

INFORMAȚII PERSONALE

Luminița Fritea



Sexul feminin | Data nașterii 18/12/1987 | Naționalitatea Română

LOCUL DE MUNCA PENTRU
CARE SE CANDIDEAZĂ
POZIȚIA
LOCUL DE MUNCĂ DORIT
STUDIILE PENTRU CARE SE
CANDIDEAZĂ
PROFILUL PERSONAL

Sef lucrari, Facultatea de Medicina si Farmacie, Universitatea din Oradea

EXPERIENȚA PROFESIONALĂ

2015-prezent

Asistent universitar

Universitatea din Oradea, Facultatea de Medicina si Farmacie, Departamentul Discipline Preclinice, catedra de Biochimie

- predare lucrari practice de Biochimie in limba engleza la studentii de la specializarea Medicina Generala, pregatirea materialelor si a solutiilor pentru desfasurarea lucrarilor practice, elaborarea de materiale didactice, evaluarea studentilor, cercetare.

2023-prezent

Farmacist rezident

Universitatea din Oradea

- Specializarea Farmacie Generala

2019-2020

Cercetator postdoctorat

Universitatea din Oradea, Scoala Doctorala – domeniul Stiinte Biomedicale

- Materiale nanostructurate multifunctionale pentru aplicatii biomedicale: regenerare tisulara si senzoristica

2011-2015

Cadru didactic/ Asistent universitar asociat

Universitatea de Medicina si Farmacie Iuliu Hatieganu Cluj-Napoca, Facultatea de Farmacie

- predare lucrari practice la disciplina Chimie Analitica

2015

Farmacist specialist

Universitatea de Medicina si Farmacie Iuliu Hatieganu Cluj-Napoca

- Specializarea Farmacie Clinica

2012-2014

Farmacist rezident

Universitatea de Medicina si Farmacie Iuliu Hatieganu Cluj-Napoca

- Specializarea Farmacie Clinica

EDUCAȚIE ȘI FORMARE

2023-prezent

Farmacist rezident

Universitatea din Oradea

2011-2015

Doctor

Universitatea de Medicina si Farmacie „Iuliu Hatieganu”, Cluj-Napoca, Romania

Universitatea Grenoble Alpes, Grenoble, Franta

- 2012-2014 **Farmacist rezident**
Universitatea de Medicina si Farmacie „Iuliu Hatieganu”, Cluj-Napoca, Romania
- 2006-2011 **Farmacist**
Facultatea de Medicina si Farmacie, Universitatea din Oradea, Oradea, Romania

COMPETENTE PERSONALE

Limba(i) maternă(e) Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	B2	B2	B2	B2	B2
Utilizator independent. Certificat obtinut la Universitatea din Oradea, 2022					
Franceza	B2	B2	B2	B2	B2
Utilizator independent					

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
[Cadru european comun de referință pentru limbi străine](#)

Competențe de comunicare

- bune competențe de comunicare dobândite in timpul studiilor efectuate in cele 3 universitati din tara si strainatate: Oradea, Cluj-Napoca, Grenoble.

Competențe organizaționale/manageriale

- membru in echipe de cercetare in universitati din Romania si Franta
- membru in granturi de cercetare in universitati din Romania si Franta
- membru in comisii locale Facultatea de Medicina si Farmacie - Universitatea din Oradea
 - Consiliul departamentului Discipline preclinice (FMF)
 - Comisie Erasmus+ studenti (FMF)
 - Comisie pentru solutionarea contestatiilor (examen de admitere) (FMF)
 - Comisie concursuri pe post (FMF)
 - Comisie examen de farmacist specialist (FMF)

Competențe dobândite la locul de muncă

- o bună cunoaștere a proceselor biochimice la nivel biomedical
- o bună cunoaștere a calculelor analitice si a echipamentelor de analiza biomedicala

Competențe digitale

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator independent	Utilizator independent	Utilizator independent	Utilizator independent	Utilizator independent

Niveluri: Utilizator elementar - Utilizator independent - Utilizator experimentat
[Competențele digitale - Grilă de auto-evaluare](#)

ECDL, Oradea

- o bună stăpânire a programelor de birou (Microsoft Office), a programelor de la diverse aparate (Zetasizer software, Nova, GPES), a programelor de prelucrare date experimentale (Origin)

Alte competențe

- manipularea de diverse aparate: potentiostat, spectrofotometru, cromatograf, microscop, nanosizer

