

PERSONAL INFORMATION



AMALIA-IOANA RIDICHIE

 Eftimie Murgu Square no.2, Timișoara, 300041, România

 +40 256 204 476 

 amalia.ridichie@umft.ro

Sex F | Date of birth 18th July 1998 | Nationality Romanian

POSITION

University Assistant, PhD Student, discipline of Analytical Chemistry, Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy

WORK EXPERIENCE

October 2022-present

University Assistant, PhD Student

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Pharmacy, Department I, Discipline of Analytical Chemistry, Eftimie Murgu Sq. no. 2, 300041 Timișoara, Timiș, România, Tel. +40256204476, www.umft.ro

▪ Didactic activities: coordination of laboratory works at the discipline of Analytical Chemistry.

Type or sector of activity Higher education and research

January 2023-present

Pharmacy Resident, Clinical Pharmacy

“Pius Brînzeu” Emergency Hospital, Timișoara, Liviu Rebreanu Boulevard no. 156, 300723, Timișoara, Timiș, Romania, Tel: +40 356 433 111; Fax: +40 256 486 956; www.hosptm.ro

February 2022-August 2022

Internship practice

Farmado Pharmacy, King Carol Boulevard no. 1, 300172, Timișoara, Timiș, Romania, Tel. +40 723 319 182

November 2019-June 2022

Volunteer to the VADA program

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Pharmacy, Department I, Discipline of Analytical Chemistry, Eftimie Murgu Sq. no. 2, 300041 Timișoara, Timiș, Romania, Tel. +40 256 204 476, www.umft.ro

July 2020-June 2021

Volunteer to the VADA program

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Medicine, Department IV, Discipline of Biochemistry, Eftimie Murgu Sq. no. 2, 300041 Timișoara, Timiș, Romania, Tel. +40 256 204 250, www.umft.ro

EDUCATION AND TRAINING

October 2022-present

PhD Student - Chemical Engineering

EQF Level 8

“Politehnica” University of Timișoara, Faculty of Industrial Chemistry and Environmental Engineering, Victoriei Sq. no. 2, 30006, Timișoara, Timiș, Romania, Tel: +40 256 403 069; Fax: +40 256 403 060; www.upt.ro

October 2022-July 2023

Master Degree

EQF Level 7

„Victor Babeș” University of Medicine and Pharmacy, Faculty of Pharmacy, Eftimie Murgu Sq. no. 2 300041 Timișoara, Timiș, Romania, Tel. +40 256 204 476; www.umft.ro

▪ Subjects covered: Formulation and evaluation of dermato-cosmetic products, coordinator: Prof. Anca-Octavia Dragomirescu, PhD.

▪ Dissertation theme: Study of the physicochemical characterization of mupirocin: coordinator: Prof. Ledeti Ionuț Valentin, Ph.D., Hab.

September 2017-September 2022

Bachelor and master degree in Pharmacy

EQF Level 7

„Victor Babeş” University of Medicine and Pharmacy, Faculty of Pharmacy, Eftimie Murgu Sq. no. 2
300041 Timișoara, Timiș, Romania, Tel. +40 256 204 476; www.umft.ro

- Field studied: Pharmacy.
- Diploma of long-term studies (5 years) in Pharmacy (final examination grade: 9.94; ECTS grade 9,75).

September 2013-July 2017

Baccalaureate Diploma

EQF Level 4

“Constantin Diaconovici Loga” National High School, Timișoara, Romania

- Upper secondary education, general education focused on natural sciences (mathematics, chemistry, physics, biology)
- Baccalaureate Diploma, final examination grade: 9.66

PERSONAL SKILLS

Mother tongue

Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Independent user					
French	B2	B2	B2	B2	B2
Independent user					
German	B1	B1	B1	B1	B1
Independent user					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication skills acquired as a result of volunteering within the VADA program and during the internship practice
- Development of communication and presentation skills as a result of the experience as a resident pharmacist

