Curriculum vitae

Personal information

Surname / First name	**Negrea-Ghiulai Roxana Maria**
E-mail	roxana.ghiulai@umft.ro
Nationality	Romanian

Current position

University Professor, Pharmacology, Pharmacotherapy and Pathophysiology, Faculty of Pharmacy, Department II, "Victor Babeș" University of Medicine and Pharmacy, Timișoara

Professional experience

Dates	September 2024- present
Position held	University Professor, Pharmacology, Physiology and Pathophysiology Academic unit, Department II
Main activities and responsibilities	Teaching lectures and laboratory classes in Pharmacology–Pharmacotherapy to students of the Faculty of Pharmacy (Romanian- and French-language programmes), Pharmacy Assistance, Medical Cosmetics and Cosmetic Product Technology; scientific research
Name and address of employer	"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy, 2 Eftimie Murgu Square, Timișoara 300041
Type of business or sector	Higher education institution in medicine and pharmacy

Dates	September 2022- September 2024
Position held	Associate Professor, Pharmacology–Pharmacotherapy, Department II
Main activities and responsibilities	Teaching lectures and laboratory classes in Pharmacology–Pharmacotherapy to students of the Faculty of Pharmacy (Romanian- and French-language programmes) and Pharmacy Assistance; scientific research
Name and address of employer	"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy, 2 Eftimie Murgu Square, Timișoara 300041
Type of business or sector	Higher education institution in medicine and pharmacy

Dates	September 2020- September 2022
Position held	Associate Professor, Pharmaceutical Chemistry, Department II
Main activities and responsibilities	Teaching lectures and laboratory classes in Pharmaceutical Chemistry to students of the Faculty of Pharmacy (Romanian- and French-language programmes) and Pharmacy Assistance; scientific research
Name and address of employer	"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy, 2 Eftimie Murgu Square, Timișoara 300041
Type of business or sector	Higher education institution in medicine and pharmacy

Dates	September 2019- present
Position held	
Main activities and responsibilities	

Name and address of employer	Clinical Pharmacist
Type of business or sector	Provision of clinical pharmacy services in a hospital setting
Dates	Timișoara Municipal Emergency Clinical Hospital, 1 Hector Street, Timișoara 300041
Position held	Healthcare
Main activities and responsibilities	
	September 2016- September 2020
Name and address of employer	
	Lecturer, Pharmaceutical Chemistry, Department II
Type of business or sector	Teaching lectures and laboratory classes in Pharmaceutical Chemistry to students of the Faculty of Pharmacy (Romanian- and French-language programmes) and Pharmacy Assistance; scientific
Dates	research
Position held	"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy, 2 Eftimie Murgu Square, Timișoara 300041
Main activities and responsibilities	
	Higher education institution in medicine and pharmacy
Name and address of employer	September 2014 – September 2016
Type of business or sector	Teaching Assistant, Pharmaceutical Chemistry, Department II
Dates	Teaching laboratory classes in Pharmaceutical Chemistry and Toxicology for the Romanian- and French-language programmes; Scientific research activities
Position held	
Main activities and responsibilities	"Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy, 2 Eftimie Murgu Square, Timișoara 300041
Name and address of employer	Higher education institution in medicine and pharmacy
Type of business or sector	September 2010 – March 2012
Dates	Pharmacist
Position held	Provision of pharmaceutical services in a community pharmacy
Main activities and responsibilities	S.C. SIEPCOFAR S.A. – "Dona" Pharmacies, Timișoara, Romania
Name and address of employer	Healthcare; community pharmacy
	February 2009 – March 2010
	Pharmacist
	Provision of pharmaceutical services in a community pharmacy
	"Cynara" Pharmacy, Gh. Lazăr Street, Timișoara, Romania
Type of business or sector	Healthcare; community pharmacy
Dates	January 2008–December 2008
Position held	Pharmacist
Main activities and responsibilities	Provision of pharmaceutical services in a community pharmacy
Name and address of employer	"Hygeia" Pharmacy, F. Mercy Street, Timișoara, Romania
Type of business or sector	Healthcare; community pharmacy
Dates	January 2008 – January 2011

Position held	Resident Pharmacist, Clinical Pharmacy specialty
Main activities and responsibilities	Completion of the specialist training curriculum and rotations
Name and address of employer	Timișoara County Emergency Clinical Hospital, 156 Liviu Rebreanu Boulevard, Timișoara 300723
Type of business or sector	Healthcare

Education and training

Dates	December 2023
Qualification / Diploma awarded	Habilitation certificate in the doctoral study field of Pharmacy; Ministerial Order No. 323 / 22.01.2024
Name and type of education institution	"Victor Babeș" University of Medicine and Pharmacy, Timișoara
Dates	November 2018-November 2022
Qualification / Diploma awarded	PhD degree in Pharmacy
Principal subjects studied	Fundamental pharmaceutical research; advanced instrumental and biomedical analysis
Name and type of education institution	"Victor Babeș" University of Medicine and Pharmacy, Timișoara
Dates	October 2017- June 2019
Qualification / Diploma awarded	Master's degree
Principal subjects studied	Phytopharmaceutical Biotechnology
Name and type of education institution	Banat University of Agricultural Sciences and Veterinary Medicine, Timișoara
Dates	October 2016- July 2017
Qualification / Diploma awarded	Certificate in Psycho-Pedagogical Training
Principal subjects studied	Psycho-pedagogical training, Levels I and II
Name and type of education institution	West University of Timișoara
Dates	June 2016
Qualification / Diploma awarded	Senior Specialist Pharmacist, Clinical Pharmacy
Name and type of education institution	"Carol Davila" University of Medicine and Pharmacy, Bucharest
Dates	November 2010- June 2014
Qualification / Diploma awarded	PhD degree in Medicine
Principal subjects studied	Fundamental biomedical research; advanced instrumental analysis
Name and type of education institution	"Victor Babeș" University of Medicine and Pharmacy, Timișoara
Dates	January 2008 – January 2011
Qualification / Diploma awarded	Specialist Pharmacist, Clinical Pharmacy
Principal subjects studied	Specialist training curriculum
Name and type of education institution	"Victor Babeș" University of Medicine and Pharmacy, Timișoara
Dates	October 2002 – September 2007
Qualification / Diploma awarded	Pharmacist

Principal subjects studied	Pharmacology, Pharmaceutical Chemistry, Toxicology, Pharmaceutical Technology, Biochemistry, Clinical Pathology
Name and type of education institution	Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy, Timișoara

