


PERSONAL INFORMATION

Denisa-Laura Cîrcioban



 2 Eftimie Murgu Square, 300041 Timisoara (Romania)

 circioban.denisa@umft.ro

Sex Female | Date of birth 20/03/1992 | Nationality Romanian

WORK EXPERIENCE

Sept 2020–Present

Lecturer

Victor Babes University of Medicine and Pharmacy, Faculty of Pharmacy, Department I
2 Eftimie Murgu Square, RO-300041 Timisoara (Romania)

www.umft.ro

Discipline: Qualitative analytical chemistry, quantitative analysis and instrumental analysis

- preparation and implementation of courses and laboratories conducted with students of the Faculty of Pharmacy (Analytical Chemistry, Instrumental Analysis Techniques, Instrumental Analysis Techniques and math abilities, Nanomaterials with biomedical applications);
- coordinating bachelor's degrees;
- member of various committees for educational and institutional purposes, involving student evaluations, admission and bachelor exams and residency.

Business or sector Education

Sep 2016–Sept 2020

University Assistant

Victor Babes University of Medicine and Pharmacy, Faculty of Pharmacy, Department I
2 Eftimie Murgu Square, RO-300041 Timisoara (Romania)

www.umft.ro

Discipline: Qualitative analytical chemistry, quantitative analysis and instrumental analysis

- supervising and coordinating laboratory activities and seminars, preparing the necessary materials;
- coordinating bachelor's degrees and dissertations;
- member of various committees for educational and institutional purposes, involving student evaluations, admission and graduation exams, residency and international institutional accreditation.

Business or sector Education

Feb 2016–Aug 2016

Internship practice

"SC Vileus Med-Com SRL", Catena Pharmacy, Timisoara (Romania)

- working in a team of 8 people;
- verifying medical prescriptions and preparing them for release under the guidance of the supervisor pharmacist;
- participation in patient counselling alongside the pharmacist;
- carrying out administrative tasks: preparation and verification of prescriptions for the reimbursement from The County Health Insurance, participation in stocktaking and monitoring;

Feb 2016–May 2016

Volunteer in academic didactic activity

Victor Babes University of Medicine and Pharmacy, Faculty of Pharmacy, Department I
Pharmacy, Timisoara (Romania)

- didactic activities of tutoring in laboratory work within the didactic process at the discipline of Analytical Chemistry, Faculty of Pharmacy

Jul 2015–Aug 2015

Summer Internship

Jul 2014–Aug 2014

Darifarm Pharmacy, Sanandrei (Romania)

- Jul 2013–Aug 2013
- preparing and checking medical prescriptions under the guidance of the pharmacist;
 - reorganization of the storage area according to the specifications in force;
 - checking stocks of medicinal, para-pharmaceutical and dermatocosmetics;
- Jul 2012–Aug 2012 **Summer Internship**
- Dianthus Pharmacy, Timisoara (Romania)
- checking stocks of medicinal, para-pharmaceutical and dermatocosmetics;
- Mar 2013–Apr 2016 **President of the Association of Pharmacy Students from Timisoara**
- Timisoara (Romania)
- coordinating a team of over 100 students;
 - supervising the organization and implementation of all the projects within the association and establishing the allocated budgets for each project;
 - ensuring the conformity of the financial integrity of the association;
 - ensuring communication with the faculty and university leadership;
 - representation of the association in front of state and international bodies as well as public administration authorities;
- Dec 2014–Dec 2015 **President of the Romanian Pharmaceutical Students Gala, 6th Edition**
- Timisoara (Romania)
- coordinating a team of 70 people;
 - organizing a 4-day scientific conference for 250 students and over 25 teachers, specialists and pharmaceutical guests;
 - ensuring collaboration with various community and chain pharmacies as well as national pharmaceutical companies;

EDUCATION AND TRAINING

- Oct 2016–Sep 2019 **PhD in Pharmacy** EQF level 8
- Victor Babes University of Medicine and Pharmacy Timisoara
2 Eftimie Murgu Square, RO-300041 Timisoara (Romania)
www.umft.ro
- **Thesis theme:** Biological and physico-chemical complex screening of several derivatives with sesquiterpenic structure
 - **PhD supervisor:** Prof. univ. PhD. pharm. Dehelean Cristina Adriana
 - **PhD degree (*Summa cum laude*):** Series J, No. 0036216, as per Ministry of National Education Order no. 5644/30.12.2019
- Oct 2016–Jul 2018 **Master's Degree** EQF level 7
- West University of Timisoara, Faculty of Chemistry, Biology, Geography, Department of Biology and Chemistry
16 Johann Heinrich Pestalozzi Street, RO-300115 Timisoara (Romania)
www.cbg.uvt.ro
- **Specialization:** Clinical Chemistry and Sanitary Laboratory
 - **Diploma** series MA, no. 0149455, Graduation average: 10.00
- Oct 2017–Jul 2018 **Psychopedagogy training program (DPPD) Certificate** EQF level 6
- West University of Timisoara, Department for Teacher Training, Timisoara (Romania)
- Level I Psychopedagogy Training Program - Certificate series A_d no. 0017930, Graduation average: 10.00
 - Level II Psychopedagogy Training Program - Certificate series A_d no. 0017981, Graduation average: 10.00

