuc, 2008 Iul. 24-26.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

1. 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**
2. 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**
3. 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**
4. 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**.

5. 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)

1. CEEX/,Optimizarea moleculara a unei enzimei centrale din calea metabolica a conversiei xilozei.Reactor optimizat pentru transformarea enzimatica a xilozei rezultate din deseurile celulozice” OMEXIL, 2005-2008, membru
2. CEEX/ Retea integrata de cercetare pentru constituirea unei platforme tehnologice de biomateriale avansate, compatibila EuMaT – ADVABIOMAT, 2006-2009, membru
3. CEEX/ Diagnoză și predicție inteligentă și activă a construcțiilor cu structura de rezistență în mediul înconjurător complex poluat – DIRECTOR, 2006-2009, membru
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