Personal skills and competences

Mother tongue Romanian

Other languages: English, French, German

Self-assessment European level

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Very good	Very good	Very good	Very good	Very good
French	Very good	Very good	Very good	Very good	Very good
German	Good	Good	Good	Good	Good

Social skills and competences: Communicative, sociable, adaptable, responsible, positive attitude; teamwork, mediation and intercultural skills

Organisational skills and competences: Ability to prioritise tasks, dynamism, attention to detail

Technical skills and competences: Research laboratory work, preparation of compounded and pharmacopoeial medicines, advanced instrumental analysis

Computer skills and competences: MS Windows (Word, Power Point, Excel)

Other skills and competences: Hobbies: travel, photography, reading, music, sports

Driving licence: Categoria B

Additional information

In extenso ISI publications in journals with an impact factor

1. Bătrîna, O*.; **Negrea-Ghiulai, R*.;** Suciu, L.; Racoviceanu, R.; Atyim, E.; Jorgovan, M.; Maksimovic, T.; Mioc, A.; Trandafirescu, C.; Șoica, C.; et al (*** equal contribution**).. Plant-Derived Compounds as Potential Sensitizers to Immunotherapy in Melanoma. *Int. J. Mol. Sci.* **2026**, *27*, 4423. https://doi.org/10.3390/ijms27104423
2. **Roxana Ghiulai** , Marius Mioc , Roxana Racoviceanu , Alexandra Prodea , Andreea Milan, Dorina Coricovac , Cristina Dehelean , Stefana Avram , Alina D. Zamfir, Cristian V. A. Munteanu ,Viviana Ivan Codruta Soica. Structural Investigation of Betulinic Acid Plasma Metabolites by Tandem Mass Spectrometry. Molecules 2022, 27, 7359. https://doi.org/10.3390/molecules27217359.
3. **Roxana Ghiulai**, Alexandra Mioc, Roxana Racoviceanu, Marius Mioc, Andreea Milan, Alexandra Prodea, Alexandra Semenescu, Cristina Dehelean , Lucian Barbu Tudoran, Ștefana Avram, Cristina Trandafirescu, Codruța Șoica. The Anti-Melanoma Effect of Betulinic Acid Functionalized Gold Nanoparticles: A Mechanistic In Vitro Approach. *Pharmaceuticals* 2022, *15*, 1362. https://doi.org/10.3390/ph15111362
4. Daliana Minda*, **Roxana Ghiulai***, Christian Dragos Banciu, Ioana Zinuca Pavel, Corina Danciu, Roxana Racoviceanu, Codruta Soica, Oana Daniela Budu, Delia Muntean, Zorita Diaconeasa, Cristina Adriana Dehelean, Stefana Avram (*equal contribution). Phytochemical Profile, Antioxidant and Wound Healing Potential of Three Artemisia Species: In Vitro and In Ovo Evaluation. Appl. Sci. 2022, 12, 1359. https://doi.org/10.3390/app12031359
5. Codruta Soica, Mirela Voicu, **Roxana Ghiulai***, Cristina Dehelean, Roxana Racoviceanu, Cristina Trandafirescu, Oana-Janina Rosca, Gabriela Nistor, Marius Mioc, Alexandra Mioc (*corresponding author). Natural Compounds in Sex Hormone-Dependent Cancers: The Role of Triterpenes as Therapeutic Agents. Front. Endocrinol. 2021 11:612396. doi: 10.3389/fendo.2020.612396
6. Florin Borcan, Adél, Cristina A. Dehelean, Zoltán Dudás**, Roxana Ghiulai* ,**Andrada Iftode, Roxana Racoviceanu, Codruta M. Soica (*corresponding author). Design and Assessment of a Polyurethane Carrier Used for the Transmembrane Transfer of Acyclovir. Nanomaterials 2021, 11, 51. https://dx.doi.org/10.3390/nano11010051