Organisational / managerial skills

- Team spirit, acquired during the professional practice
- Organizational spirit, acquired as a result of the professional experience and as a result of carrying out laboratory activities with students

Job-related skills

- Analytical and instrumental chemistry expertise in advanced instrumental screening
 - Thermal analysis;
 - Spectroscopy (IR technique in tablet and ATR, UV-VIS)
 - Kinetic studies in homogeneous and heterogeneous environments (solids)
- Chemical synthesis and physico-chemical properties of the analytes
 - Design of supramolecular adducts for bioactive compounds (adducts with natural and semi-synthetic cyclodextrins, adducts such as cocrystals and salts, etc.)

Digital competence

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

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- good command of Microsoft Office (Word, Excel, PowerPoint), ISIS Draw, ChemOffice, Origin
- good knowledge of Internet use, including web research

Driving licence B

ADDITIONAL INFORMATION

Publications and citations

I am the author and co-author of some ISI-indexed scientific papers in international journals, having a connection with the analytical methods used in the Analytical Chemistry of drugs (preformulation studies of substances of pharmaceutical interest). I am also a co-author of a laboratory textbook.

Conferences

I participated in a series of national and international scientific conferences, with both posters and oral presentations.

Member of scientific associations

Member of the College of Pharmacists from Romania (CFR)
Member of the Romanian Chemical Society (SChR)
Member of the European Society of Clinical Pharmacy (ESCP)

References

Available on request

ANNEXES

- Publication list

Timișoara,
15th January 2025

University Assistant, PhD student Ridichie Amalia-Ioana

LIST OF PUBLICATIONS

A1. BOOKS

1. Adriana-Violeta Ledeți, Denisa-Laura Cîrcioaban, **Amalia-Ioana Ridichie**, Carmen Tomoroga, Ionuț-Valentin Ledeți – *Qualitative Analytical Chemistry – A Laboratory Textbook*, Press Victor Babeș, Timișoara, 2023, ISBN 978-606-786-329-1, 230 pages;

B1. ISI PAPERS

B1.1 IN EXTENSO ISI ORIGINAL ARTICLES AND REVIEWS (*corresponding authors; # authors with equal contribution)