Permis de conducere

categoria B

INFORMATII SUPLIMENTARE

Publicații

1. Ioana Dohotar, **Luminița Fritea**, Eleonora Marian, Tunde Jurca, Laura Vicaș, *Sinteza și caracterizarea unor complecși de incluziune ai teofilinei cu β -ciclodextrina*, Zilele Medicale Oradene, Secțiunea Farmacie, Noi direcții de cercetare în domeniul farmaceutic, Editura Universității din Oradea, Oradea, 2011, 22-33, ISBN 978-606-10-0345-7.
2. Ioana Dohotar, Eva Bagoși, **Luminița Fritea**, Diana Fritea, Tifur Fawzi, *Consumul drogurilor în rândul tinerilor*, Din preocupările profesorilor..., Editura Aureo, Oradea, 2011, 126-132; ISBN 978-606-92796-4-9.
3. **Luminița Fritea**, Mihaela Terțiș, Tamara Liana Topală, Robert Săndulescu, *Electrochemical and spectral study of cyclodextrins interactions with some pharmaceutical substances*, Farmacia, 2013;61(6):1054-1068.
4. **Luminița Fritea**, Mihaela Terțiș, Cecilia Cristea, Robert Săndulescu, *New β -Cyclodextrin Entrapped in Polyethyleneimine Film-Modified Electrodes for Pharmaceutical Compounds Determination*, Sensors 2013;13:16312-16329.
5. **Luminița Fritea**, Fatima Haddache, Bertrand Reuillard, Alan Le Goff, Karine Gorgy, Chantal Gondran, Michael Holzinger, Robert Săndulescu, Serge Cosnier, *Electrochemical nanopatterning of an electrogenerated photosensitive poly-[tris(bipyridinyl)-pyrrole ruthenium(II)] metallopolymer by nanosphere lithography*, Electrochemistry Communications 2014;46:75-78;
6. **Luminița Fritea**, Mihaela Terțiș, Cecilia Cristea, Serge Cosnier, Robert Săndulescu, *Simultaneous Determination of Ascorbic and Uric Acids in Urine Using an Innovative Electrochemical Sensor Based on β -Cyclodextrin*, Analytical Letters, 2015;48(1):89-99.
7. Adela Maghear, Mihaela Tertis, **Luminița Fritea**, Iuliu O. Marian, Emil Indrea, Alain Walcarius, Robert Snadulescu, *Tetrabutylammonium-modified clay film electrodes: Characterization and application to the detection of metal ions*, Talanta. 2014;125:36-44.
8. Mihaela Tertis, Oana Hosu, **Luminița Fritea**, Andreea Cernat, Cosmin Farcau, Robert Săndulescu, Cecilia Cristea, *A Novel Label-free Immunosensor Based on Activated Graphene Oxide for Acetaminophen Detection*, Electroanalysis. 2015;27(3):638-647.
9. **Luminița Fritea**, Mihaela Terțiș, Robert Săndulescu, *Applications of Cyclodextrins in Biomedical Electrochemistry*, in: Cyclodextrins: Synthesis, Chemical Applications and Role in Drug Delivery. Nova Science Publishers, Inc. USA. 2015, 45-84, ISBN 978-1-63482-788-1.
10. **Luminița Fritea**, Mihaela Terțiș, Serge Cosnier, Cecilia Cristea, Robert Săndulescu, *A novel reduced graphene oxide/ β -cyclodextrin/tyrosinase biosensor for dopamine detection*. International Journal of Electrochemical Science. 2015;10:7292-7302.
11. **Luminița Fritea**, Alan Le Goff, Jean-Luc Putaux, Mihaela Tertis, Cecilia Cristea, Robert Săndulescu, Serge Cosnier, *Design of a reduced-graphene-oxide composite electrode from an electropolymerizable graphene aqueous dispersion using a cyclodextrine-pyrrole monomer. Application to dopamine biosensing*. Electrochimica Acta. 2015;178:108-112.
12. **Luminița Fritea**, Pierre Audebert, Galmiche L, Karine Gorgy, Alan Le Goff, Robert Săndulescu, Serge Cosnier. *First occurrence of tetrazines in aqueous solution. Electrochemistry and fluorescence*. ChemPhysChem. 2015;16 (17):3695-3699.
13. **Luminița Fritea**, Karine Gorgy, Alan Le Goff, Pierre Audebert, Laurent Galmiche, Robert Săndulescu, Serge Cosnier. *Fluorescent and redox tetrazine films by host-guest immobilization of tetrazine derivatives within poly(pyrrole- β -cyclodextrin) films*. Journal of Electroanalytical Chemistry. 2016;781:36-40.
14. Andreea Cernat, Mihaela Terțiș, **Luminița Fritea**, Cecilia Cristea, *Graphene in Sensors Design*, in: Advanced Materials Book Series, Scrivener Publishing and co-published with John Wiley & Sons, USA, 2016, 387-431.
15. **Luminița Fritea**, Mihaela Terțiș, Cecilia Cristea, Serge Cosnier, Robert Săndulescu, *β -cyclodextrin modified graphene/tyrosinase based biosensor for dopamine determination*, Analele Universității din Oradea-Fascicula Chimie, Vol. XXIII, 2016, ISSN: 1224-7626.
16. Florian Bodog, Annamaria Pallag, **Luminița Fritea**, *Classification des solutions opérationnelles en fonction des besoins pour améliorer la satisfaction des professionnels de la santé et de la population avec un impact sur la réduction de la migration interne et externe*, Recherches sur l'identité, la Vocation et l'Education Médicale, no. 2, 2016, ISSN 2558-8656.
17. Muresan Mariana, Dobjanschi Luciana, Mraz Camelia, **Fritea Luminita**, Codreanu Ioana, Jurca Alexandru, *Biochimie medicala, Partea I, ghid de lucrari practice, editie revazuta si adaugita*, Editura Universitatii din Oradea, 2016, ISBN 978-606-10-1823-9, ISBN 978-606-10-1824-6.
18. Muresan Mariana, Dobjanschi Luciana, Mraz Camelia, **Fritea Luminita**, Codreanu Ioana, Jurca Alexandru, *Biochimie medicala, Partea II, ghid de lucrari practice, editie*