7. Roxana Racoviceanu, Cristina Trandafirescu, Mirela Voicu, **Roxana Ghiulai** *, Florin Borcan, Cristina Dehelean, Claudia Watz, Zoltán Aigner, Rita Ambrus, Dorina Elena Coricovac, Denisa Cîrcioban, Alexandra Mioc, Camelia Alexandrina Szuhanek, Codruta Soica (*corresponding author). Solid Polymeric Nanoparticles of Albendazole: Synthesis, Physico-Chemical Characterization and Biological Activity. Molecules 2020, 25, 5130; doi:10.3390/molecules25215130
8. **Roxana Ghiulai**, Oana Janina Rosca, Diana Simona Antal, Marius Mioc, Alexandra Mioc, Roxana Racoviceanu, Ioana Macasoi, Tudor Olariu, Cristina Dehelean, Octavian Marius Cretu, Mirela Voicu, Codruta Soica. Tetracyclic and Pentacyclic Triterpenes with High Therapeutic Efficiency in Wound Healing Approaches. Molecules 2020, 25, 5557; doi:10.3390/molecules25235557
9. **Roxana Ghiulai**, Stefana Avram, Dana Stoian, Ioana Zinuca Pavel, Dorina Coricovac, Camelia Oprean, Laurian Vlase, Claudia Farcas, Marius Mioc, Daliana Minda, Andrei Motoc, Camelia Szuhanek, Corina Danciu, Codruta Soica, Laurentiu Sima. Lemon Balm Extracts Prevent Breast Cancer Progression *In Vitro* and *In Ovo* on Chorioallantoic Membrane Assay. *Evidence-Based Complementary and Alternative Medicine 2020*, Article ID 6489159, 17 pages. https://doi.org/10.1155/2020/6489159
10. Mirela Nicolov *, **Roxana M. Ghiulai** *, Mirela Voicu, Marius Mioc, Adina Octavia Duse, Roxana Roman, Rita Ambrus, Istvan Zupko, Elena Alina Moaca, Dorina E. Coricovac, Claudia Farcas, Roxana Marcela Racoviceanu, Corina Danciu, Cristina-Adriana Dehelean, Codruta Soica (* equal contribution). Cocrystal Formation of Betulinic Acid and Ascorbic Acid: Synthesis, Physico-Chemical Assessment, Antioxidant and Antiproliferative Activity. *Front. Chem. 2019* 7:92. doi: 10.3389/fchem.2019.00092;
11. Alexandra Mioc, Marius Mioc, **Roxana Ghiulai***, Mirela Voicu, Roxana Racoviceanu, Cristina Trandafirescu, Cristina Dehelean, Dorina Coricovac, Codruta Soica (*corresponding author). Gold Nanoparticles as Targeted Delivery Systems and Theranostic Agents in Cancer Therapy. *Current Medicinal Chemistry, 2019*, *26,* 1-20;
12. Marius Mioc, Sorin Avram, Vasile Bercean, Ludovic Kurunczi**, Roxana M. Ghiulai***, Camelia Oprean, Dorina E. Coricovac, Cristina Dehelean, Alexandra Mioc, Mihaela Balan-Porcarasu, Calin Tatu and Codruta Soica (*corresponding author). Design, Synthesis and Biological Activity Evaluation of S-Substituted 1H-5-Mercapto-1,2,4-Triazole Derivatives as Antiproliferative Agents in Colorectal Cancer. *Front. Chem. 2018* 6:373. doi: 6.3389/fchem.2018.00373;
13. Ioana Macasoi, Marius Mioc, Delia Berceanu Vaduva, **Roxana Ghiulai***, Alexandra Mioc, Codruta Soica, Danina Muntean, Victor Dumitrascu (*corresponding author). In silico Evaluation of the Antiproliferative Mithocondrial Targeted Mechanism of Action of Some Pentacyclic Triterpene Derivatives. *REV.CHIM. 2018* 69(12) 3361-3363;
14. Corina Danciu, Cosmin Citu, Istvan Zupko, **Roxana Ghiulai***, Petru Matusz, Ioana Zinuca Pavel, Alexandra Popescu, Iulia Pinzaru,Georgeta Simu, Vlad C. Daliborca (*corresponding author). *In vitro* antiproliferative activity of flavonols: fisetin, quercetin and kaempferol and their cyclodextrin complexes. *FARMACIA, 2015*, Vol. 63, 6: 858-864;
15. **Ghiulai RM**, Sarbu M, Vukelić Ž, Ilie C, Zamfir AD. Early stage fetal neocortex exhibits a complex ganglioside profile as revealed by high resolution tandem mass spectrometry. *Glycoconj. J. 2014*; 31:231–245;
16. Sarbu M*, **Ghiulai RM***, Zamfir AD (*equal contribution). Recent developments and applications of electron transfer dissociation mass spectrometry in proteomics. *Amino Acids 2014*; 46:1625-1634;
17. **Ghiulai RM**, Galusca M, Sisu I, Sisu E, Zamfir AD. High resolution mass spectrometric characterisation of amino linked oligosaccharides – a preliminary study. *Cent. Eur. J. Chem. 2013*; 11(8):1309-1319;
18. Atyim, E.; Atyim, L.; Mioc, M.; Mioc, A.; Șoica, C.; Gheorghe, D.R.; Negrea-Ghiulai, R.; Paşcalău, N.A. Structure-Based Computational Evaluation of Betulinic Acid-Derived Hybrids as Potential Bcl-2/Bcl-XL Modulators. *Processes* **2026**, *14*, 1707. https://doi.org/10.3390/pr14111707
19. Marius Mioc, Alexandra Mioc, Roxana Racoviceanu, Roxana Ghiulai, Alexandra Prodea, Andreea Milan, Lucian Barbu Tudoran, Camelia Oprean, Viviana Ivan, Codruta Soica. The Antimelanoma Biological Assessment of Triterpenic Acid Functionalized Gold Nanoparticles. Molecules 2023, 28, 421. https:// doi.org/10.3390/molecules28010421.
20. Nistor, G.; Mioc, A.; Mioc, M.; Balan-Porcarasu, M.; Ghiulai, R.; Racoviceanu, R.; Avram, S, .; Prodea, A.; Semenescu, A.; Milan, A.; et al. Novel Semisynthetic Betulinic Acid−Triazole Hybrids with In Vitro Antiproliferative Potential. Processes 2023, 11, 101. https://doi.org/10.3390/pr11010101
21. Nistor, G.; Mioc, M.; Mioc, A.; Balan-Porcarasu, M.; Racoviceanu, R.; Prodea, A.; Milan, A.; Ghiulai, R.; Semenescu, A.; Dehelean, C.; et al. The C30-Modulation of Betulinic Acid Using