Sep 2011–Sep 2016

Bachelor and master degree in Pharmacy

EQF level 7

Victor Babes University of Medicine and Pharmacy Timisoara
2 Eftimie Murgu Square, RO-300041 Timisoara (Romania)
www.umft.ro

- **Bachelor thesis:** Synthesis and characterization of a theophylline-succinic acid binary adduct under the coordination of University Professor PhD. Ledetiș Adriana.
- **General Competencies:** Analytical Chemistry, Physical Chemistry, Toxicology, Drug Analysis, Pharmacology, Pharmaceutical Technology.
- **Diploma** series LR, no. 0001704, Graduation average: 9.65

Sep 2007–Sep 2011

High school Diploma

EQF level 4

Colegiul National Banatean (CNB High school), Timisoara (Romania)

- **Specialization:** Natural Sciences
- **Diploma** series Y, no. 0347173, Graduation average: 9.38

PERSONAL SKILLS

Mother tongue Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	C1	C1	C1	C1	C1

Certificat de compétence linguistique en français, no.62980/3060//08.12.2020

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages - Self-assessment grid

Communication skills

- Communication and conflict resolution skills acquired from the experience as student association's president, which required a permanent interaction with students, teachers and various medical and pharmaceutical specialists;
- Ability to interact with students and free teaching of the didactic material developed during the VADA program within UMFT (Volunteering in Academic Development Activity) and consolidated in the years working as Assistant Professor;

Organisational / managerial skills

- Team spirit, but also the ability to select and implement achievable projects, aspects learned during volunteering activity and as a member of research projects;
- Ability to organize and prioritize various activities acquired as president of the students association;
- Successful coordination of different teams;
- Organizational skills developed during the preparation and realization of experimental laboratories and seminars with students;
- Time management and task prioritization improved while working as a member of different research projects.

Job-related skills

- Thermal analysis and its use as an instrumental technique in the pre-formulation stage of drug design: thermal stability determination with direct application for shelf-life prediction and drug-excipient compatibility evaluation for current or future pharmaceutical formulations;
- Spectroscopic analysis (pellet IR and ATR technique);
- Kinetic analysis and its role in the prediction of thermally-induced degradation processes of active pharmaceutical agents;
- Solubility and bioavailability enhancement methods for low-solubility drugs;
- Molecular modelling simulation and its use in drug design.

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Independent user	Proficient user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

- Office Pack (Word, Excel, Power Point);
- ISIS Draw, Corel Draw, ChemBioDraw; Origin; Adobe Photoshop;
- Mendeley, Scencedirect, Scopus, ISI Web of Knowledge

Driving licence

B

ADDITIONAL INFORMATION

Publications

- First author of 8 and co-author of 20 scientific papers published in ISI-ranked journals, with 81 citations (without self-citations) in Clarivate Analytics-Web of Science;
- Co-author of 5 national printed books.

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7 (according to Web of Science and Scopus)

Conferences

Participant in 10 national and international conferences with 51 poster presentations, containing instrumental techniques and biological *in vitro* evaluations used in the pre-formulation stages of drug design.

Projects

1. Member in the project: *Hyphenated and complementary instrumental techniques for analysis, control and recovery of bioactive compounds used in hormone therapies* (PN-III-P1-1.1-TE-2016-1165), Research Assistant in Chemistry, PhD Student (COD COR 211307)
Beneficiary - "Victor Babeş" University of Medicine and Pharmacy in Timișoara; Project Manager - PhD Associate Professor Ledetj Ionuț-Valentin; Financing period: 2018-2020 (24 months), Budget: 450.000 RON;
2. Member in the project: *Neurodegeneration and Brain Diseases: A new instrumental approach of analysis and development of pharmaceutical formulations* (PN II-RU-TE-2014-4-0515), Research Assistant, Pharmacist (COR COR 226201);
Beneficiary - "Victor Babeş" University of Medicine and Pharmacy in Timișoara; Project Director - PhD Professor Adriana Ledetj; Financing period: 24 months, Budget: 495.000 RON;
3. Member in the project: *Betulin and gold nanoparticles - based formulations in preventing skin aging* (PN III-P2-2.1-BG-2016-0354), Research Assistant, Pharmacist (COR COR 226201);
Beneficiary - "Victor Babeş" University of Medicine and Pharmacy in Timișoara; Project Director - PhD Professor Codruța Șoica; Financing period: 2016-2018
4. Member of the target group in the project: *Inter-university Virtual Community for Science, Technology, Innovation and Valuation of Intellectual Property* (POSDRU / 86 / 1.2 / S / 56872);
Beneficiary - West University of Timisoara; Project Director - PhD Professor Adriana Isvoran