revazuta si adaugita, Editura Universitatii din Oradea, 2017, ISBN 978-606-10-1823-9, ISBN 978-606-10-1905-2.

19. Eva Brigitta Patay, **Luminita Fritea**, Andreea Antonescu, Angela Antonescu, Luciana Dobjanschi, *Coffea arabica - a plant with rich content in caffeine*, in book: The Question of Caffeine, Publisher InTech, 2017, ISBN 978-953-51-3274-5.

20. **Luminița Fritea**, Mihaela Tertiș, Robert Săndulescu, Alan le Goff, Serge Cosnier, Cecilia Cristea, *Graphene based biosensors for dopamine determination*, Procedia Technology 2017;27:106 – 107, ISSN 2212-0173.

21. Tunde Jurca, Marian Eleonora, Laura Vicas, Mariana Muresan, **Luminita Fritea**, *Metal complexes of some pharmaceuticals*, in book: Spectroscopic Analyses – Developments and Applications, edited by Eram Sharmin, Fahmina Zahar, Publisher InTech, 2017, ISBN 978-953-51-3628-6.

22. **Fritea L**, Laslo V., Cavalu S., Costea T., Vicas S.I., *Green biosynthesis of selenium nanoparticles using parsley (Petroselinum crispum) leaves extract*, Studia Universitatis Vasile Goldis, Seria Stiintele Vietii (Life Sciences Series) - Studia Univ. VG, SSV, vol. 27, iss. 3, 2017, 203-208.

23. Simona Cavalu, Earar Kamel, Vasile Laslo, **Luminita Fritea**, Traian Costea, Iulian Vasile Antoniac, Eugeniu Vasile, Aurora Antoniac, Augustin Semenescu, Aurel Mohan, Vicentiu Saceleanu, Simona Vicas, *Eco-friendly, facile and rapid way for synthesis of selenium nanoparticles production, structural and morphological characterisation*, Revista de Chimie, 2017;68(12):2963-2966.

24. **Luminita Fritea**, Electrochemical and spectral studies of some biomedical inclusion complexes, Editura Universitatii din Oradea, 2018, ISBN 978-606-10-1945-8.

25. Laslo Vasile, Cavalu Simona, Teusdea Alin, Vicaș Simona Ioana, Agud Eliza, Oneț Aurelia, **Fritea Luminita**, Lestyan Marieta, *Green biosynthesis silver nanoparticles using leaf extract*, Natural resources and sustainable development, 2018;8(1):59-66.

26. Luciana Dobjanschi, Paltinean Ramona, Laurian Vlase, Mihai Babota, **Fritea Luminita**, Tamas Mircea, Comparative Phytochemical Research of Solidago Genus: S. graminifolia. Note I. Flavonoids, Acta Biologica Marisiensis 2018;1(1):18-26.