1,2,4-Triazole: A Promising Strategy for Increasing Its Antimelanoma Cytotoxic Potential. Molecules 2022, 27, 7807. https://doi.org/10.3390/molecules27227807
22. Gabriela Nistor, Cristina Trandafirescu, Alexandra Prodea, Andreea Milan, Andreea Cristea, Roxana Ghiulai, Roxana Racoviceanu, Alexandra Mioc, Marius Mioc, Viviana Ivan, Codruta Soica. Semisynthetic Derivatives of Pentacyclic Triterpenes Bearing Heterocyclic Moieties with Therapeutic Potential. Molecules 2022, 27, 6552. https://doi.org/10.3390/molecules27196552
23. Marius Mioc. Alexandra Mioc, Alexandra Prodea, Andreea Milan, Mihaela Balan-Porcarasu, Roxana Racoviceanu, Roxana Ghiulai, Gheorghe Iovanescu, Ioana Macasoi, George Draghici, Cristina Dehelean, Codruta Soica. Novel Triterpenic Acid—Benzotriazole Esters Act as Pro-Apoptotic Antimelanoma Agents. Int. J. Mol. Sci. 2022, 23, 9992. https://doi.org/10.3390/ijms23179992
24. Marius Mioc, Alexandra Prodea, Roxana Racoviceanu, Alexandra Mioc, Roxana Ghiulai, Andreea Milan, Mirela Voicu, Gabriel Mardale, Codruta Soica. Recent Advances Regarding the Molecular Mechanisms of Triterpenic Acids: A Review (Part II). Int. J. Mol. Sci. 2022, 23, 8896. https://doi.org/10.3390/ijms23168896
25. Marius Mioc, Andreea Milan, Daniel Malita, Alexandra Mioc, Alexandra Prodea, Roxana Racoviceanu, Roxana Ghiulai, Andreea Cristea , Florina Căruntu, Codruta Soica. Recent Advances Regarding the Molecular Mechanisms of Triterpenic Acids: A Review (Part I). Int. J. Mol. Sci. 2022, 23, 7740. https://doi.org/ 10.3390/ijms23147740
26. Prodea, A.; Mioc, A.;Banciu, C.; Trandafirescu, C.; Milan,A.; Racoviceanu, R.; Ghiulai, .; Mioc,M.; Soica, C. The Role of Cyclodextrins in the Design and Development of Triterpene-Based Therapeutic Agents. Int. J. Mol. Sci.2022, 23, 736. https://doi.org/10.3390/ijms23020736
27. Milan, A.; Mioc, A.; Prodea,A.; Mioc, M.; Buzatu, R.; Ghiulai, R.;Racoviceanu, R.; Caruntu, F.; ¸Soica, C.The Optimized Delivery of Triterpenes by Liposomal Nanoformulations: Overcoming the Challenges. Int. J. Mol. Sci. 2022, 23,1140. https://doi.org/10.3390/ijms23031140
28. Simona Sipos, Elena-Alina Moaca, Ioana Zinuca Pavel, Stefana Avram, Octavian Marius Cretu, Dorina Coricovac, Roxana-Marcela Racoviceanu, Roxana Ghiulai, Ramona Daniela Pana, Codruta Marinela Soica, Florin Borcan, Cristina Adriana Dehelean, Zorin Crainiceanu. Melissa officinalis L. Aqueous Extract Exerts Antioxidant and Antiangiogenic Effects and Improves Physiological Skin Parameters. Molecules 2021, 26, 2369. https://doi.org/10.3390/molecules26082369
29. Delia Dumbrava, Liviana Alexandra Popescu, Codruta Marinela Soica, Alma Nicolin, Ileana Cocan, Monica Negrea, Ersilia Alexa, Diana Obistioiu, Isidora Radulov, Sofia Popescu, Claudia Watz, Roxana Ghiulai, Alexandra Mioc, Camelia Szuhanek, Cosmin Sinescu, Cristina Dehelean. Nutritional, Antioxidant, Antimicrobial, and Toxicological Profile of Two Innovative Types of Vegan, Sugar-Free Chocolate.Foods 2020, 9, 1844; doi:10.3390/foods9121844
30. Claudia Geanina Farcas, Cristina Dehelean., Iulia Andreea Pinzaru, Marius Mioc, Vlad Socoliuc, Elena-Alina Moaca, Stefana Avram, Roxana Ghiulai, Dorina Coricovac, Ioana Pavel, Praveen Kumar Alla, Octavian Marius Cretu, Codruta Soica, Felicia Loghin. Thermosensitive Betulinic Acid-Loaded Magnetoliposomes: A Promising Antitumor Potential for Highly Aggressive Human Breast Adenocarcinoma Cells Under Hyperthermic Conditions. International Journal of Nanomedicine 2020:15 8175–8200
31. Elena-Alina Moaca, Ioana Zinuca Pavel, Corina Danciu, Zorin Crainiceanu, Daliana Minda, Florina Ardelean, Diana Simona Antal, Roxana Ghiulai, Andreea Cioca, Mihnea Derban, Sebastian Simu, Raul Chioibas, Camelia Szuhanek, Cristina-Adriana Dehelean.Romanian Wormwood (Artemisia absinthium L.): Physicochemical and Nutraceutical Screening. Molecules 2019, 24, 3087; doi:10.3390/molecules24173087
32. Delia Muntean, Monica Licker, Ersilia Alexa, Iuliana Popescu, Calin Jianu, Valentina Buda, Cristina Adriana Dehelean, Roxana Ghiulai, Florin Horhat, Delia Horhat, Corina Danciu. Evaluation of essential oil obtained from Mentha×piperita L. against multidrug-resistant strains. Infection and Drug Resistance 2019, 12, 2905–2914, Dovepress
33. Corina Danciu, Codruța Şoica, Diana Antal, Ersilia Alexa, Ioana Z. Pavel, Roxana Ghiulai, Florina Ardelean, Roxana M. Băbuță, Alexandra Popescu and Cristina A. Dehelean. Natural Compounds in the Chemoprevention of Malignant Melanoma. Anti-Cancer Agents in Medicinal Chemistry, 2018, 18, 1-14
34. Corina Danciu, Ștefana Avram, Ioana Zinuca Pavel, Roxana Ghiulai, Cristina Adriana Dehelean, Ersilia Alexa, Daliana Minda, Cristina Petrescu, Elena-Alina Moacă and Codruța Șoica. Main Isoflavones Found in Dietary Sources as Natural Anti-inflammatory Agents. Current Drug Targets, 2018, 19, 841-853
35. Corina Danciu, Iulia Andreea Pinzaru, Cristina Adriana Dehelean, Monica Hancianu, Istvan Zupko, Dan Navolan, Monica Licker, Roxana Maria Ghiulai, Codruța Marinela Şoica.

Antiproliferative and antimicrobial properties of pure and encapsulated rutin. Farmacia, 2018, Vol. 66, 2