ANNEX

- List of publications

Timișoara,
02.03.2022

Ș.I. dr. farm. Cîrcioban Denisa-Laura

LIST OF PUBLICATIONS

I. PhD Thesis

Thesis title: BIOLOGICAL AND PHYSICO-CHEMICAL COMPLEX SCREENING OF SEVERAL DERIVATIVES WITH SESQUITERPENIC STRUCTURE

PhD supervisor: Prof. univ. PhD. pharm. Dehelean Cristina Adriana

PhD degree (Summa cum laude): Series J, No. 0036216, as per Ministry of National Education Order no. 5644/30.12.2019

II. Books

1. Ledeti Adriana-Violeta, Axente Carmen, **Circioban Denisa**, Ledeti Ionuț-Valentin, Borcan Florin, „*Chimie Analytique Quantitative*”, Editura Mirton, Timișoara, 2018, 273 pagini, ISBN 978-973-52-1770-9.
2. Ledeti Adriana-Violeta, **Circioban Denisa**, Ledeti Ionuț-Valentin, „*Bazele practice ale analizei chimice calitative*”, Editura Mirton, Timișoara, 2018, 211 pagini, ISBN 978-973-52-1781-5.
3. Ledeti Adriana-Violeta, Olariu Tudor, **Circioban Denisa**, „*Teste de chimie pentru admiterea la Facultatea de Farmacie*”, Editura Victor Babeș, Timișoara, 2020. 82 pagini. ISBN: 978-606-786-168-6.
4. Borcan Florin, Ledeti Adriana-Violeta, Tomoroga Carmen, **Circioban Denisa**, „*Tehnici de analiză instrumentală*”, Editura Victor Babeș, Timișoara, 2020. 147 pagini. ISBN: 978-606-786-199-0.
5. Ledeti Adriana-Violeta, Olariu Tudor, **Circioban Denisa**, „*Teste de chimie pentru admiterea la Facultatea de Farmacie – Ediție revizuită*”, Editura Victor Babeș, Timișoara, 2021. 103 pagini. ISBN: 978-606-786-218-8.