27. **Luminita Fritea**, Mihaela Tertis, Robert Sandulescu, Cecilia Cristea, *Enzymes-graphene platforms for electrochemical biosensors design with biomedical applications*, in book: Methods in Enzymology, vol. 609 Enzyme nanoarchitectures: Enzymes Armored with Graphene, edited by Chala Vijaya Kumar, publisher Elsevier, 2018, 293-333, ISSN 0076-6879.

28. **Luminita Fritea**, Florin Bănică, Traian Octavian Costea, Liviu Moldovan, Ciprian Iovan, Simona Cavalu, *A gold nanoparticles - graphene based electrochemical sensor for sensitive determination of nitrazepam*, Journal of Electroanalytical Chemistry, 2018;830-831:63-71.

29. Simona Cavalu, Iulian Antoniac, **Luminita Fritea**, Aurel Mohan, Augustin Semenescu, Vasile Laslo, Simona Vicas, *Surface modifications of the titanium mesh for cranioplasty using selenium nanoparticles coating*, Journal of Adhesion Science and Technology, 2018;32(22):2509-2522.

30. Simona Cavalu, Simona Bisboaca, Ileana Mariana Mates, Paula Melania Pasca, Vasile Laslo, Traian Costea, **Luminita Fritea**, Simona Vicas, *Novel formulation based on chitosan-arabic gum nanoparticles entrapping propolis extract: Production, physico-chemical and structural characterization*, Revista de Chimie, 2018;69(12):3756-3760.

31. Angela Antonescu, **Luminita Fritea**, Andreea Antonescu, Otilia Micle, Alexandru Jurca, Luciana Dobjanschi, Mariana Muresan, *Leptin, cytokine and/or hormone*, Oradea Medical Journal, 2018;1:4-6. ISSN 2066-7183.

32. **Luminita Fritea**, Andrew J. Gross, Karine Gorgy, Rachel K. O'Reilly, Alan Le Goff, Serge Cosnier, *A bifunctional triblock polynorbornene/carbon nanotube buckypaper bioelectrode for low-potential/high-current thionine-mediated glucose oxidation by FAD-GDH*, Journal of Materials Chemistry A, 2019;7:1447-1450.

33. Ina-Andreea Antonescu (Mintas), Tunde Jurca, Felicia Gligor, Izabela Craciun, **Luminita Fritea**, Eva Brigitta Patay, Mariana Muresan, Denisa Ioana Udeanu, Corina Ana Ioniță, Angela Antonescu, Florian Bodog, *COMPARATIVE PHYTOCHEMICAL AND ANTIOXIDATIVE CHARACTERIZATION OF TRIFOLIUM PRATENSE L. AND OCIMUM BASILICUM L.* FARMACIA, 2019;67(1):146-153.

34. Luciana Dobjanschi, **Luminita Fritea**, Eva Brigitta Pattay, Mircea Tamas, *Comparative study of the morphological and phytochemical characterization of Romanian Solidago species*. Pakistan Journal of Pharmaceutical Sciences, 2019;32(4):1571-1579.

35. Ileana MATES, Iulian ANTONIAC, Vasile LASLO, Simona VICAS, Marcel BROCKS, **Luminita FRITEA**, Claudia MILEA, Aurel MOHAN, Simona CAVALU, *Selenium nanoparticles: production, characterization and possible applications in biomedicine and food science*, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, 2019;81(1):205-216.

