

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

NUMELE ȘI PRENUMELE: Abod Éva

I. LISTA PUBLICAȚIILOR RELEVANTE

1. **Tamás, É.**, Mara, Gy., Laslo, E., György, E., Máthé, I., Ábrahám, B., Lányi, Sz., Analysis of the biofilm production, swarming and swimming motility of *Pseudomonas* strains, *Studia Universitatis Babeş-Bolyai Chemia*, ISSN 1224-7154, Special Issue 2/2009, pp. 45, IF = 0,086.
2. 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 Chemia*, ISSN 1224-7154, Special Issue 2/2009, pp. 27, IF = 0,086.
3. Laslo, É., György, E., Mara, Gy. **Tamás, É.**, I. Máthé, I., Ábrahám, B., Lányi, Sz., Applied Microbial Technology: Solubilization of Inorganic Phosphate and Producing Siderophore by Isolated Nitrogen Fixing Bacteria, *Studia Universitatis Babeş-Bolyai Chemia*, ISSN 1224-7154, LIV Special Issue 2/2009, pp. 53, IF = 0,086.
4. **Tamás, É.**, Mara, Gy., Sipos, R., Mészáros, É., Márialigeti, K., Lányi, Sz.: Detection of genes from the soil bacteria with role in the organic nitrogen and phosphorus mobilization, *Studia Universitatis Babeş-Bolyai Chemia*, ISSN 1224-7154, LV Special Issue/2010, pp. 143, IF = 0,231.
5. **Tamás, É.**, 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*, ISSN 1582-9596, 11(3), 2012, pp. 675, IF = 1,117.
6. É. Laslo, É. György, Gy. Mara, **É. Tamás**, B. Ábrahám, Sz. Lányi: Screening of Plant Growth Promoting Rhizobacteria as Potential Microbial Inoculants, *Crop Protection*, ISSN: 0261-2194, 40, 2012, pp. 43-48, IF: 1,403, SRI: 1,303.
7. **Tamás, É.**, Mara, Gy., Laslo, E., György, E., Máthé, I., Ábrahám, B., Lányi, Sz.: Microbial products as natural alternative to fertilizers: Isolation and characterization of nitrogen fixing bacteria, *University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science*, 72(3), 2010, pag. 137-144, ISSN 1454-233, CNCSIS B+ [Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts].
8. 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, ISSN: 2067-3205, CNCSIS B+.
9. 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*, 2010, 72(2), pp., ISSN 1454-233, CNCSIS B+ [Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts].
10. É. Laslo, É. György, I. Máthé, Gy. Mara, **É. Tamás**, B. Ábrahám, Sz. Lányi: 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*, 2011, 73(1), pp. 109-114, ISSN 1454-233, CNCSIS B+ [Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts].

II. LISTA COMPLETĂ DE PUBLICAȚII, CREAȚII, INVENȚII

A. Teza de doctorat.

"Inoculanți microbieni cu efecte benefice asupra solului. Bacteriile mineralizatoare de N și P", conducător de doctorat Prof. dr. ing. Szabolcs Lányi, Universitatea Politehnica din București, Facultatea de Chimie Aplicată și Știința Materialelor, Departamentul de Chimie Analitică și Ingineria Mediului, 2011.

B. Cărți publicate

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

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

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

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

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B5. Capitoare de cărți publicate în străinătate

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B6. Capitoare de cărți publicate în țară