III. ISI papers

1. Beicu Rodica, Alexa Ersilia, Obiștioiu Diana, Cocan Ileana, Imbrea Florin, Pop Georgeta, **Circioban Denisa**, Moisa Cristian, Lupitu Andreea, Copolovici Lucian, Copolovici Dana Maria, Imbrea Ilinca Merima. Antimicrobial Potential and Phytochemical Profile of Wild and Cultivated Populations of Thyme (*Thymus sp.*) Growing in Western Romania. *Plants*. 2021; 10(9):1833. ISSN: 2223-7747. FI: 3.935. Q1.
2. Sbarcea Laura, Tanase Ionut-Mihai, Ledeti Adriana, **Circioban Denisa**, Vlase Gabriela, Barvinschi Paul, Miclau Marinela, Varut Renata-Maria, Suci Oana, Ledeti Ionut. Risperidone/Randomly Methylated beta-Cyclodextrin Inclusion Complex-Compatibility Study with Pharmaceutical Excipients. *Molecules*. 2021; 26(6):160. ISSN: 1420-3049. FI: 4.411. Q2.
3. Sbarcea Laura, Tanase Ionut-Mihai, Ledeti Adriana, **Circioban Denisa**, Vlase Gabriela, Barvinschi Paul, Miclau Marinela, Varut Renata-Maria, Trandafirescu Cristina, Ledeti Ionut. Encapsulation of Risperidone by Methylated beta-Cyclodextrins: Physicochemical and Molecular Modeling Studies. *Molecules*. 2020; 25(23):5694. ISSN: 1420-3049. FI: 4.411. Q2.
4. Racoviceanu Roxana, Trandafirescu Cristina, Voicu Mirela, Ghiulai Roxana, Borcan Florin, Dehelean Cristina, Watz Claudia, Aigner Zoltan, Ambrus Rita, Coricovac Dorina Elena, **Circioban Denisa**, Mioc Alexandra, Szuhaneck Camelia Alexandrina, Soica Codruta. Solid Polymeric Nanoparticles of Albendazole: Synthesis, Physico-Chemical Characterization and Biological Activity. *Molecules*. 2020; 25(21):5130. ISSN: 1420-3049. FI: 4.411. Q2.
5. **Circioban Denisa**, Ledeti Ionut, Suta Lenuta-Maria, Vlase Gabriela, Ledeti Adriana*, Vlase Titus, Varut Renata, Sbarcea Laura, Trandafirescu Cristina, Dehelean Cristina. Instrumental analysis and molecular modelling of inclusion complexes containing artesunate. *J Therm Anal Calorim*. 2020;142(5):1951-61. ISSN 1388-6150. FI: 4.626. Q2.
6. **Circioban Denisa**, Ledeti Adriana*, Vlase Gabriela, Vlase Titus, Dehelean Cristina, Ledeti, Ionut. Thermal stability and kinetic degradation study for dihydroartemisinin. *J Therm Anal Calorim*. 2020;142(5):2131-9. ISSN 1388-6150. FI: 4.626. Q2.
7. Tanase Ionut-Mihai, Sbarcea Laura*, Ledeti Adriana, Barvinschi Paul, **Circioban Denisa**, Vlase Gabriela, Varut Renata-Maria, Ledeti Ionut. Compatibility studies with pharmaceutical excipients for aripiprazole-heptakis (2,6-di-O-methyl)-beta-cyclodextrin supramolecular adduct. *J Therm Anal Calorim*. 2020;142(5):1963-76. ISSN: 1388-6150. FI: 4.626. Q2.
8. **Circioban Denisa**, Ledeti Adriana*, Vlase Gabriela, Ledeti Ionuț, Vlase Titus, Văruț Renata, Pavel Ioana Zinuca, Dehelean Cristina. Preparation, physicochemical characterization and biological activity evaluation of some inclusion complexes containing artesunate. *J Therm Anal Calorim*. 2020;141(3):1041-51. ISSN: 1388-6150. FI: 4.626. Q2.
9. Ledeti Ionut, Bengescu Cosmina, **Circioban Denisa**, Vlase Gabriela, Vlase Titus, Tomoroga Carmen, Buda Valentina, Ledeti Adriana, Dragomirescu Anca, Murariu Marius. Solid-state stability and kinetic study of three glucocorticoid hormones: prednisolone, prednisone and cortisone. *J Therm Anal Calorim*. 2020;141(3):1053-65. ISSN 1388-6150. FI: 4.626. Q2.
10. Ledeti Ionut, Romanescu Mirabela, **Circioban Denisa**, Ledeti Adriana, Vlase Gabriela, Vlase Titus, Suci Oana, Murariu Marius, Olariu Sorin, Matusz Petru, Buda Valentina, Piciu Doina. Stability and Compatibility Studies of Levothyroxine Sodium in Solid Binary Systems—Instrumental Screening. *Pharmaceutics*. 2020;12(1):58. ISSN: 1999-4923. FI: 6.321. Q1.
11. **Circioban Denisa**, Pavel Ioana Zinuca, Ledeti Adriana, Ledeti Ionut, Danciu Corina, Dehelean Cristina. Cytotoxic Activity Evaluation on Breast Cells of Guest-host Complexes Containing Artemisinin. *Rev Chim*. 2019;70(8):2843-6. ISSN: 0034-7752. FI: 1.755. Q3.
12. **Circioban Denisa**, Ledeti Adriana, Vlase Gabriela, Coricovac Dorina, Moaca Alina, Farcas Claudia, Vlase Titus, Ledeti Ionut, Dehelean Cristina. Guest-host interactions and complex formation for artemisinin with cyclodextrins: instrumental analysis and evaluation of biological activity. *J Therm Anal Calorim*. 2018;134(2):1375-84. ISSN: 1388-6150. FI: 2.471. Q2.
13. **Circioban Denisa**, Ledeti Ionut, Vlase Gabriela, Ledeti Adriana, Axente Carmen, Vlase Titus, Dehelean Cristina. Kinetics of heterogeneous-induced degradation for artesunate and artemether. *J Therm Anal Calorim*. 2018;134(1):749-56. ISSN: 1388-6150. FI: 2.471. Q2.
14. **Circioban Denisa**, Ledeti Adriana, Vlase Gabriela, Moaca Alina, Ledeti Ionut, Farcas Claudia, Vlase Titus, Dehelean Cristina. Thermal degradation, kinetic