36. Marius Mioc, Ioana Zinuca Pavel, Roxana Ghiulai, Dorina E. Coricovac, Claudia Farcas, Ciprian-Valentin Mihali, Camelia Oprean, Vlad Serafim, Ramona A. Popovici, Cristina A. Dehelean, Michael I. Shtilman, Aristidis M. Tsatsakis and Codruta Soica. The Cytotoxic Effects of Betulin-Conjugated Gold Nanoparticles as Stable Formulations in Normal and Melanoma Cells. Front. Pharmacol. 2018, 9:429
37. Marius Mioc, Codruta Soica, Vasile Bercean, Sorin Avram, Mihaela Balan-Porcarasu, Dorina Coricovac, Roxana Ghiulai, Delia Muntean, Florina Andrica, Cristina Dehelean, Demetrios A. Spandidos, Aristides M. Tsatsakis and Ludovic Kurunczi. Design, synthesis and pharmaco-toxicological assessment of 5-mercapto-1,2,4-triazole derivatives with antibacterial and antiproliferative activity. International Journal Of Oncology 2017 50: 1175-1183,
38. Stefana Avram, Dorina Elena Coricovac, Ioana Zinuca Pavel, Iulia Pinzaru, Roxana Ghiulai, Flavia Baderca, Codruta Soica, Danina Muntean, Daciana E. Branisteanu, Demetrios A. Spandidos, Aristides M.Tsatsakis And Cristina Adriana Dehelean. Standardization of A375 human melanoma models on chicken embryo chorioallantoic membrane and Balb/c nude mice. Oncology Reports 2017 38: 89-99
39. Sarbu M, Robu A, Ghiulai RM., Vukelić Ž, Clemmer DE, Zamfir AD. Electrospray Ionization Ion Mobility Mass Spectrometry of Human Brain Gangliosides.Analytical Chemistry 2016 88 (10), 5166-5178. DOI: 10.1021/acs.analchem.6b00155
40. Cosmin Citu, Corina Danciu, Iulia Pinzaru, Roxana Ghiulai, Lavinia Vlaia, Vicentiu Vlaia, Florin Borcan, Catalin Dumitru, Ioana Zinuca Pavel, Ioan Sas, Elena Bernad. Genistein and its Fatty Acid Esters as New In vitro Antitumor Compounds. REV. CHIM. (Bucharest) 2015; 66 (8):1100-1104;
41. Iulia Pinzaru, Cristina Trandafirescu, Zoltan Szabadai, Marius Mioc, Ionut Ledeti, Dorina Coricovac, Sorina Ciurlea, Roxana Maria Ghiulai, Zorin Crainiceanu, Georgeta Simu. Synthesis and biological evaluation of some pentacyclic lupane triterpenoid esters. REV. CHIM. BUCHAREST 2014; 65 (7):848-851
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44. Rotunjanu, S.; Racoviceanu, R.; Mioc, A.; Milan, A.; Negrea-Ghiulai, R.; Mioc, M.; Marangoci, N.L.; Şoica, C. Newly Synthesized $CoFe_{2-x}Dy_xO_4$ (x = 0; 0.1; 0.2; 0.4) Nanoparticles Reveal Promising Anticancer Activity against Melanoma (A375) and Breast Cancer (MCF-7) Cells. *Int. J. Mol. Sci.* **2023**, *24*, 15733. https://doi.org/10.3390/ijms242115733
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48. Mardale, G., Dumitrașcu, V., Pop, R., Dumitru, C., Muntean, D., Mioc, M., Mioc, A., Mara, B.-I., Balan-Porcarasu, M., Budu, O., **Negrea-Ghiulai, R**., & Șoica, C. (2026). In Vitro and In Silico Evaluation of the Antitumor Potential of New Benzotriazole–1,2,4-Triazole Hybrids. Pharmaceuticals, 19(10), 1591. https://doi.org/10.3390/ph19101591
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53. Ghiulai RM, Mosoarca C, Vukelic Z, Sisu E, Zamfir AD. Aplication of fully automated chip-based nanoelectrospray ion trap mass spectrometry for mapping and sequencing of fetal cerebellum gangliosides. The Polish Society for Mass Spectrometry &The German Society for Mass Spectrometry Conference (DGMS), Poznan, Poland, 4-7 March 2012; Book of abstracts, P 61, p.147, ISBN 978-83-7712-064-4
54. Ghiulai RM, Mosoarca C, Vukelic Z, Zamfir AD. High-throughput mass spetrometric determination of ganglioside expression and structure in human fetal cerebellum. The German Society for Mass Spectrometry Conference (DGMS), Konstanz Germania, 8-11 March 2009; Book of abstracts, PB 07, p.162, ISBN 978-3-89318-995-3
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60. Roxana Ghiulai,Marius Mioc, Gabriela Nistor, Roxana Racoviceanu, Codruta Soica. Design and synthesis of betulinic acid gold nano-particles with enhanced pharmaceutical properties. Symposium of Young Researchers on Pharmaceutical Technology, Biotechnology and Regulatory Science January 20-22nd 2021 Szeged, Hungary.DOI: 10.14232/syrptbrs.2021.op30
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Stefana Avram. Qualitative and quantitative screening of Melissa Officinalis l. Herba.ICMPR-2018, International Conference of Medicinal Plants Research, Warsaw, Poland, March, 26th 2018; Book of abstracts, p.41-4

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65. Codruta Soica, Marius Mioc, Dorina Coricovac, Cristina Dehelean, Lavinia Vlaia, Ioana Olariu, Georgeta Coneac, Anca Dragomirescu, Roxana Ghiulai, Roxana Babuta, Cristina Trandafirescu. Comparative assessment of semisolid formulations containing gold nanoparticles loaded with betulin. ICMPR-2018, International Conference of Medicinal Plants Research, Warsaw, Poland, March, 26th 2018; Book of abstracts, p.15-16
66. Cristina Dehelean, Marius Mioc, Dorina Coricovac, Lavinia Vlaia, Ioana Olariu, Georgeta Coneac, Anca Dragomirescu, Cristina Trandafirescu, Roxana Ghiulai, Roxana Babuta, Codruta Soica. Semisolid formulations with betulinic acid – conjugated gold nanoparticles: physico-chemical and biological evaluation. ICMPR-2018, International Conference of Medicinal Plants Research, Warsaw, Poland, March, 26th 2018; Book of abstracts, p.17-18
67. Mioc M, Coricovac D, Trandafirescu C, Ghiulai R, Pavel I, Danciu C, Pinzaru I,Moaca A, Farcas C, Popovici R.A, Dehelean C, Ambrus R, Soica C. Comparative assessment of solid and hollow gold nanoparticles as antitumor nanoformulations. 2nd International Caparica Christmas Conference on Translational Chemistry (IC3TC). Caparica, Portugal, December 4-7, 2017; Proceedings book p. 81
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69. Stefana Avram, Roxana Ghiulai, Iulia Pinzaru, Ioana Zinuca Pavel, Roxana Babuta, Marius Mioc, Corina Danciu, Daliana Minda, Camelia Oprean, Dorina Coricovac, Codruta Soica, Cristina Dehelean, Melissa Officinalis L. Extracts: Chemopreventive Potential In Breast Cancer. International Conference on Science and Society 2017: "Phytomedicine and Biopiracy" ICSS-2017, July 24 – 28/ 2017, Mainz, Germany;Book of abstracts, p.66
70. Roxana Ghiulai, Corina Danciu, Diana Antal, Lavinia Vlaia, Cristina Dehelean. Assessment of the effects of a betulinic acid nanoformulation on ear inflammation. 63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA2015) Budapest, Hungary, 23 - 27 August 2015; Book of abstracts, PM 83, p.166-167
71. Ghiulai RM, Sarbu M, Vukelic Z, Ilie C, Zamfir AD. High resolution mass spectrometric analysis of complex ganglioside profile typical to early stage fetal neocortex.. 26th Mass Spectrometry Forum, 17-18 February 2015, Vienna, Austria; Book of abstracts, P 8, p 52
72. Sarbu M, Robu A, Ghiulai RM, Peter-Katalinic J, Zamfir AD. Applications of chip-based nanoelectrospray MS to lysosomal storage diseases: Schindler disease. 25th Mass Spectrometry Forum, 17-19 February 2014, Vienna, Austria; Book of abstracts, p.12
73. Ghiulai RM, Sarbu M, Ilie C, Zamfir AD. High resolution mass spectrometric method for the structural investigation of native long chain polysaccharides. 25thMassSpec Forum. Vienna, Austria 17-19 February 2014; Book of abstracts, P 11
74. Sarbu M, Ghiulai RM, Zamfir AD. Nanoelectrospray quadrupole time-of-flight tandem mass spectrometric analysis of long chain polysaccharides. 5th International Symposium. Research and Education in Innovation Era, 5-6 November 2014, Arad, Romania