36. Mihaela Tertiş, **Luminița Fritea**, Robert Săndulescu, Cecilia Cristea, Graphene and Graphene Nanocomposite-Based Electrochemical Sensors, in book: Handbook of Graphene, vol. 6, chapter 21, edited by Barbara Palys, Scrivener Publishing LLC, 2019, 631–662, ISBN 9781119468455.
37. **Luminita Fritea**, Andrew J. Gross, Bertrand Reuillard, Karine Gorgy, Serge Cosnier, Alan Le Goff, *A Diethyleneglycol-Pyrene-Modified Ru(II) Catalyst for the Design of Buckypaper Bioelectrodes and the Wiring of Glucose Dehydrogenases*, ChemElectroChem, 2019;6:3621-3626.
38. Florina Miere (Groza), Alin Cristian Teusdea, Vasile Laslo, **Luminita Fritea**, Liviu Moldovan, Traian Costea, Diana Uivarosan, Simona Ioana Vicas, Anamaria Pallag, *Natural Polymeric Beads for Encapsulation of Stellaria media Extract with Antioxidant Properties*, Materiale Plastice, 2019;56(4):671-679.
39. S. Cavalu, S. Vicas, T. Costea, **L. Fritea**, D. Copolovici, V. Laslo, *Preparation, Physico-chemical Characterization and Photocatalytic Properties of Se Doped TiO2 Nanoparticles*, Revista de Chimie, 2020;71(1):22-27.
40. Simona Cavalu, **Luminita Fritea**, Marcel Brocks, Katia Barbaro, Gelu Murvai, Traian Octavian Costea, Iulian Antoniac, Claudio Verona, Martina Romani, Alessandro Latini, Romano Zilli, Julietta V. Rau, *Novel Hybrid Composites Based on PVA/SeTiO2 Nanoparticles and Natural Hydroxyapatite for Orthopedic Applications: Correlations between Structural, Morphological and Biocompatibility Properties*, Materials, 2020, 13, 2077; doi:10.3390/ma13092077.
41. Florina Miere (Groza), **Luminița Fritea**, Simona Cavalu, Simona Ioana Vicaș, *FORMULATION, CHARACTERIZATION, AND ADVANTAGES OF USING LIPOSOMES IN MULTIPLE THERAPIES*, Pharmacophore, 11(3) 2020, Pages: 1-12.
42. Miere (Groza) Florina, Teusdea Alin Cristian, Laslo Vasile, **Fritea Luminita**, Cavalu Simona, Costea Traian, Uivarosan Diana, Ganea Mariana, Dobjanschi Luciana, Vicas Simona Ioana, *ENCAPSULATION OF STELLARIA MEDIA EXTRACT IN ALGINATE BEADS BY USING A NOVEL METHOD FOR CONTROLLED RELEASE*, Natural Resources and Sustainable Development, 2020;10(2):200-209.
43. Laslo Vasile, Cornelia Purcarea, Simona Vicas, **Fritea Luminita**, Traian Costea, *IMPACT OF METALLIC NANOPARTICLES ON ASSIMILATORY PIGMENT AND PROLINE ACCUMULATION IN LEAVES OF HORDEUM VULGARE L.*, Natural Resources and Sustainable Development, 2020;10(2):223-239.
44. Andreea Cernat, Bianca Ciui, **Luminita Fritea**, Mihaela Tertis, Cecilia Cristea, *New Materials for the Construction of Electrochemical Cell-Based Biosensors*, in book: Handbook of Cell Biosensors, G. Thouand (ed.), Springer Nature Switzerland AG 2020.
45. **Luminita Fritea**, Paula Melania Pasca, Laurian Vlase, Ana-Maria Gheldiu, Liviu Moldovan, Florin Banica, Luciana Dobjanschi, Simona Cavalu, *Electrochemical methods for evaluation of antioxidant properties of propolis extract incorporated in chitosan nanoparticles*, Materiale Plastice, 2020;57(4):96-108.
46. Luciana Dobjanschi, Eva Brigitta Patay, **Luminița Fritea**, Mircea Tămaș, Alexandru Jurca, Claudia Jurca, Mihaela Zdrinca, *MORPHO-HISTOLOGICAL STUDIES OF THREE ROMANIAN SOLIDAGO SPECIES*, Pakistan Journal of Botany, 2021;53(1):161-166.
47. Miere (Groza), Florina, Vicas, Simona Ioana, Timar, Adrian Vasile, Ganea, Mariana, Zdrinca, Mihaela, Cavalu, Simona, **Fritea, Luminita**, Vicas, Laura, Muresan, Mariana, Pallag, Annamaria, Dobjanschi, Luciana. *Preparation and Characterization of Two Different Liposomal Formulations with Bioactive Natural Extract for Multiple Applications*. Processes, 2021;9(3):432.
48. Vicas, Simona Ioana, Laslo, Vasile, Timar, Adrian Vasile, Balta, Cornel, Herman, Hildegard, Ciceu, Alina, Gharbia, Sami, Rosu, Marcel, Mladin, Bianca, **Fritea, Luminita**, Cavalu, Simona, Cotoraci, Coralia, Prokisch, Jozsef, Puschita, Maria, Pop, Calin, Miutescu, Eftimie, Hermenean, Anca. *Functional Food Product Based on Nanoselenium-Enriched Lactobacillus casei against Cadmium Kidney Toxicity*. Applied Sciences, 2021;11(9):4220.
49. Ioana Lavinia Dejeu, Laura Gratiela Vicas, Tunde Jurca, Alin Cristian Teusdea, Mariana Eugenia Muresan, **Luminita Fritea**, Paula Svera, Gianina Adela Gabor, George Emanuiel Dejeu, Octavian Adrian Maghiar, Anca Salomea Bodea, Annamaria Pallag, Eleonora Marian, *Liposomes with Caffeic Acid: Morphological and Structural Characterization, Their Properties and Stability in Time*, Processes 2021;9:912.
50. Marica Andreea, **Fritea Luminita**, Banica Florin, Sinescu Cosmin, Iovan Ciprian, Hulka Iosif, Rusu Gerlinde, Cavalu Simona, *Carbon Nanotubes for Improved Performances of Endodontic Sealer*, Materials 2021;14(15):4248.
51. Antonescu (Mintas), Andreea-Ina, Miere (Groza), Florina, **Fritea, Luminita**, Ganea, Mariana, Zdrinca, Mihaela, Dobjanschi, Luciana, Antonescu, Angela, Vicas, Simona Ioana, Bodog, Florin, Sindhu, Rakesh K., Cavalu, Simona, *Perspectives on the Combined Effects of Ocimum basilicum and Trifolium pratense Extracts in Terms of Phytochemical Profile and Pharmacological Effects*, Plants-Basel, 2021;10(7):1390.