-

C. Lucrări științifice publicate

C1. Lucrări științifice publicate în reviste cotate ISI

1. **Tamás, É.**, Mara, Gy., Laslo, E., György, E., Máthé, I., Ábrahám, B., Lányi, Sz., Analysis of the biofilm production, swarming and swimming motility of *Pseudomonas* strains, *Studia Universitatis Babeș-Bolyai Chemia*, ISSN 1224-7154, Special Issue 2/2009, pp. 45, IF = 0,086.
2. Both, E., Kibédi Szabó, CS. Z., György, É., **Tamás, É.**, Miklóssy, I., Ábrahám, B., Lány, 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 Chemia*, ISSN 1224-7154, Special Issue 2/2009, pp. 27, IF = 0,086.
3. Laslo, É., György, E., Mara, Gy **Tamás, É.**, I. Máthé, I., Ábrahám, B., Lányi, Sz., Applied Microbial Technology: Solubilization of Inorganic Phosphate and Producing Siderophore by Isolated Nitrogen Fixing Bacteria, *Studia Universitatis Babeș-Bolyai Chemia*, ISSN 1224-7154, LIV Special Issue 2/2009, pp. 53, IF = 0,086.
4. **Tamás, É.**, Mara, Gy., Sipos, R., Mészáros, É., Márialigeti, K., Lányi, Sz.: Detection of genes from the soil bacteria with role in the organic nitrogen and phosphorus mobilization, *Studia Universitatis Babeș-Bolyai Chemia*, ISSN 1224-7154, LV Special Issue/2010, pp. 143, IF = 0,231.

5. **Tamás, É.**, 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, ISSN 1582-9596, 11(3), 2012, pp. 675, IF = 1,117.
6. É. Laslo, É. György, Gy. Mara, **É. Tamás**, B. Ábrahám, Sz. Lányi: Screening of Plant Growth Promoting Rhizobacteria as Potential Microbial Inoculants, Crop Protection, ISSN: 0261-2194, 40, 2012, pp. 43-48, IF: 1,403, SRI: 1,303.

Factor de impact acumulat: 2,909

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 (altele decât cele din baze de date internaționale).

7. **Tamás, É.**, Mara, Gy., Laslo, E., György, E., Máthé, I., Ábrahám, B., Lányi, Sz.: Microbial products as natural alternative to fertilizers: Isolation and characterization of nitrogen fixing bacteria, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science, 72(3), 2010, pag. 137-144, ISSN 1454-233, CNCSIS B+ [Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts].
8. 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, ISSN: 2067-3205, CNCSIS B+.
9. 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, 2010, 72(2), pp., ISSN 1454-233, CNCSIS B+ [Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts].
10. É. Laslo, É. György, I. Máthé, Gy. Mara, **É. Tamás**, B. Ábrahám, Sz. Lányi: 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, 2011, 73(1), pp. 109-114, ISSN 1454-233, CNCSIS B+ [Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts].
11. S. Szentes, Gy. Mara, **É. Tamás**, Sz. Lányi, G. L. Radu: Preliminary data on Borsáros raised bog natural reserve Bryophyte associated bacteria, University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science, 2011, 73(4), pp. 23-30, ISSN 1454-233, CNCSIS B+ [Ulrich S International Periodicals Directory, Scopus, Cambridge Scientific Abstracts].

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

12. **Tamás É.**, Mara Gy., Lányi Sz., Baktériumokon alapuló talajjavító oltóanyagok, Csíki Székely Múzeum Évkönyve, 2010, pp. 543-552.

C6. Lucrări științifice publicate în volumele manifestărilor științifice

13. **É. Tamás**, Gy. Mara, É. Laslo, É. György, L. Kémenes, Sz. Lányi: Natural alternative soil fertilization: analysis of plant growth promoting activity of selected soil bacteria,

- Agrisafe Final Conference, Climate change: challenges and opportunities in agriculture, At Martonvásár, 2011, ISBN: 978-963-8351-37-1.
14. É. Laslo, É. György, **É. Tamás**, Zs. Bodor, Sz. 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, At Martonvásár, 2011, ISBN: 978-963-8351-37-1.
 15. 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, In: Simpozionul International CIEC, Constanța, 25-26 sept. 2008.