- analysis and evaluation of biological activity on human melanoma for artemisinin. *J Therm Anal Calorim.* 2018;134(1):741–8. ISSN: 1388-6150. FI: 2.471. Q2.
15. Ledeti Ionut, Pusztai Agneta, Murariu Marius, Olariu Sorin, Ivan Codrut, **Circioban Denisa**, Vlase Gabriela, Ledeti Adriana, Vlase Titus, Matusz Petru. Comparative instrumental investigations of some bile acids. *J Therm Anal Calorim.* 2018;134(2):1345–50. ISSN: 1388-6150. FI: 2.471. Q2.
 16. Ledeti Ionut, Pusztai Agneta, Muresan Cezara Maria, **Circioban Denisa**, Vlase Gabriela, Axente Carmen, Suta Lenuta Maria, Vlase Titus, Matusz Petru, Ledeti Adriana, Suci Oana, Buda Valentina, Murariu Marius. Study of kinetic characteristics of 6-ethyl chenodeoxycholic acid and deoxycholic acid decomposition in non-isothermal conditions. *J Therm Anal Calorim.* 2018;134(1):757-64. ISSN: 1388-6150. FI: 2.471. Q2.
 17. Ledeti Ionut, Pusztai Agneta, Muresan Cezara Maria, **Circioban Denisa**, Vlase Gabriela, Murariu Marius, Suta Lenuta Maria, Vlase Titus, Ledeti Adriana, Suci Oana, Buda Valentina, Matusz Petru. Study of solid-state degradation of prochlorperazine and promethazine. *J Therm Anal Calorim.* 2018;134(1):731–40. ISSN: 1388-6150. FI: 2.471. Q2.
 18. Vlase Titus, Albu Paul, Ledeti Adriana, **Circioban Denisa**, Mateescu Madalina, Moşoiu Codruta, Vlase Gabriela. Thermal behavior of entacapone, a catechol-O-methyltransferase inhibitor used in Parkinson's disease. *J Therm Anal Calorim.* 2018;134(1):711–20. ISSN: 1388-6150. FI: 2.471. Q2.
 19. Ledeti Adriana, Olariu Tudor, Caunii Angela, Vlase Gabriela, **Circioban Denisa**, Baul Bianca, Ledeti Ionut, Vlase Titus, Murariu Marius. Evaluation of thermal stability and kinetic of degradation for levodopa in non-isothermal conditions. *J Therm Anal Calorim.* 2018;131(2):1881–8. ISSN: 1388-6150. FI: 2.471. Q2.
 20. Ledeti Ionut, Budiul Mihaela, Matusz Petru, Vlase Gabriela, **Circioban Denisa**, Dehelean Cristina, Suta Lenuta Maria, Caunii Angela, Ledeti Adriana, Vlase Titus, Murariu Marius, Bolinteanu Sorin. Preformulation studies for nortriptyline. *J Therm Anal Calorim.* 2018;131(1):191–9. ISSN: 1388-6150. FI: 2.471. Q2.
 21. Ledeti Adriana, Vlase Gabriela, Vlase Titus, **Circioban Denisa**, Dehelean Cristina, Ledeti Ionut, Suta Lenuta Maria. Binary adduct formation of desipramine with dicarboxylic acids. *J Therm Anal Calorim.* 2018;131(1):167–73. ISSN: 1388-6150. FI: 2.471. Q2.
 22. Ledeti Adriana, Vlase Gabriela, Vlase Titus, **Circioban Denisa**, Dehelean Cristina, Ledeti Ionut. Kinetic study for solid-state degradation of mental disorder therapeutic agents. *J Therm Anal Calorim.* 2018;131(1):155–65. ISSN: 1388-6150. FI: 2.471. Q2.
 23. Ledeti Ionut, Bolinteanu Sorin, Vlase Gabriela, **Circioban Denisa**, Ledeti Adriana, Vlase Titus, Suta Lenuta Maria, Caunii Angela, Murariu Marius. Compatibility study between antiparkinsonian drug Levodopa and excipients by FTIR spectroscopy, X-ray diffraction and thermal analysis. *J Therm Anal Calorim.* 2017;130(1):433–41. ISSN: 1388-6150. FI: 2.209. Q2.
 24. Ledeti Ionut, Bolinteanu Sorin, Vlase Gabriela, **Circioban Denisa**, Dehelean Cristina, Suta Lenuta Maria, Caunii Angela, Ledeti Adriana, Vlase Titus, Murariu Marius. Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental techniques. *J Therm Anal Calorim.* 2017;130(1):425–31. ISSN: 1388-6150. FI: 2.209. Q2.
 25. Ledeti Adriana, Vlase Gabriela, **Circioban Denisa**, Ledeti Ionut, Stelea Lavinia, Vlase Titus, Caunii Angela. Comparative Stability of Levodopa Under Thermal Stress in both Oxidative and Inert Media. *Rev Chim.* 2016;67(12):2648–50. ISSN: 0034-7752. FI: 1.232. Q3.
 26. Suta Lenuta Maria, Vlase Gabriela, Ledeti Adriana, Vlase Titus, Matusz Petru, Trandafirescu C, **Circioban Denisa**, Olariu Sorin, Ivan Codrut, Murariu Marius, Stelea Lavinia, Ledeti Ionut. Solid-State Thermal Behaviour of Cholic Acid. *Rev Chim.* 2016;67(2):329–31. ISSN: 0034-7752. FI: 1.232. Q3.
 27. Ledeti Adriana, Vlase Gabriela, Ledeti Ionut, Vlase Titus, Matusz Petru, Dehelean Cristina, **Circioban Denisa**, Stelea Lavinia, Suta Lenuta Maria. Thermal Stability of Desipramine and Imipramine. *Rev Chim.* 2016;67(2):336–8. ISSN: 0034-7752. FI: 1.232. Q3.
 28. **Circioban Denisa**, Dehelean Cristina, Suta Lenuta Maria, Murariu Marius, Vlase Gabriela, Nita Lucian, Soica Codruta, Fuluiş Adriana. Synthesis and Physico-chemical Characterization of Theophylline-succinic Acid Binary Adduct. *Rev Chim.* 2015;66(2):1982–5. ISSN: 0034-7752. FI: 0.956. Q3.