52. **Fritea L.**, Banica F., Costea T.O., Moldovan L., Dobjanschi L., Muresan M., Cavalu S. *Metal nanoparticles and carbon-based nanomaterials for improved performances of electrochemical (bio)sensors with biomedical applications*, Materials, 2021, 14, 6319.

53. Antonescu, I.A.; Antonescu, A.; Miere, F.; **Fritea, L.**; Teușdea, A.C.; Vicaș, L.; Vicaș, S.I.; Brihan, I.; Domuța, M.; Zdrinca, M.; Zdrinca, M.; Cavalu, S. *Evaluation of Wound Healing Potential of Novel Hydrogel Based on Ocimum basilicum and Trifolium*, Processes 2021;9:2096.

54. Florina Miere (Groza), Alin Cristian Teușdea, Vasile Laslo, Simona Cavalu, **Luminița Fritea**, Luciana Dobjanschi, Mihaela Zdrinca, Marcel Zdrinca, Mariana Ganea, Priscilla Pas, Adriana Ramona Memete, Angela Antonescu, Andreea Margareta Vlad, Simona Ioana Vicas, *Evaluation of In Vitro Wound-Healing Potential, Antioxidant Capacity, and Antimicrobial Activity of Stellaria media (L.) Vill.*, Applied Sciences, 2021;11:11526.

55. Alexandra Ioana Cardos, Adriana Maghiar, Dana Carmen Zaha, Ovidiu Pop, **Luminița Fritea**, Florina Miere (Groza), Simona Cavalu, *Evolution of Diagnostic Methods for Helicobacter pylori Infections: From Traditional Tests to High Technology*, Advanced Sensitivity and Discrimination Tools, Diagnostics 2022, 12, 508.

56. **Luminița Fritea**, Mihaela Tertis, Cecilia Cristea, Robert Sandulescu, *Exploring the Research Progress about the Applications of Cyclodextrins and Nanomaterials in Electroanalysis*, Electroanalysis, DOI 10.1002/elan.202200014, Early Access APR 2022; 35;1: article number 2200014.

57. Pasca Paula Melania, Miere (Groza) Florina, Antonescu Angela, **Fritea Luminița**, Banica Florin, Vicas Simona Ioana, Laslo Vasile, Zaha Dana Carmen, Cavalu Simona, *Novel Liposomal Formulation with Azelaic Acid: Preparation, Characterization, and Evaluation of Biological Properties*, Applied Sciences, 2022;12(24):13039.

58. Miere (Groza) Florina, Ganea Mariana, Teodorescu Andrei George, Fritea Luminița, Lestyan Marieta, Horvath Tunde, Hanga-Farcas Alina, Vicas Simona Ioana, *THE GREEN SYNTHESIS OF SILVER AND SELENIUM NANOPARTICLES USING THE PLANT STELLARIA MEDIA (L.) VILL.*, Pharmacophore, 2022;13(2):88-95

59. **Fritea Luminița**, Sipponen Maruzella, Antonescu Angela, Miere Florina (Groza), Chirla Razvan, Vesa Cosmin, Cavalu Simona, Ganea Mariana, Horvath Tunde, Petchesi Codruta, Domuta Maria, *RELATIONSHIP BETWEEN PRE-EXISTING CONDITIONS IN COVID-19 PATIENTS AND INFLAMMATION*, Pharmacophore, 2022;13(4):41-48.

