



Curriculum vitae

Informații personale

Nume / Prenume **Ghiulai Roxana Maria**
E-mail roxana.ghiulai@umft.ro
Cetățenia română

Locul de muncă

Conferentiar universitar, disciplina de Farmacologie-Farmacoterapie, Facultatea de Farmacie, Departamentul II, U.M.F. „Victor Babes” Timisoara

Experiența profesională

Perioada	Septembrie 2022- prezent
Funcția sau postul ocupat	Conferentiar universitar, disciplina de Farmacologie-Farmacoterapie, Departamentul II
Principalele activități și responsabilități	Sustinerea cursurilor și lucrărilor de laborator la disciplina de Farmacologie-Farmacoterapie pentru studenții Facultății de Farmacie secțiile română și franceză și Asistentă de Farmacie; Cercetare științifică
Numele și adresa angajatorului	U.M.F. „Victor Babes” Timisoara, Facultatea de Farmacie, Pta Murgu Eftimie nr. 2, Timișoara 300041
Tipul activității sau sectorul de activitate	Unitate de învățământ superior medico-farmaceutic
Perioada	Septembrie 2020- Septembrie 2022
Funcția sau postul ocupat	Conferentiar universitar, disciplina de Chimie Farmaceutică, Departamentul II
Principalele activități și responsabilități	Sustinerea cursurilor și lucrărilor de laborator la disciplina de Chimie Farmaceutică pentru studenții Facultății de Farmacie secțiile română și franceză și Asistentă de Farmacie; Cercetare științifică
Numele și adresa angajatorului	U.M.F. „Victor Babes” Timisoara, Facultatea de Farmacie, Pta Murgu Eftimie nr. 2, Timișoara 300041
Tipul activității sau sectorul de activitate	Unitate de învățământ superior medico-farmaceutic
Perioada	Septembrie 2019- prezent
Funcția sau postul ocupat	Farmacist clinician
Principalele activități și responsabilități	Furnizarea de servicii de farmacie clinică în cadrul spitalului
Numele și adresa angajatorului	Spitalul Clinic Municipal de Urgență Timisoara, str. Hector nr.1, Timisoara, 300041
Tipul activității sau sectorul de activitate	Sanatate
Perioada	Septembrie 2016- septembrie 2020
Funcția sau postul ocupat	Sef de lucrări, disciplina de Chimie Farmaceutică, Departamentul II
Principalele activități și responsabilități	Sustinerea cursurilor și lucrărilor de laborator la disciplina de Chimie Farmaceutică pentru studenții Facultății de Farmacie secțiile română și franceză și Asistentă de Farmacie; Cercetare științifică
Numele și adresa angajatorului	U.M.F. „Victor Babes” Timisoara, Facultatea de Farmacie, Pta Murgu Eftimie nr. 2, Timișoara 300041

Tipul activitatii sau sectorul de activitate	Unitate de invatamant superior medico-farmaceutic
Perioada	Septembrie 2014 – septembrie 2016
Functia sau postul ocupat	Asistent universitar, disciplina de Chimie Farmaceutica, Departamentul II
Principalele activitati si responsabilitati	Sustinerea lucrarilor de laborator la disciplinele de Chimie Farmaceutica si Toxicologie, sectiile romana si franceza; Activitate de cercetare stiintifica
Numele si adresa angajatorului	U.M.F. „Victor Babes” Timisoara, Facultatea de Farmacie, Pta Murgu Eftimie nr. 2, Timișoara 300041
Tipul activitatii sau sectorul de activitate	Unitate de invatamant superior medico-farmaceutic
Perioada	Septembrie 2010 – Martie 2012
Functia sau postul ocupat	Farmacist
Principalele activitati si responsabilitati	Furnizarea de servicii farmaceutice in farmacia de comunitate
Numele si adresa angajatorului	S.C. SIEPCOFAR S.A.- Farmaciile “Dona” Timisoara, Romania
Tipul activitatii sau sectorul de activitate	Sanatate; Farmacie de circuit deschis
Perioada	Februarie 2009 – Martie 2010
Functia sau postul ocupat	Farmacist
Principalele activitati si responsabilitati	Furnizarea de servicii farmaceutice in farmacia de comunitate
Numele si adresa angajatorului	Farmacia “Cynara”, str. Gh. Lazăr, Timisoara, Romania
Tipul activitatii sau sectorul de activitate	Sanatate; Farmacie de circuit deschis
Perioada	Ianuarie 2008–Decembrie 2008
Functia sau postul ocupat	Farmacist
Principalele activitati si responsabilitati	Furnizarea de servicii farmaceutice in farmacia de comunitate
Numele și adresa angajatorului	Farmacia „Hygeia” Str. F. Mercy Timisoara, Romania
Tipul activitatii sau sectorul de activitate	Sanatate; Farmacie de circuit deschis
Perioada	Ianuarie 2008 – Ianuarie 2011
Functia sau postul ocupat	Farmacist rezident specialitatea Farmacie Clinică
Principalele activitati si responsabilitati	Parcursarea curiculei si stagiilor de formare în specialitate
Numele și adresa angajatorului	Spitalul Clinic Județean de Urgență Timișoara, Bulevardul Liviu Rebreanu 156, Timișoara 300723
Tipul activității sau sectorul de ctivitate	Sanatate