IV. National and International Conferences (Abstracts)

1. *Instrumental screening regarding the preformulation of prednisone in binary systems*
Denisa Circioban, Cosmina Bengescu, Cornelia Muntean, Adriana Ledeti, Gabriela Vlase, Anca Dragomirescu, Laura Sbârcea, Carmen Tomoroga, Ionuț Ledeti
 XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 27 - 28 2021 Online, Udine, Book of abstracts, p. 129-130, ISBN 978-88-3623-039-6.
2. *Thermal stability of antihypertensive drug moxonidine – an isoconversional kinetic study*
Denisa Circioban, Cosmina Bengescu, Cornelia Muntean, Adriana Ledeti, Gabriela Vlase, Anca Dragomirescu, Laura Sbârcea, Carmen Tomoroga, Ionuț Ledeti
 XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 27 - 28 2021 Online, Udine, Book of abstracts, p. 131-132, ISBN 978-88-3623-039-6.
3. *Solid-state stability of valsartan – an isoconversional kinetic study for drug and pharmaceutical formulation*
 Bianca Baul, **Denisa Circioban**, Valentina Buda, Adriana Ledeti, Gabriela Vlase, Titus Vlase, Laura Sbârcea, Francisc Peter, Ionuț Ledeti
 XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 27 - 28 2021 Online, Udine, Book of abstracts, p. 137-138, ISBN 978-88-3623-039-6.
4. *Preformulation studies for aripiprazole and risperidone – an instrumental approach*
 Ionuț Tănase, **Denisa Circioban**, Adriana Ledeti, Gabriela Vlase, Șuta Lenuța-Maria, Laura Sbârcea, Titus Vlase, Daniela Dascălu, Ionuț Ledeti
 XLII National Conference on Calorimetry, Thermal Analysis and Applied Thermodynamics, January 27 - 28 2021 Online, Udine, Book of abstracts, p. 139-140, ISBN 978-88-3623-039-6.
5. *In vitro release study of tenoxicam from hydrogels based on carbomer*
 Lenuța-Maria Șuta, Adriana Ledeti, Ionuț Ledeti, Anca Dragomirescu, **Denisa Circioban**, Lavinia Stelea, Constantin Mircioiu
 12th Edition of the Biopharmacy - Pharmacokinetics & Industrial Pharmacy Symposium, 8 November 2019, Cluj-Napoca, Romania, Medicine and Pharmacy Reports, Supplement No. 5, Vol. 92, 2019, S41, e-ISSN 2668-1250; p-ISSN 2602-0815.

