

LISTA DE LUCRĂRI

I. Monografii, cărți și capitole în cărți de specialitate

Cărți cu ISBN/ capitole ca autor

1. Mușat Voichița, **Gaspar Eniko**, Lengyel Ecaterina, Igiena întreprinderilor de industrie alimentară și protecția mediului, ISBN 978-973-739-514-6-8, Ed. Univ. „Lucian Blaga, Sibiu, 2007, pag.218.
2. Mușat Voichița, **Gaspar Eniko**, Lengyel Ecaterina, Îndrumar de lucrări practice pentru igiena întreprinderilor de industrie alimentară și protecția mediului, ISBN 978-973-739-513-9, Ed. Univ. „Lucian Blaga, Sibiu, 2007, pag.218.
3. Oprean L., (coordonator), **Enikő Gaspar și colaboratorii** Biodinamica lacurilor de la Ocna Sibiului, 2008, ISBN 978-973-739-569-6, Ed.Univ.„Lucian Blaga”, Sibiu, 310p.
4. **Gaspar E.**, Tehnici și metode de îmbunătățire a calităților biotehnologice ale drojdiilor de panificație, Ed. a- II-a, Sibiu, 2015, ISBN 978-606-12-0957-6, pag.218.
5. **Gaspar E.**, Sisteme de epurare a apelor uzate menajere; Editura Universității “Lucian Blaga” din Sibiu, ISBN 978-606-12-1717-5, 2019, pg.192

II. Articole în extenso în reviste cotate Thomson Reuters, în volume proceedings indexate Thomson-Reuters și brevete de invenție indexate Web of Science – Derwent

1. Oprean, L., Darie Neli, **Gaspar Enikő**; Fermentative capacity of residual wine yeast, Acta Alimentaria, Budapest, Hungary, Vol 34, (2), 187-191, 2005, Impact factor: 0.274.
2. L. Oprean, E. **Gaspar**, E. Lengyel, and V. Cristea; Physiological properties of some yeast strains, p. 261-273, Acta Biologica Hungarica, Impact factor: 0.636, ISSN:0236-5383, Vol. 57 (2), 2006.
3. Oprean, L., Tănase, M., Gaspar, E., Capacity of utilization of nitrogen from different compounds as sole nitrogen source by some yeast strains, (235-237), Journal of Central European Agriculture, ISSN 1332-9094, Topusko, Croația, 2006 (fara factor de impact).
4. L. Oprean, A. Mărculescu, V. Cristea, **E. Gaspar**; The antibacterial activity of the volatile oils extracted from medicinal plants, p. 303-309, Acta Alimentaria, Budapest, Impact factor: 0.51, ISSN 0139-3006, Vol.36, No.3, 2007.
5. Letitia Oprean, Dan Chicea, **Enikő Gaspar**, Ecaterina Lengyel; Result of physical and chemical parameters monitoring of the Raul Mare river, p. 947-953, Romanian Journal of Physics, Impact factor: 0.279, ISSN: 1221146X, Vol, 53, No. 7-8, 2008.
6. **Eniko Gaspar**, Camelia Sava, Mirela Caratus, Constantin Horia Barbu; correlations within a wastewater treatment plant. Case study: The WWTP of Medias, Romania, Editorial Office of Environmental Engineering and Management Journal as manuscript EEMJ_323_ Impact factor: 0.916; 2022.

III. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale (BDI)