Research stays abroad

University of Vienna, Faculty of Chemistry – supervisor: Prof. Dr. Dr. h.c. Andreas Rizzi
May 2012- July 2012

Research fellowships

Doctoral fellowship funded by the European Social Fund through project POSDRU 107/1.5/S/78702, February 2011 – November 2013

Member / principal investigator in national research projects / UMFVBT internal grants

1. POSDRU 107/1.5/S/78702 – member, PhD student
2. UEFISCDI, PN-II-PT-PCCA-2013-4-0191: Interactomics of galactosaminoglycans in the extracellular matrix by advanced mass spectrometry. Project leader: Prof. Florentina-Daniela Munteanu – postdoctoral researcher
3. UEFISCDI, PN-II-RU-TE-2014-4-2842: In vitro and in vivo pharmacokinetic and pharmacodynamic profiles of nanoformulations containing terpenic compounds with antitumour activity. Project leader: Dr Dorina Elena Coricovac – postdoctoral researcher
4. PIII-C2-PCFI-2015/2016: New pharmaceutical approaches for modulating the bioavailability of flavonoids with chemopreventive potential against malignant melanoma. Project leader: Prof. Cristina Adriana Dehelean – postdoctoral researcher
5. UEFISCDI, PN-II-PT-PCCA-2011-3.1-087: Preparation of functionalised polysaccharides for biomedical and biotechnology applications. Project leader: Prof. Eugen Sisu – postdoctoral researcher
6. UEFISCDI, PN-III-P2-2.1-BG-2016-0354: Betulin and gold nanoparticle-based formulations to prevent skin ageing. Project leader: Prof. Codruța Șoica – postdoctoral researcher
7. III-C5-PCFI-2017/2018-04, ROINEXTRAMAM. Project leader: Assoc. Prof. Ștefana Avram – project manager
8. 1EXP/1233/30.01.2020: Lupeol as a bioactive natural compound for the topical treatment of wounds and inflammation in mild to severe diseases: experimental evaluation and preliminary market proposal (LUPSKINPATH). Project leader: Prof. Codruța Șoica – postdoctoral researcher
9. UEFISCDI, PN-IV-P2-2.1-TE-2023-1790: Comprehensive investigation into the effects of gold nanoparticles and betulinic acid on ganglioside biomarkers specific to malignant melanoma – principal investigator
10. UEFISCDI, PN-IV-P2-2.1-TE-2023-0717: Mitochondria as a therapeutic target in cancer: synthesis and biological assessment of novel dequalinium–triterpene derivatives with antiproliferative activity – postdoctoral researcher

Awarded scientific publications

1. Sarbu M*, Ghiulai RM*, Zamfir AD (*equal contribution). Recent developments and applications of electron transfer dissociation mass spectrometry in proteomics. *Amino Acids 2014*; 46:1625-1634;Awarded scientific publication in 2014: UEFISCDI PN-II-RU-PRECISI-2014-8-4858
2. Sarbu M, Robu A, Ghiulai RM., Vukelić Ž, Clemmer DE, Zamfir AD. Electrospray Ionization Ion Mobility Mass Spectrometry of Human Brain Gangliosides.*Analytical Chemistry 2016 88* (10), 5166-5178. Awarded scientific publication in 2016: UEFISCDI PN-III-P1-1.1- PRECISI-2016- 11808
3. Marius Mioc, Codruta Soica, Vasile Bercean, Sorin Avram, Mihaela Balan‑Porcarasu, Dorina Coricovac, Roxana Ghiulai, Delia Muntean, Florina Andrica, Cristina Dehelean, Demetrios A. Spandidos, Aristides M. Tsatsakis and Ludovic Kurunczi. Design, synthesis and pharmaco-toxicological assessment of 5-mercapto-1,2,4-triazole derivatives with antibacterial and antiproliferative activity. *International Journal Of Oncology 2017* 50: 1175-1183, Impact factor = 3.333. Awarded scientific publication in 2017: UEFISCDI PN-III-P1-1.1- PRECISI-2017- 18913
4. Corina Danciu, Ștefana Avram, Ioana Zinuca Pavel, Roxana Ghiulai, Cristina Adriana Dehelean, Ersilia Alexa, Daliana Minda, Cristina Petrescu, Elena-Alina Moacă and Codruța Șoica. Main Isoflavones Found in Dietary Sources as Natural Anti-inflammatory Agents. *Current Drug Targets, 2018, 19,* 841-853 Impact factor = 2.642Awarded scientific publication in 2018: UEFISCDI PN-III-P1- 1.1-PRECISI2018-23950
5. Marius Mioc, Ioana Zinuca Pavel, Roxana Ghiulai, Dorina E. Coricovac, Claudia Farcas, Ciprian-Valentin Mihali, Camelia Oprean, Vlad Serafim, Ramona A. Popovici, Cristina A. Dehelean, Michael I. Shtilman, Aristidis M. Tsatsakis and Codruta Soica. The Cytotoxic Effects of Betulin-Conjugated Gold Nanoparticles as Stable Formulations in Normal and Melanoma Cells. *Front. Pharmacol. 2018*, 9:429 Impact factor = 3.845Awarded scientific publication in 2018: UEFISCDI PN-III-P1-1.1- PRECISI-2018- 25824
6. Mirela Nicolov *, Roxana M. Ghiulai *, Mirela Voicu, Marius Mioc, Adina Octavia Duse, Roxana Roman, Rita Ambrus, Istvan Zupko, Elena Alina Moaca, Dorina E. Coricovac, Claudia Farcas, Roxana Marcela Racoviceanu, Corina Danciu, Cristina-Adriana Dehelean, Codruta Soica (* equal contribution). Cocrystal Formation of Betulinic Acid and Ascorbic Acid: Synthesis, Physico-Chemical Assessment, Antioxidant and Antiproliferative Activity. *Front. Chem. 2019* 7:92. doi: 10.3389/fchem.2019.00092; Impact factor = 3.782Awarded scientific publication in 2019: UEFISCDI PN-III-P1-1.1- PRECISI-2019- 35343
7. Delia Muntean, Monica Licker, Ersilia Alexa, Iuliana Popescu, Calin Jianu, Valentina Buda, Cristina Adriana Dehelean, Roxana Ghiulai, Florin Horhat, Delia Horhat, Corina Danciu.