60. Andreea-Iana Antonescu (Mintas), Antonescu Angela, Groza Florina (Miere), **Fritea Luminița**, Teodorescu Andrei George, Vicas Laura, Brihan Ilarie, Domuta Maria, Zdrinca Mihaela, Zdrinca Marcel, Dobjanschi Luciana, Ganea Mariana, Cavalu Simona, *NOVEL TOPICAL FORMULATIONS BASED ON O. BASILICUM AND T. PRATENSE: ANTIOXIDANT, ANTIMICROBIAL, AND ANTI-INFLAMMATORY EFFECT*, Pharmacophore, 2022;13(4):80-90.

61. Hanga-Farcas, A.; Miere, F.; Filip, G.A.; Clichici, S.; **Fritea, L.**; Vicas, L.G.; Marian, E.; Pallag, A.; Jurca, T.; Filip, S.M.; Muresan M.E. *Phytochemical Compounds Involved in the Bone Regeneration Process and Their Innovative Administration: A Systematic Review*. Plants 2023, 12, 2055.

62. Restea, P.-A.; Tigan, S.; Vicas, L.G.; **Fritea, L.**; Marian, E.; Jurca, T.; Pallag, A.; Muresan, I.L.; Moisa, C.; Micle, O.; Muresan M.E. *Serum Level of Ceruloplasmin, Angiotensin-Converting Enzyme and Transferrin as Markers of Severity in SARS-CoV-2 Infection in Patients with Type 2 Diabetes*. Microbiology Research 2023, 14, 1670–1686.

Prezentări/Conferințe/Congrese

1. *Synthesis and in vitro evaluation of the therapeutic activity of erythromycin-beta-cyclodextrin*, Eleonora Marian, Mariana Mureșan, **Luminița Fritea**, Conference of applied informatics in medical and pharmaceutical sciences, Oradea, 29.04-01.05.2011.

2. *Electrochemical methods of pharmaceutical analysis*, **Luminița Fritea**, Anca Florea, Mirela Țit, Robert Săndulescu, Zilele farmaceutice oradene, editia VI, Oradea, 10-12.05.2012 (poster).

3. *Electrozi modificati cu micro si nanoparticule pe baza de argile si carbon in analiza farmaceutica si de mediu*, Adela Maghear, **Luminița Fritea**, Mihaela Tertis, Cecilia Cristea, Ede Bodoki, Robert Săndulescu, Zilele UMF „Iuliu Hațieganu” Cluj-Napoca, 3-7.12.2012 (poster) - ISSN 2285-889X.

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79. EVALUAREA POTENȚIALULUI CICATRIZANT, ANTIOXIDANT SI ANTIMICROBIAN AL EXTRACTULUI DE STELLARIA MEDIA, Florina MIERE (GROZA), Alin Cristian TEUȘDEA, Vasile LASLO, Simona CAVALU, **Luminița FRITEA**, Luciana DOBJANSCHI, Mihaela ZDRINCĂ, Marcel ZDRINCĂ, Mariana GANEA, Priscilla PASC, Adriana Ramona MEMETE, Angela ANTONESCU, Andreea Margareta VLAD, Simona Ioana VICAȘ, Zilele Facultatii de Medicina si Farmacie, Editia XXIX, mai 2023, Oradea, ISSN 1844-9530.

80. PROPRIETĂȚILE ANTIOXIDANTE ALE EXTRACTULUI DE PROPOLIS ÎNCORPORAT ÎN NANOPARTICULE DE CHITOSAN, **Luminița FRITEA**, Paula Melania PAȘCA, Florin BĂNICĂ, Liviu MOLDOVAN, Traian COSTEA, Luciana DOBJANSCHI, Simona CAVALU, Zilele Facultatii de Medicina si Farmacie, Editia XXIX, mai 2023, Oradea, ISSN 1844-9530.

81. NANOCOMPOZIT PE BAZĂ DE PVA/SeTiO₂ ȘI HIDROXIAPATITĂ CU APLICAȚII ORTOPEDICE, **Luminița FRITEA**, Marcel BROCKS, Gelu MURVAI, Traian COSTEA, Liviu MOLDOVAN, Simona CAVALU, Zilele Facultatii de Medicina si Farmacie, Editia XXIX, mai 2023, Oradea, ISSN 1844-9530.