Educație și formare

Perioada	Noiembrie 2018- prezent
Calificarea / diploma obținută	Doctorand domeniul Farmacie
Domenii principale studiate	Cercetare fundamental farmaceutica
Numele și tipul instituției de învățământ	Universitatea de Medicină și Farmacie „Victor Babes”, Timișoara
Perioada	Octombrie 2017- Iunie 2019
Calificarea / diploma obținută	Diploma de master

Domenii principale studiate	Biotehnologii Fitofarmaceutice
Numele și tipul instituției de învățământ	Universitatea De Științe Agricole Și Medicină Veterinară A Banatului Timișoara
Perioada	Iunie 2016
Calificarea / diploma obținută	Farmacist primar specialitatea Farmacie Clinică
Perioada	Noiembrie 2010- Iunie 2014
Calificarea / diploma obținută	Diploma de Doctor in Medicina
Domenii principale studiate	Cercetare biomedicală fundamentală, Analiză instrumentală avansată
Numele și tipul instituției de învățământ	Universitatea de Medicină și Farmacie „Victor Babes”, Timișoara
Perioada	Ianuarie 2008 – Ianuarie 2011
Calificarea / diploma obținută	Farmacist specialist specialitatea Farmacie Clinică
Domenii principale studiate	Curicula de formare în specialitate
Numele și tipul instituției de învățământ	Universitatea de Medicină și Farmacie „Victor Babes”, Timișoara
Perioada	Octombrie 2002 – Septembrie 2007
Calificarea / diploma obținută	Farmacist
Domenii principale studiate	Farmacologie, Chimie farmaceutică, Toxicologie, Tehnologie Farmaceutică, Biochimie, Patologie Clinică
Numele și tipul instituției de învățământ	Facultatea de Farmacie, Universitatea de Medicină și Farmacie „Victor Babes”, Timișoara

Aptitudini și competențe personale

Limba maternă

Română

Limbi străine cunoscute

Engleza, Franceza, Germană

Autoevaluare
Nivel european

Comprehensiune

Vorbit

Scris

Abilități de
ascultare

Abilități de citire

Interacțiune

Exprimare

Engleza
Franceza
Germană

Foarte Bine
Foarte Bine
Bine

Foarte Bine
Foarte Bine
Bine

Foarte Bine
Foarte Bine
Bine

Foarte Bine
Foarte Bine
Bine

Foarte Bine
Foarte Bine
Bine

Competențe și abilități sociale

Comunicativă, sociabilă, adaptabilă, responsabilă, atitudine pozitivă; munca în echipă, abilități de mediere, abilități interculturale

Competențe și aptitudini
organizatorice

Prioritizarea activităților, dinamism, atenție la detalii

Competențe și aptitudini tehnice

Activitate în laboratorul de cercetare, prepararea medicamentelor magistrale și oficinale, analize instrumentale avansate

Competențe și cunoștințe de utilizare
a calculatorului

MS Windows (Word, Power Point, Excel)

Alte aptitudini și competențe

Hobby-uri: călătoriile, fotografia, lectura, muzica, sportul

Permis de conducere

Categoria B

Informații suplimentare

Publicații in extenso
in reviste cu factor de impact

1. 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>. IF=4.927
2. 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> IF=5.215
3. 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> IF=4.927
4. 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> IF=6.208
5. 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> IF=6.208
6. 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> IF=6.208
7. 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> Impact factor= 2.679
8. 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 Impact factor= 5.555
9. 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=5.076
10. 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 Impact factor=4.412
11. 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 Impact factor=4.412
12. 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> Impact factor = 2.63
13. 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 = 3.693
14. 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