Evaluation of essential oil obtained from Mentha×piperita L. against multidrug-resistant strains. *Infection and Drug Resistance 2019*, 12, 2905–2914, Dovepress Impact factor = 3.000Awarded scientific publication in 2019: UEFISCDI PN-III-P1-1.1- PRECISI-2019-38965

8. Elena-Alina Moaca, Ioana Zinuca Pavel, Corina Danciu, Zorin Crainiceanu, Daliana Minda, Florina Ardelean, Diana Simona Antal, Roxana Ghiulai, Andreea Cioca, Mihnea Derban, Sebastian Simu, Raul Chioibas, Camelia Szuhanek, Cristina-Adriana Dehelean.Romanian Wormwood (Artemisia absinthium L.): Physicochemical and Nutraceutical Screening. *Molecules 2019*, 24, 3087; doi:10.3390/molecules24173087 Impact factor = 3.060Awarded scientific publication in 2019: UEFISCDI PN-III-P1-1.1- PRECISI-2019- 39660
9. Marius Mioc, Sorin Avram, Vasile Bercean, Ludovic Kurunczi, Roxana M. Ghiulai*, Camelia Oprean, Dorina E. Coricovac, Cristina Dehelean, Alexandra Mioc, Mihaela Balan-Porcarasu, Calin Tatu and Codruta Soica (*corresponding author). Design, Synthesis and Biological Activity Evaluation of S-Substituted 1H-5-Mercapto-1,2,4-Triazole Derivatives as Antiproliferative Agents in Colorectal Cancer. *Front. Chem. 2018* 6:373. doi: 10.3389/fchem.2018.00373; Impact factor = 3.782Awarded scientific publication in 2019: UEFISCDI PN-III-P1-1.1- PRECISI-2019- 39772
10. Alexandra Mioc, Marius Mioc, Roxana Ghiulai*, Mirela Voicu, Roxana Racoviceanu, Cristina Trandafirescu, Cristina Dehelean, Dorina Coricovac, Codruta Soica (*corresponding author). Gold Nanoparticles as Targeted Delivery Systems and Theranostic Agents in Cancer Therapy. Current Medicinal Chemistry, 2019, 26, 1-20; Impact factor = 4.184 PN-III-P1-1.1-PRECISI-2020-48546
11. Claudia Geanina Farcas, Cristina Dehelean., Iulia Andreea Pinzaru, Marius Mioc, Vlad Socoliuc, Elena-Alina Moaca, Stefana Avram, Roxana Ghiulai, Dorina Coricovac, Ioana Pavel, Praveen Kumar Alla, Octavian Marius Cretu, Codruta Soica, Felicia Loghin. Thermosensitive Betulinic Acid-Loaded Magnetoliposomes: A Promising Antitumor Potential for Highly Aggressive Human Breast Adenocarcinoma Cells Under Hyperthermic Conditions. International Journal of Nanomedicine 2020:15 8175–8200Impact factor=6.4PN-III-P1-1.1-PRECISI-2021-58870
12. Roxana Racoviceanu, Cristina Trandafirescu, Mirela Voicu, Roxana Ghiulai *, Florin Borcan, Cristina Dehelean, Claudia Watz, Zoltán Aigner, Rita Ambrus, Dorina Elena Coricovac, Denisa Cîrcioban, Alexandra Mioc, Camelia Alexandrina Szuhanek, Codruta Soica (*corresponding author). Solid Polymeric Nanoparticles of Albendazole: Synthesis, Physico-Chemical Characterization and Biological Activity. Molecules 2020, 25, 5130; doi:10.3390/molecules25215130Impact factor=4.412PN-III-P1-1.1-PRECISI-2021-60237
13. Roxana Ghiulai, Oana Janina Rosca, Diana Simona Antal, Marius Mioc, Alexandra Mioc, Roxana Racoviceanu, Ioana Macasoi, Tudor Olariu, Cristina Dehelean, Octavian Marius Cretu, Mirela Voicu, Codruta Soica. Tetracyclic and Pentacyclic Triterpenes with High Therapeutic Efficiency in Wound Healing Approaches. Molecules 2020, 25, 5557; doi:10.3390/molecules25235557Impact factor=4.412PN-III-P1-1.1-PRECISI-2021-60775
14. Delia Dumbrava, Liviana Alexandra Popescu, Codruta Marinela Soica, Alma Nicolin, Ileana Cocan, Monica Negrea, Ersilia Alexa, Diana Obistioiu, Isidora Radulov, Sofia Popescu, Claudia Watz, Roxana Ghiulai, Alexandra Mioc, Camelia Szuhanek, Cosmin Sinescu, Cristina Dehelean. Nutritional, Antioxidant, Antimicrobial, and Toxicological Profile of Two Innovative Types of Vegan, Sugar-Free Chocolate.Foods 2020, 9, 1844; doi:10.3390/foods9121844Impact factor= 4.35PN-III-P1-1.1-PRECISI-2021-62232
15. Simona Sipos, Elena-Alina Moaca, Ioana Zinuca Pavel, Stefana Avram, Octavian Marius Cretu, Dorina Coricovac, Roxana-Marcela Racoviceanu, Roxana Ghiulai, Ramona Daniela Pana, Codruta Marinela Soica, Florin Borcan, Cristina Adriana Dehelean, Zorin Crainiceanu. Melissa officinalis L. Aqueous Extract Exerts Antioxidant and Antiangiogenic Effects and Improves Physiological Skin Parameters. Molecules 2021, 26, 2369. https://doi.org/10.3390/molecules26082369Impact factor=4.412PN-III-P1-1.1-PRECISI-2021-60186
16. Codruta Soica, Mirela Voicu, Roxana Ghiulai*, Cristina Dehelean, Roxana Racoviceanu, Cristina Trandafirescu, Oana-Janina Rosca, Gabriela Nistor, Marius Mioc, Alexandra Mioc (*corresponding author). Natural Compounds in Sex Hormone-Dependent Cancers: The Role of Triterpenes as Therapeutic Agents. Front. Endocrinol. 2021 11:612396. doi: 10.3389/fendo.2020.612396Impact factor= 5.555PN-III-P1-1.1-PRECISI-2021-60457
17. Prodea, A.; Mioc, A.;Banciu, C.; Trandafirescu, C.; Milan,A.; Racoviceanu, R.; Ghiulai, .; Mioc,M.; Soica, C. The Role of Cyclodextrins in the Design and Development of Triterpene-Based Therapeutic Agents. Int. J. Mol. Sci. 2022, 23, 736. https://doi.org/10.3390/ijms23020736Impact Factor= 5.6 PN-IV-P2-2.3-PRECISI-2023-77352
18. Roxana Ghiulai, Alexandra Mioc, Roxana Racoviceanu, Marius Mioc, Andreea Milan, Alexandra Prodea, Alexandra Semenescu, Cristina Dehelean , Lucian Barbu Tudoran,