6. *Preliminary evaluation of solid state stability of promestriene*
 Ionuț-Valentin Ledetj, Cosmina Bengescu, **Denisa Cîrcioban**, Valentina Buda, Lenuța-Maria Șuta, Oana Suci, Marius Murariu, Anca Dragomirescu, Gabriela Vlase, Titus Vlase, Adriana Ledetj
 12th Edition of the Biopharmacy - Pharmacokinetics & Industrial Pharmacy Symposium, 8 November 2019, Cluj-Napoca, Romania, Medicine and Pharmacy Reports, Supplement No. 5, Vol. 92, 2019, S48, e-ISSN 2668-1250; p-ISSN 2602-0815.
7. *Shelf-life evaluation of a synthetic progestogen derivative in binary mixtures*
 Adriana Ledetj, **Denisa Cîrcioban**, Lenuța-Maria Șuta, Anca Dragomirescu, Carmen Tomoroga, Marius Murariu, Oana Suci, Gabriela Vlase, Titus Vlase, Ionuț-Valentin Ledetj
 12th Edition of the Biopharmacy - Pharmacokinetics & Industrial Pharmacy Symposium, 8 November 2019, Cluj-Napoca, Romania, Medicine and Pharmacy Reports, Supplement No. 5, Vol. 92, 2019, S53, e-ISSN 2668-1250; p-ISSN 2602-0815.
8. *Ternary systems containing naproxen, omeprazole and functionalized cyclodextrins – preformulation study*
 Lenuța-Maria Șuta, Adriana Ledetj, Lavinia Stelea, **Denisa Cîrcioban**, Oana Suci, Marius Murariu, Gabriela Vlase, Titus Vlase, Ionuț-Valentin Ledetj
 12th Edition of the Biopharmacy - Pharmacokinetics & Industrial Pharmacy Symposium, 8 November 2019, Cluj-Napoca, Romania, Medicine and Pharmacy Reports, Supplement No. 5, Vol. 92, 2019, S56, e-ISSN 2668-1250; p-ISSN 2602-0815.
9. *Solid-state compatibility study between prednisone and pharmaceutical excipients*
 Adriana Ledetj, **Denisa Cîrcioban**, Gabriela Vlase, Titus Vlase, Anca Dragomirescu, Lenuța-Maria Șuta, Cornelia Muntean, Bianca Baul, Ionuț Ledetj
 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC5) and 14th Mediterranean Conference on Calorimetry and Thermal Analysis (Medicta2019), 27-30 August 2019, Rome, Italy, Book of abstracts, p. 375, ISBN 978-3-940237-59-0.
10. *Thermal analysis and molecular modelling of inclusion complexes containing artesunate*
Denisa Cîrcioban, Ionuț Ledetj, Lenuța-Maria Șuta, Gabriela Vlase, Adriana Ledetj, Titus Vlase, Renata Văruț, Cristina Dehelean
 5th Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC5) and 14th Mediterranean Conference on Calorimetry and Thermal Analysis (Medicta2019), 27-30 August 2019, Rome, Italy, Book of abstracts, p. 376, ISBN 978-3-940237-59-0.
11. *Thermal analysis and kinetic degradation study for corticosteroid drug fludrocortisone*
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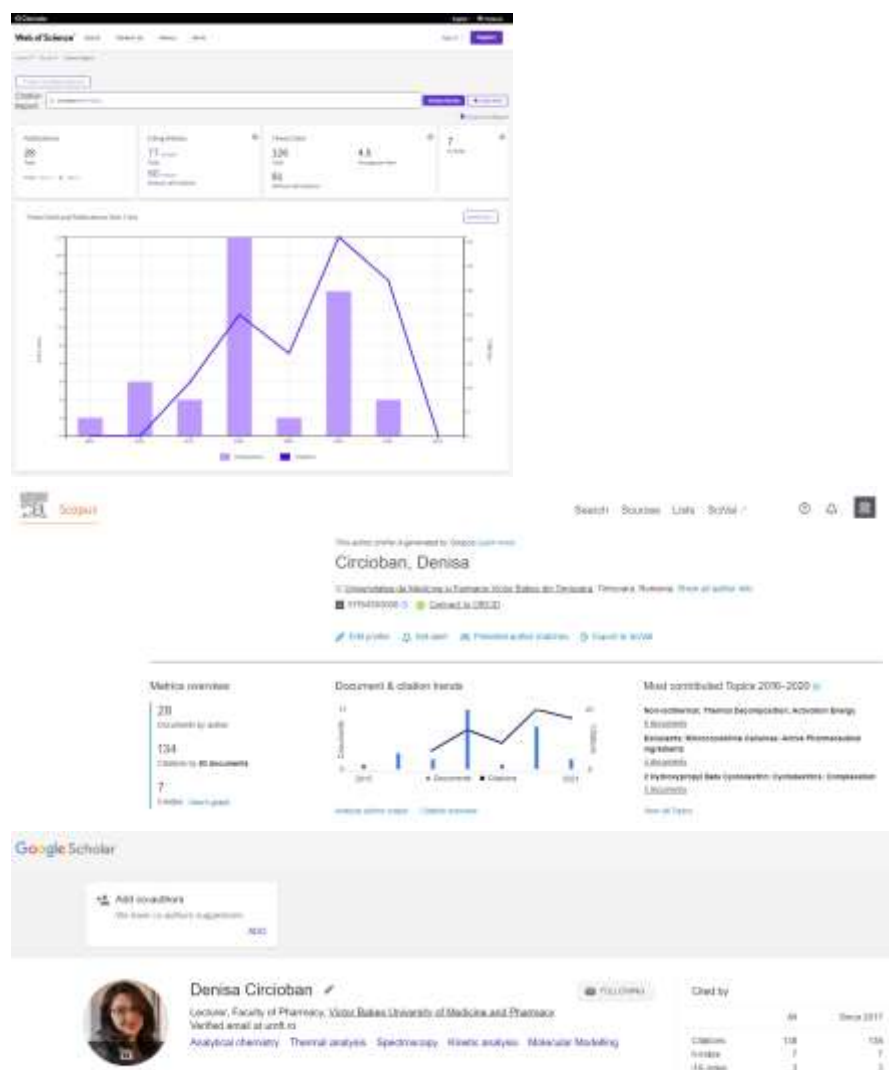
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2. Ledeti Ionut, Bolintineanu Sorin, Vlase Gabriela, **Circioban Denisa**, Ledeti Adriana, Vlase Titus, Suta Lenuta Maria, Caunii Angela, Murariu Marius. Compatibility study between antiparkinsonian drug Levodopa and excipients by FTIR spectroscopy, X-ray diffraction and thermal analysis. J Therm Anal Calorim. 2017. [Award UEFISCDI PN-III-P1-1.1-PRECISI-2017-19360](#)