1. Oprean Letiția, **Gaspar, E.**, Tița, M., Sand, C.; 2004, *Caracterele morfologice și fiziologice ale drojdiilor de panificație Saccharomyces cerevisiae selecționate*, Analele Societății Naționale de Biologie Celulară, Ed. Risoprint, Cluj-Napoca, ISSN 1583-6258, Vol. IX, Nr. 2, 339-344.
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3. **Gaspar E.**, Oancea Simona, Drăgan-Bularda M.:2006, "Research regarding biotechnological qualities of some baker's yeast strains" Acta Univ. Cib., Seria E, vol. X(2), 9-15. http://saiapm.ulbsibiu.ro/rom/cercetare/ACTA_E/1AUCFT.html, indexed in CABI database, FoodScienceCentral.
4. **E. Gașpar**, C. Danciu, M. Drăgan-Bularda; 2006, *Controlul fermentației alcoolice cu ajutorul unor bioregulatori specifici*, Acta Universitatis Cibiniensis, Food Technology, Volume X, No.2, pp. 17-20, I.S.S.N. 1221-4973.
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6. Letitia Oprean, M. Dragan-Bularda, **Eniko Gaspar**, Ecaterina Lengyel, Simona Rodica Oancea, Mariana Liliana Pacala, 2006, *Studii asupra acumularii lipidelor in organismele eucariote*, Analele SNBC, vol XI, pp. 693-696
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8. Tita O, Letitia Oprean, Mihaela Tita, Simona Oancea, Mariana Pacala, Ecaterina Lengyel, **Eniko Gaspar**, 2006, *Actiunea factorilor de mediu in conducerea fermentatiei alcoolice la vinurile rosii*, Analele SNBC, vol XI, pp. 717-719.
9. Mihaela Tita, Letitia Oprean, O. Tita, Simona Oancea, Mariana Pacala, Ecaterina Lengyel, **Eniko Gaspar**, 2006, *Analiza diferitelor medii de cultura utilizate la determinarea lui Escherichia coli din lapte de oaie*, Analele SNBC, vol XI, pp. 720-724.
10. Mariana-Liliana Pacala, Letitia Oprean, Simona Rodica Oancea, **Eniko Gaspar**, Ecaterina Lengyel, Mihaela Tita, O. Tita, 2006, *Efectul separarii trubului la rece din mustul de bere asupra fermentatiei acestuia cu drojdie de bere din genul Saccharomyces carlsbergensis*, Analele SNBC, vol XI, pp. 708-712.
11. Oprean Letitia, **Gașpar Enikő**, Mironescu Monica, Camelia Oprean, Oancea Simona, Lengyel Ecaterina, 2007, *The degree of pollution regarding the Cibin river, INCD ECOIND, International Symposium – SIMI 2007 „The Environment and Industry”*, National Research and Development Institute for Industrial Ecology, Romanian Academy, Ed. Estfalia, vol.I, ISSN 1843-5831, Bucharest, p. 335-341.
12. Oprean, L., **Eniko Gaspar**, Simona Oancea, Ecaterina Lengyel, 2007, *Absorbția sulfului anorganic din sulfați de către drojdiile de panificație Saccharomyces cerevisiae în procesele fermentative*, Analele SNBC vol XII, ISSN 1583-6258, <http://www.analelesnbc.ro/archives.html>, pp. 353-358.
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15. Oancea Simona, Oprean L., Lengyel E., Goncea M., **Gaspar E.**, Stoia M., Păcală M., 2008, "Characterization of heavy metals pollutants in the sewage sludge produced at Sibiu WWTP and perspectives on its agricultural utilizations" Acta Univ. Cib., series F: Chemia, vol. 11, nr.1, 47-52. ISSN 1583-5030. <http://saiapm.ulbsibiu.ro/rom/cercetare/rev2.html>, indexed in Chemical Abstracts.

16. Oprean, L., **Eniko Gaspar**, Ecaterina Lengyel, Simona Oancea, 2008, *Influence of bacterial communities on the biodegradation of sludges coming from wastewater treatment plants*, Annals of the Romanian Society for Cell Biology, vol XIII, ISSN 1583-6258, <http://www.analelesnbc.ro/archives.html>, pp.323-327.
17. Oprean L., **Gaspar E.**, Oancea Simona, Tița O., Tița M., Lengyel E., 2008, “*Influența radiațiilor beta asupra activității maltazice a drojdiilor de vin*” Analele Societății Române de Biologie Celulară (Annals of the Romanian Society for Cell Biology), vol. XIII, 318-321. ISSN 1583-6258. <http://www.analelesnbc.ro/>, B+ CNCSIS, indexed in EBSCO <http://www.ebscohost.com/titleLists/a9hjournals.xls>, Index Copernicus, SCOPUS.
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19. Letitia Oprean, **Eniko Gaspar**, Simona Oancea, Cornelia Nicoara, Ramona Iancu, Ecaterina Lengyel, 2009, *The influence of thiamine on the fermentation of Saccharomyces carlbergensis*, Annals of the Romanian Society for Cell Biology, vol. XIV (2), ISSN: 1583-6258, pp.301-304.
20. Letitia Oprean, **Eniko Gaspar**, Cornelia Nicoara, Ramona Iancu, Ecaterina Lengyel, 2009, *The influence of the culture medium on the biotechnological qualities of Saccharomyces carlbergensis yeast*, Annals of the Romanian Society for Cell Biology, vol. XIV (2), ISSN: 1583-6258, pp.310-314.
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- 28. Eniko Gaspar**, Mara Gyongyver, Letitia Oprean, Ecaterina Lengyel, Ramona Iancu, 2011, *Identification and isolations of yeast strains Saccharomyces bayanus, from native sources using mollecular methods*, Annals of RSCB, www.analelesnbc.ro, Vol.. XVI, ISSUE 1, ISSN 1583-6258, 2862-291.
- 29.** Ecaterina Lengyel, O.Tita, Letiția Oprean, **Enikő Gaspar**, Anca Sipos, 2011, *Practical considerations regarding the physiological active state and the autolized one of the Saccharomyces bayanus cultures isolated from Tarnave and Sebes-Apold wineryard*, Annals of the Romanian Society for cell biology, SRBC, Vol XVI, Issue 1, ISSN: 1583-6258, pg.283-285.
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- 32.** Ovidiu Tita, Letitia Oprean, Mihaela Tita, **Eniko Gaspar**, Nicoleta Mandrean, Mariana Pacala, Ecaterina Lengyel, *The influence of thiamine in the fermentation of the wine yeasts*, Scientific Study&Research: Chemistry &Chemical Engineering, Biotechnology, Food Industry, Vol.12 nr.4 p.381-386, ISSN 1582-540X, Indexat: Chemical Abstract, Viniti, Directory of Open Acces Journals, Index Copernicus, Scopus, Proquest, 2011, <http://pubs.ub.ro>
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- 34.** Oprean, L., Ramona Iancu, **Eniko Gașpar**, Ecaterina Lengyel, 2011, *Pathogenic Microorganisms from Raw Milk of Different Animals*, Animal Science and Biotechnologies, USAMVB Timisoara, 44 (1), www.usab-tm.ro/USAMVBT_Arhiva-Manifestaristiintifice_ro, pp. 439-441.
- 35. Enikő Gaspar**, Letiția Oprean, Ovidiu Tița, Ecaterina Lengyel, Horia Olosutean, 2011, *Monitoring the Diversity of the Yeasts Population which are Present in the Musts Obtained from the Grapes Harvested in Iordana-Apold, Riesling Italian –Blaj, Royal Feteasca Jidvei and Hárslevelű*, Scientific Papers: Animal Science and Biotechnologies, USAMVB Timisoara, www.spasb.ro, 44 (1), 389-392.
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38. **Enikő Gaspar**, Letiția Oprean, Ovidiu Țița, Mihaela Țița, Ecaterina Lengyel, Cristina Țița, 2011, *The influence of the growing environment on the fermentation dynamics of the wine yeasts*, Wine Active Compounds 2011-Proceedings of the Second Edition of the International Conference series, vol 1, pg 75-77.
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16. Tita Ovidiu, Oprean Letitia, Tita Mihaela, **Gaspar Eniko**, Mandrean Nicoleta, Pacala Mariana, Iancu Ramona, Lengyel Ecaterina, The influence of external factors on