Ștefana Avram, Cristina Trandafirescu, Codruța Șoica. The Anti-Melanoma Effect of Betulinic Acid Functionalized Gold Nanoparticles: A Mechanistic In Vitro Approach. Pharmaceuticals 2022, 15, 1362. https://doi.org/10.3390/ph15111362 Impact Factor = 4.6 PN-IV-P2-2.3-PRECISI-2023-77694

19. Marius Mioc. Alexandra Mioc, Alexandra Prodea, Andreea Milan, Mihaela Balan-Porcarasu, Roxana Racoviceanu, Roxana Ghiulai, Gheorghe Iovanescu, Ioana Macasoi, George Draghici, Cristina Dehelean, Codruta Soica. Novel Triterpenic Acid—Benzotriazole Esters Act as Pro-Apoptotic Antimelanoma Agents. Int. J. Mol. Sci. 2022, 23, 9992. https://doi.org/10.3390/ijms23179992Impact Factor= 5.6 PN-IV-P2-2.3-PRECISI-2023-77723
20. Milan, A.; Mioc, A.; Prodea,A.; Mioc, M.; Buzatu, R.; Ghiulai, R.;Racoviceanu, R.; Caruntu, F.; ¸Soica, C. The Optimized Delivery of Triterpenes by Liposomal Nanoformulations: Overcoming the Challenges. Int. J. Mol. Sci. 2022, 23,1140. https://doi.org/10.3390/ijms23031140 Impact Factor= 5.6 PN-IV-P2-2.3-PRECISI-2023-78333
21. Marius Mioc, Andreea Milan, Daniel Malita, Alexandra Mioc, Alexandra Prodea, Roxana Racoviceanu, Roxana Ghiulai, Andreea Cristea , Florina Căruntu, Codruta Soica. Recent Advances Regarding the Molecular Mechanisms of Triterpenic Acids: A Review (Part I). Int. J. Mol. Sci. 2022, 23, 7740. https://doi.org/ 10.3390/ijms23147740 Impact Factor= 5.6 PN-IV-P2-2.3-PRECISI-2023-82482
22. Gabriela Nistor, Cristina Trandafirescu, Alexandra Prodea, Andreea Milan, Andreea Cristea, Roxana Ghiulai, Roxana Racoviceanu, Alexandra Mioc, Marius Mioc, Viviana Ivan, Codruta Soica. Semisynthetic Derivatives of Pentacyclic Triterpenes Bearing Heterocyclic Moieties with Therapeutic Potential. Molecules 2022, 27, 6552. https://doi.org/10.3390/ molecules27196552 Impact Factor= 4.6 PN-IV-P2-2.3-PRECISI-2023-82760 MOLECULES
23. Roxana Ghiulai , Marius Mioc , Roxana Racoviceanu , Alexandra Prodea , Andreea Milan, Dorina Coricovac , Cristina Dehelean ¸ Stefana Avram , Alina D. Zamfir, Cristian V. A. Munteanu ,Viviana Ivan Codruta Soica. Structural Investigation of Betulinic Acid Plasma Metabolites by Tandem Mass Spectrometry. Molecules 2022, 27, 7359. https://doi.org/10.3390/molecules27217359 PN-IV-P2-2.3-PRECISI-2023-82797
24. Nistor, G.; Mioc, M.; Mioc, A.; Balan-Porcarasu, M.; Racoviceanu, R.; Prodea, A.; Milan, A.; Ghiulai, R.; Semenescu, A.; Dehelean, C.; et al. The C30-Modulation of Betulinic Acid Using 1,2,4-Triazole: A Promising Strategy for Increasing Its Antimelanoma Cytotoxic Potential. Molecules 2022, 27, 7807. https://doi.org/10.3390/molecules27227807 Impact Factor= 4.6 PN-IV-P2-2.3-PRECISI-2023-82812 MOLECULES
25. Florin Borcan, Adél, Cristina A. Dehelean, Zoltán Dudás,Roxana Ghiulai*,Andrada Iftode, Roxana Racoviceanu, Codruta M. Soica (*corresponding author). Design and Assessment of a Polyurethane Carrier Used for the Transmembrane Transfer of Acyclovir. Nanomaterials 2021, 11, 51. https://dx.doi.org/10.3390/nano11010051 Impact Factor= 5.719 PN-IV-P2-2.3-PRECISI-2023-83571
26. Marius Mioc, Alexandra Prodea, Roxana Racoviceanu, Alexandra Mioc, Roxana Ghiulai, Andreea Milan, Mirela Voicu, Gabriel Mardale, Codruta Soica. Recent Advances Regarding the Molecular Mechanisms of Triterpenic Acids: A Review (Part II). Int. J. Mol. Sci. 2022, 23, 8896. https://doi.org/10.3390/ijms23168896Impact Factor= 5.6 PN-IV-P2-2.3-PRECISI-2023-77001

Other awards

Award for outstanding achievement in teaching at "Victor Babeș" University of Medicine and Pharmacy, Timișoara – University Days, December 2018

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23 (WOS); 23 (SCOPUS), 26 (GOOGLE SCHOLAR)

Membership in professional and scientific societies

Timiș County College of Pharmacists
Romanian Society of Pharmaceutical Sciences
Romanian Association of Clinical Pharmacists

Other information on teaching activities	Romanian Society for Mass Spectrometry
January 2024 – present	Head of Department II, Faculty of Pharmacy, UMFVBT Member of the Faculty Council, Faculty of Pharmacy, UMFVBT
2020-2024	Member of the Council of Department II, Faculty of Pharmacy, UMFVBT
2022- 2024	Member of the Ethics Committee, UMFVBT
2019- present	Member of the permanent committees of the Faculty of Pharmacy: • Research Bioethics Committee • Merit-based salary increment Evaluation Committee • Continuing Education and Residency Committees • Education Quality Assessment and Assurance Committee • Advisory Committee on Professional Ethics

Timișoara, October 2026

Prof. dr. Roxana Negrea-Ghiulai