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 13. Ledeti Ionut, Bengescu Cosmina, **Circioban Denisa**, Vlase Gabriela, Vlase Titus, Tomoroga Carmen, Buda Valentina, Ledeti Adriana, Dragomirescu Anca, Murariu Marius. Solid-state stability and kinetic study of three glucocorticoid hormones: prednisolone, prednisone and cortisone. *J Therm Anal Calorim.* 2020. [Award UEFISCDI PN-III-P1-1.1-PRECISI-202050098](#)
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 15. Sbarcea Laura, Tanase Ionut-Mihai, Ledeti Adriana, **Circioban Denisa**, Vlase Gabriela, Barvinschi Paul, Miclau Marinela, Varut Renata-Maria, Suci Oana, Ledeti Ionut. Risperidone/Randomly Methylated beta-Cyclodextrin Inclusion Complex-Compatibility Study with Pharmaceutical Excipients. *Molecules.* 2021. [Award UEFISCDI PN-III-P1-1.1-PRECISI-202157520](#)
 16. Tanase Ionut-Mihai, Sbarcea Laura*, Ledeti Adriana, Barvinschi Paul, Circioban Denisa, Vlase Gabriela, Varut Renata-Maria, Ledeti Ionut. Compatibility studies with pharmaceutical excipients for aripiprazole-heptakis (2,6-di-O-methyl)-beta-cyclodextrin supramolecular adduct. *J Therm Anal Calorim.* 2020. [Award UEFISCDI PN-III-P1-1.1-PRECISI-2021-53613](#)
 17. Circioban Denisa, Ledeti Adriana*, Vlase Gabriela, Vlase Titus, Dehelean Cristina, Ledeti Ionut. Thermal stability and kinetic degradation study for dihydroartemisinin. *J Therm Anal Calorim.* 2020. [Award UEFISCDI PN-III-P1-1.1-PRECISI-2021-54139](#)
 18. Circioban Denisa, Ledeti Ionut, Suta Lenuta-Maria, Vlase Gabriela, Ledeti Adriana*, Vlase Titus, Varut Renata, Sbarcea Laura, Trandafirescu Cristina, Dehelean Cristina. Instrumental analysis and molecular modelling of inclusion complexes containing artesunate. *J Therm Anal Calorim.* 2020. [Award UEFISCDI PN-III-P1-1.1-PRECISI-2021-55137](#)
 19. Sbarcea Laura, Tanase Ionut-Mihai, Ledeti Adriana, Circioban Denisa, Vlase Gabriela, Barvinschi Paul, Miclau Marinela, Varut Renata-Maria, Trandafirescu Cristina, Ledeti Ionut. Encapsulation of Risperidone by Methylated beta-Cyclodextrins: Physicochemical and Molecular Modeling Studies. *Molecules.* 2020. [Award UEFISCDI PN-III-P1-1.1-PRECISI-2021-56824](#)
 20. Beicu Rodica, Alexa Ersilia, Obiștioiu Diana, Cocan Ileana, Imbrea Florin, Pop Georgeta, Circioban Denisa, Moisa Cristian, Lupitu Andreea, Copolovici Lucian, Copolovici Dana Maria, Imbrea Ilinca Merima. Antimicrobial Potential and Phytochemical Profile of Wild and Cultivated Populations of Thyme (*Thymus sp.*) Growing in Western Romania. *Plants.* 2021. [Award UEFISCDI PN-III-P1-1.1-PRECISI-2021-65086](#)

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