the alcoholic fermentation of wine yeasts, VIII International Terroir Congress, Soave (VR) Italia, 14-18 iunie, ISBN 978-88-97081-05-0 , pg. 125-128, 2010.

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Granturi/ proiecte câștigate prin competiție inclusiv proiecte de cercetare/ consultanță

1. Studii privind reevaluarea complexă și elaborarea de soluții pentru valorificarea lacurilor de la Ocna-Sibiului ca obiectiv turistic, balneoclimateric și de agrement curativ. Proiect AGRAL, Contract nr.344/2004, 2004-2006, director proiect prof. dr. Letiția Oprean, valoare 2.200.000 lei, *membru*.

2. Cercetări privind metode ecologice nontermice de dezinfectie a legumelor și fructelor depozitate și destinate pentru consum în stare proaspătă. Contract CNCSIS nr. 754/2005, 2005-2007, director proiect conf. dr. ing. Nedeiță Victor, valoare 557.000 lei, *membru*.

3. Tehnologii moderne neconvenționale, conforme cu reglementările europene, de epurare a apelor uzate și de tratare a nămolului rezidual în scopul reutilizării acestuia, program CEE contract nr.135/2006, 2006-2008, director proiect prof. dr. Letiția Oprean, valoare 1.000.000 lei, *membru*.

4. Food Safety Control prin dezvoltarea unui sistem integrat de modelare, simulare și conducere avansată a bioprocесelor din industria alimentară. Proiect PN II – Capacități, nr. 100CP/I 2007-2009, director proiect conf.dr.ing. Anca Șipoș, valoare 2.000.000RON, *membru*.
7. Noi structuri 310 elicoidale peptidice cu potențial antimicrobian relevante pentru domeniile farmaceutic și textil, grant director conf.univ.dr. Simona Oancea, PN-II-ID-PCE, contract nr. 524/2009, 2009-2011, *membru*.
8. Metode moderne de identificare și monitorizare a calităților biotehnologice ale drojdiilor de vin *Saccharomyces bayanus* izolate din struguri și sușe autohtone, șef lucrări dr. Eniko Gaspar Nr.17/ 29.07.2010. Contract de cercetare postdoctorală în cadrul proiectului POSDRU/89/1.5/S/63258, bursier finanțat prin proiectul “Școala postdoctorală pentru biodiversitate zootehnică și biotehnologii alimentare pe baza ecoeconomiei și bioeconomiei necesare ecosanogenezei”, profesor îndrumător/tutore prof.univ.dr.Letiția Oprean (29.07.2010 - 31.09.2011).
9. Optimizarea funcționării stațiilor de epurare cu contactori biologici rotativi, Proiect / proiecte cu terți, 2021, *director de proiect*, valoare 51.000 RON.

Șef lucrări dr. Eniko GAȘPAR