Manifestări științifice internaționale (abstracte):

1. O. Papp, B. Biró, **É. Abod**, T. Jung, I. Tirczka, D Drexler: Rhizoctonia solani infection reduced by bacterial and fungal combination of biofertilizer inoculums on organic potato, EGU2017 - European Geosciences Union General Assembly 2017, Geophysical Research Abstracts: Vol. 19, EGU2017-11965, Bécs, Ausztria, 2017 aprilis 23-28.
2. **Tamás É.** Mara Gy., Lányi Sz.: Növény növekedést serkentő baktériumtörzsek tenyésztési körülményeinek meghatározása, XX. International Conference on Chemistry, Târgu Mureș, 06-09 noiembrie, 2014.
3. **Tamás, É.**, Laslo, É., Mara, Gy., Lányi, Sz.: Bacterial decomposition of organic matter, 18th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, 4-7 septembre, 2013.
4. **Tamás, É.** Mara Gy., Lányi Sz.: A Borsáros tőzeglápból származó növény növekedést serkentő új baktériumtörzsek, XVIII. International Conference on Chemistry, Băile Felix, 22-25 noiembrie, 2012.
5. **Tamás, É.**, Mara Gy., Laslo É., György É., Kémenes L., Lányi Sz.: Natural alternative soil fertilization: analysis of plant growth promoting activity of selected soil bacteria, Agrisafe Final Conference, Budapesta, Ungaria, 21-23 martie, 2011.
6. É. Laslo, É. György, **É. Tamás**, Zs. Bodor, Sz. 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, Budapesta, Ungaria, 21-23 martie, 2011.
7. **Tamás, É.**, Mara, Gy., Kémenes, L., Márialigeti, K., Lányi, Sz.: Extracellular organic material degradative enzymes produced by bacteria isolated from high mountain regions, 4th European Conference on Chemistry for Life Sciences (4ECCLS), Budapesta, Ungaria, 31 august - 3 septembre, 2011.
8. **Tamás, É.**, Mara, Gy., Lányi, Sz.: Natural alternative soil fertilization by organic nitrogen and phosphorus mobilizing bacteria, 6th International Conference Environmental Engineering and Management (6thICEEM), Balatonalmádi, Hungary, 1-4 septembre, 2011.
9. **Tamás É.**, Mara Gy., Máthé I., Lányi Sz.: Determination the composition of industrial media for production of beneficial soil bacteria, XVII. International Conference on Chemistry, Cluj-Napoca, 3-6 noiembrie, 2011.
10. **Tamás, É.**, Mara, Gy., Laslo, É., György, É., Lányi, Sz., Selection of the organic nitrogen and phosphorus mobilizing bacteria in order to develop bacterial inoculants, Chemical Engineering Days '10, Veszprém, Ungaria, 27-29 apr, 2010.
11. **Tamás, É.**, Mara Gy., Sipos R., Mészáros É., Márialigeti K., Lányi Sz.: Detection of genes from the soil bacteria with role in the organic nitrogen and phosphorus

mobilization, XVI. International Conference on Chemistry, Târgu Mureș, 11-14 noiembrie, 2010.

12. **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, 16th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, 9-12 sept, 2009.
13. Laslo, É., György, É., Máthé, I., Mara, Gy., **Tamás, É.**, Ábrahám, B., Lányi, Sz.: Replacement of the traditional fertilizer with microbial technology: Isolation and characterization of beneficial nitrogen fixing rhizobacteria, 16th Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, 9-12 sept, 2009.
14. E. Both, É. György, Cs. Z. Kibédi-Szabó, **É. Tamás**, B. Ábrahám, I. Miklóssy, Sz. Lányi, 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.
15. **Tamás, É.**, Mara, Gy., Laslo, É., György, É., Máthé, I., Ábrahám, B., Lányi, Sz.: Analysis of the biofilm production, swarming and swimming motility of *Pseudomonas* strains, XV, International Conference on Chemistry, Târgu Mureș, 12-15 nov, 2009.
16. Laslo, É., György, É., Máthé, I., Mara, Gy., **Tamás, É.**, Ábrahám, B., Lányi, Sz.. Applying microbial technology: solubilization of inorganic phosphate and producing siderophore by isolated nitrogen fixing bacteria. 15th International Conference on Chemistry, Târgu Mureș, 12-15 november, 2009.
17. 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* (Expresia heterologă a alfa-amilazei în *Pichia pastoris*), 15TH International Conference on Chemistry, Târgu Mureș, 12-15 november, 2009.