15. 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; Impact factor = 3.782
16. 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 Mitochondrial Targeted Mechanism of Action of Some Pentacyclic Triterpene Derivatives. *REV.CHIM.* 2018 69(12) 3361-3363; Impact factor = 1.605
17. 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; Impact factor = 1.162
18. 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; Impact factor = 2.52
19. 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; Impact factor = 3.293
20. 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; Impact factor = 1.329
21. 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> Impact factor=5.924
22. 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=5.924
23. Simona Spos, 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> Impact factor=4.412
24. Delia Dumbrava, Liviana Alexandra Popescu, Codruta Marinela Soica, Alma Nicolin, Ileana Cocan, Monica Negrea, Ersilia Alexa, Diana Obistoiu, Isidora Radulov, Sofia Popescu, Claudia Watz, Roxana Ghiulai, Alexandra Mioc, Camelia Szuhaneck, 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 Impact factor= 4.35
25. 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 Impact factor=6.4
26. 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 Szuhaneck, Cristina-Adriana Dehelean. Romanian Wormwood (*Artemisia absinthium* L.): Physicochemical and Nutritional Screening. *Molecules* 2019, 24, 3087; doi:10.3390/molecules24173087 Impact factor = 3.267
27. 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 = 2.984
28. Corina Danciu, Codruța Soica, 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 Impact factor = 2.180
29. Corina Danciu, Ștefana Avram, Ioana Zinuca Pavel, Roxana Ghiulai, Cristina Adriana Dehelean, Ersilia Alexa, Daliana Minda, Cristina Petrescu, Elena-Alina Moacă and Codruța Soica. Main Isoflavones Found in Dietary Sources as Natural Anti-inflammatory Agents. *Current Drug Targets*, 2018, 19, 841-853 Impact factor = 2.642
30. Corina Danciu, Iulia Andreea Pinzaru, Cristina Adriana Dehelean, Monica Hancianu, Istvan Zupko, Dan Navolan, Monica Licker, Roxana Maria Ghiulai, Codruța Marinela Soica. Antiproliferative and antimicrobial properties of pure and encapsulated rutin. *Farmacia*, 2018, Vol. 66, 2 Impact factor = 1.527
31. 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 = 3.845
32. 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
33. 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 Impact factor = 2.976
34. 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 Impact factor = 6.320
35. 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; Impact factor = 0.956
36. 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 Impact factor = 0.81
37. Mosoarca C, Ghiulai RM, Novaconi CR, Vukelić Z, Chiriac A, Zamfir AD. Application of Chip-Based Nanoelectrospray Ion Trap Mass Spectrometry to compositional and structural analysis of gangliosides in human fetal cerebellum. *Anal. Lett.* 2011; 44:1036-1049; Impact factor = 1.016

**Publicații in extenso
in reviste indexate fara factor de
impact/BDI**

- Florin Borcan, Marius Mioc, **Roxana Ghiulai***, Iulia Pinzaru, Cristina Adriana Dehelean, Codruta Marinela Soica (***corresponding author**). A Study on the Behavior of a Polyurethane Drug Carrier in Various pH Media. *Journal of Medicine and Life* Vol. 13, Issue 2, April-June 2020, pp. 195-199. DOI: 10.25122/jml-2020-0010
- Roxana Racoviceanu, Claudia Farcaș, **Roxana Ghiulai***, Sima Laurentiu Vasile, Cristina Trandafirescu, Diana Antal, Marius Mioc, Cristina Dehelean, Codruta Soica (***corresponding author**). Hydro-alcoholic extracts of roots and sprouts of *Armoracia rusticana*: assessment of antioxidant and cytotoxic activity. *Rev. Chim.*, 71 (5), 2020, 201-210 doi.org/10.37358/Rev. Chim.1949 Impact factor = 1.755
- Alexandra Ulici, Andreea Milan, Marius Mioc, Roxana Ghiulai, Roxana Racoviceanu Codruța Soica. Ring-Modified Triterpene Derivatives as Potential Pharmacological Active Compounds. *Timisoara Med.* 2020, 2020(2), 7; doi:10.35995/tmj20200207 <http://www>

**Lucrari stiintifice in rezumat
publicate si prezentate la conferinte
nationale si internationale**

- Marincic Dragana, Serb Alina, **Ghiulai Roxana**, Zamfir Alina, Vukelic Zelika. „Gangliosides structure and composition in brain development and malignant alteration”. International Symposium Research and Education in Innovation Era, 11-12.11.2010, Arad, Romania
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Universitatea din Vienna, Facultatea de Chimie - coordonator prof. dr.dr.h.c. Andreas Rizzi
Mai 2012- Iulie 2012

Stagii de cercetare în străinătate

Bursă doctorală finanțată de Fondului Social European, prin proiectul POSDRU 107/1.5/S/78702
Februarie 2011- Noiembrie 2013

Burse de cercetare

Membru/responsabil în proiecte nationale de cercetare / granturi interne UMFVBT

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Lucrări științifice premiate la nivel național

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Alte premii

1. Premiu pentru merite deosebite in activitatea didactica in cadrul Universitatii de Medicină și Farmacie „Victor Babes”, Timișoara – Zilele Universitatii, decembrie 2018

14 (WOS); 15 (GOOGLE SCHOLAR)

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Membru in societati profesionale si stiintifice

Colegiul Farmacistilor Timis
Asociatia Romana a Farmacistilor Clinicieni
Societatea Romana de Spectrometrie de Masa

Timisoara, 08.11.2022