Proiecte

1. Proiect "Summer School Electrochemistry for Environmental and Biomedical Applications" PN-II-ID-SSA-2012-2-027 - UMF Cluj-Napoca, 17-21.06.2013 – membru.
2. DocMed.net POSDRU/159/1.5/S/136893: "Electrozi modificați cu ciclodextrine, utilizați pentru detecția de compuși farmaceutici și biomedicali", 2014-2015, membru.
3. Proiect "PHC Brancuși" 2015-2016, 32602QD, coordonat by Campus France and University of Medicine and Pharmacy Iuliu Hatieganu, Cluj-Napoca; membru.
4. Proiect PN-III-P2-2.1-PED-2016-1846: „Nanoparticule de seleniu îmbogățite cu probiotice ca alimente funcționale împotriva toxicității induse de metale grele”, membru.
5. Proiect PN III-P2-2.1-CI-2017-0064 "Transfer tehnologic pentru obtinerea unor produse

- terapeutice inovative pe baza de nanopropolis", membru.
6. Proiect PN-III-P2-2.1-CI-2017-0428 "Optimizarea procesului tehnologic de obținere a unor produse naturale inovatoare cu impact pozitiv asupra sănătății umane", membru.
 7. Proiect CNFIS-FDI-2018-0552 "Cercetare de excelență la Universitatea din Oradea în domeniul nanomaterialelor", membru.
 8. Proiect CNFIS-FDI-2019-0702 "Cercetare de excelență la Universitatea din Oradea în domeniul materialelor avansate" – membru.
 9. Proiect 123008, "SmartDoct- Programe de înalta calitate pentru doctoranzii și cercetătorii postdoctorat ai Universității din Oradea pentru creșterea relevanței cercetării și inovării în contextual economiei regionale", POCU 2014-2020; 2019-2020, membru.
 10. Proiect grant intern: Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic: INO-TRANSFER-UIO, 309/2021, membru.
 11. Proiect grant intern: Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic: INO-TRANSFER-UIO, 324/2021, director de proiect (30.000 lei).
 12. Proiect grant intern: Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic: INO-TRANSFER-UIO, 246/2022, membru.
 13. Proiect grant intern: Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic: INO-TRANSFER-UIO, 247/2022, membru.
 14. Proiect EU-GREEN, European Alliance, membru în Cluster 1, Work Package 3 Research.

Burse/Distinții/Premii

1. Bursa ERASMUS, 2013 (acordată de UMF Iuliu Hatieganu, Cluj-Napoca)
 2. Bursa Fundația "Iuliu Hatieganu", 2014, (acordată de UMF Iuliu Hatieganu, Cluj-Napoca)
 3. "Bourse Doc JE 2015", (acordată de Societate Chimique de France pentru participarea la congresul Journées d'électrochimie, Roma, Italia, 2015)
 4. Bursa acordată de Agence Universitaire de la Francophonie, 2015 (pentru participarea la congresul Journées d'électrochimie, Roma, Italia, 2015)
 5. Bursa post-doc, 2017 (acordată de Guvernul francez – Institutul francez din România).
1. Premiul 2 pentru "Cel mai bun poster" la conferința "The 14th International Symposium and Summer School on Bioanalysis", Bratislava-Smolenice, Slovacia, 28.06-06.07.2014
 2. Premiul "Tanarul cercetător" 2014 (pentru publicarea articolului ISI cu IF 4.847), acordat de Universitatea de Medicină și Farmacie "Iuliu Hatieganu", Cluj-Napoca
 3. Premiul „Ion Băciu” 2015 (pentru cea mai bună teză de doctorat cu articole ISI cu IF cumulativ de 18.6) acordat de Universitatea de Medicină și Farmacie „Iuliu Hatieganu”, Cluj-Napoca
 4. Premiul pentru aportul deosebit în activitatea de cercetare științifică, 2018, acordat de Societatea de Științe Farmaceutice din România
 5. Premiul rezultatelor cercetării, acordat de UEFISCDI 2014, 2015, 2016, 2017, 2019, 2020, 2021.

Afilieri

1. Colegiul Farmacistilor, Bihor, 2011
2. Asociația Română a Farmacistilor Clinicieni (ARFC), 2013
3. International Society of Electrochemistry, 2015
4. Bioelectrochemistry Society, 2015
5. Societatea Română de Biochimie și Biologie Moleculară, 2015.
6. Societatea de Științe Farmaceutice din România, 2016.
7. Societatea Română de Biomateriale, România, 2017.

Citări

634 citări, h-index 16 (Web of Science), h-index 16 (Scopus), h-index 20 (Google Scholar)

Data
20.12.2023

Semnatura
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