Manifestări științifice naționale (abstracte):

1. **Abod É.**, Mara Gy., Lányi Sz.: Szerves anyag lebontó baktériumokon alapuló talajjavító oltóanyag előállítása, MTNE - Magyar Tudomány Napja Erdélyben, Sepsiszentgyörgy, 2016. november 19.
2. **Tamás, É.** Mara Gy., Lányi Sz.: Szerves anyag lebontó bakteriális oltóanyagok kifejlesztése mezőgazdasági célokra, Magyar Tudomány Ünnepe, Miercurea Ciuc, 21 noiembrie 2014.
3. **Tamás, É.**: *Delftia* fajok szerepe a növények növekedésében és a mezőgazdasági talajok feljavításában, Magyar Tudomány Ünnepe, Miercurea Ciuc, 10 noiembrie, 2012.

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

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E. Editare, coordonare de volume

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F. Brevete de invenții și alte titluri de proprietate

Cerere de brevete:

1. **Tamás, É.**, Mara, Gy., Máthé, I., György, É., Ábrahám, B., Laslo, É., Lányi, Sz.: Biopreparat microbial cu efect biofertilizant și procedeu de obținere, Număr OSIM: 12.06.2012, A/00422.

2. Mara, Gy., Laslo, É., Szentes, S., **Tamás, É.**, György, É., Máthé, I., Ábrahám, B., Lányi, Sz.: Biopreparat microbial mixt cu efect benefic complex asupra creșterii plantelor și procedeu de obținere, Număr OSIM: 12.06.2012, A/00420.

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

1. Programul Operational Sectorial Axa 2.1.1/ "Biopreparate microbiene pentru creșterea productivității și protecția culturilor agricole"/ BIOPREP. Nr. Contract: 169/16.06.2010. Durata de executare: 2010-2012 –membru în echipe.
2. Bursă postdoctorală finanțat de ÖMKi – Hungarian Research Institute of Organic Agriculture, Ungaria, " Szerves anyag lebontó baktériumokon alapuló talajjavító oltóanyag előállítás". Valoarea contractului: 8,873,519.11 HUF (139,314.25 RON). Număr contract: SB-CS-ÖMKi-12/2012. Durata de executare: 2012-2015.

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.

Premiul special al secției doctoranzilor, Conferința Internațională de Chimie ed. a XVI-a, 2010.

J. Citări

1. É. Laslo, É. György, Gy. Mara, **É. Tamás**, B. Ábrahám, Sz. Lányi: Screening of Plant Growth Promoting Rhizobacteria as Potential Microbial Inoculants, *Crop Protection*, ISSN: 0261-2194, 40, 2012, pp. 43-48, IF: 1,403, SRI: 1,303.
a. Citat de 45 ori
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*, 2010, 72(2), pp., ISSN 1454-233.
a. Citat de 17 ori
3. **Tamás, É.**, 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*, ISSN 1582-9596, 11(3), 2012, pp. 675, IF = 1,117.
a. Citat de 3 ori
4. 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.
a. Citat de 2 ori

5. **Tamás, É.**, Mara, Gy., Laslo, E., György, E., Máthé, I., Ábrahám, B., Lányi, Sz.: Microbial products as natural alternative to fertilizers: Isolation and characterization of nitrogen fixing bacteria, *University Politehnica of Bucharest, Scientific Bulletin Series B: Chemistry and Materials Science*, 72(3), 2010, pag. 137-144.
a. Citat de 1 ori

Citări totale: 68

h index: 3

Google scholar citation Tamas Eva

K. Alte realizări semnificative.

Data,
30.05.2017

Semnătura,



NOTĂ:

1. *Lista se prezintă în ordine cronologică, între ani se lasă un rând liber la fiecare categorii.*
2. *Informațiile explicative nu vor figura în documentele depuse de candidat*