No.	Authors	Title of article	Journal	IF	Author
1.	Bianca Baul, Adriana Ledeți*, Denisa Cîrcioaban, Amalia Ridichie , Titus Vlase, Gabriela Vlase, Francisc Peter*, Ionuț Ledeți	Thermal Stability and Kinetics of Degradation of Moxonidine as Pure Ingredient vs. Pharmaceutical Formulation	Processes, 2023, 11(6), 1738; DOI: 10.3390/pr11061738	2.8/2023	Co-author
2.	Amalia Ridichie , Adriana Ledeți*, Francisc Peter*, Ionuț Ledeți, Cornelia Muntean, Matilda Rădulescu	Kinetic Investigation of the Oxidative Thermal Decomposition of Levonorgestrel	Processes, 2023; 11(11):3210; DOI: 10.3390/pr11113210	2.8/2023	First author
3.	Lenuta-Maria Șuta, Amalia Ridichie* , Adriana Ledeți, Claudia Temereanca*, Ionuț Ledeți, Delia Muntean, Matilda Rădulescu, Renata-Maria Văruț, Claudia Watz, Florentin Crăineanu, Denisa Ivan, Gabriela Vlase, Lavinia Stelea	Host-Guest Complexation of Itraconazole with Cyclodextrins for Bioavailability Enhancement	Pharmaceutics, 2024; 9;16(4):560; DOI: 10.3390/pharmaceutics16040560	4.9/2023	Corresponding author
4.	Amalia Ridichie , Adriana Ledeți*, Laura Sbârcea, Gerlinde Rusu, Cornelia Muntean, Denisa Cîrcioaban, Francisc Peter, Ionuț Ledeți	Preformulation studies of levonorgestrel	Journal of thermal analysis and calorimetry, 2024; DOI: 10.1007/s10973-024-13149-w	3/2023	First author
5.	Răzvan Adrian Bertici, Nicoleta Sorina Bertici*, Amalia Ridichie , Ovidiu Fira-Mladinescu	Comorbidities, Treatment and Survival Rates of Chronic Thromboembolic Pulmonary Hypertension in a Regional Centre	Journal of clinical medicine, 2024; 13(10):2754; DOI: 10.3390/jcm13102754	3/2023	Co-author
6.	Minodora Andor, Claudia Temereanca, Laura Sbârcea, Adriana Ledeți*, Dana Emilia Man, Cristian Momos, Amalia Ridichie , Denisa Cîrcioaban, Gabriela Vlase, Paul Barvinschi, Angela Caunii, Renata-Maria Văruț, Cristina Maria Trandafirescu, Ionuț Ledeți, Valentina Buda, Matilda Rădulescu	Host-Guest Interaction Study of Olmesartan Medoxomil with β -Cyclodextrin Derivatives	Molecules, 2024; 29(10):2209; DOI: 10.3390/molecules29102209	4.2/2023	Co-author
7.	Denisa Cîrcioaban, Adriana Ledeți*, Amalia Ridichie , Titus Vlase, Ionuț Ledeți, Ionela-Amalia Bradu, Alexandru Pahomi, Laura Sbârcea, Gabriela Vlase	Compatibility study of mirtazapine with several excipients used in pharmaceutical dosage forms employing thermal and non-thermal methods	Journal of thermal analysis and calorimetry, 2024; DOI: 10.1007/s10973-024-13181-w	3/2023	Co-author
8.	Andreea-Anda Alexa, Vasile-Nicolae Bercean, Sabina Elena Boncea, Adriana Ledeți*, Valentin Badea, Amalia Ridichie , Marilena Motoc, Ionuț Ledeți	Synthesis, Characterization and Biological Activity Evaluation of Some 1,N-bis-(4-amino-5-mercapto-1,2,4-triazol-3-yl) Alkanes	Applied sciences-basel, 2024; 14(14):6180; DOI: 10.3390/app14146180	2.5/2023	Co-author
9.	Amalia Ridichie , Cosmina Bengescu, Adriana Ledeți*, Gerlinde Rusu, Răzvan Bertici, Titus Vlase, Gabriela Vlase, Francisc Peter, Ionuț Ledeți, Matilda Rădulescu	Thermal stability, preformulation, and kinetic degradation studies for gestrione	Journal of thermal analysis and calorimetry, 2024; DOI: 10.1007/s10973-024-13520-x	3/2023	First author
10.	Dana Emilia Man, Ema-Teodora Nitu, Claudia Temereanca, Laura Sbârcea, Adriana Ledeți, Denisa Ivan, Amalia Ridichie , Minodora Andor, Alex-Robert Jijie, Paul Barvinschi, Gerlinde Rusu, Renata-Maria Varut, Ionut Ledeți	Host-Guest Complexation of Olmesartan Medoxomil by Heptakis(2,6-di-O-methyl)- β -cyclodextrin: Compatibility Study with Excipients	Pharmaceutics 2024, 16, 1557. DOI: 10.3390/pharmaceutics16121557	4.9/2023	Co-author
11.	Adriana Ledeți, Bianca Baul, Amalia Ridichie , Denisa Ivan, Titus Vlase, Carmen Tomoroga, Anca Dragomirescu, Gabriela Vlase, Razvan Adrian Bertici, Dana Emilia Man, Ionut Ledeți	Thermooxidation of Four Sartans: Kinetic Analysis Based on Thermo-Gravimetric Data	Molecules 2024, 29, 5527. DOI: 10.3390/molecules29235527	4.2/2023	Co-author
12.	Ionut Ledeți, Claudia Temereanca, Amalia Ridichie , Adriana Ledeți, Denisa Laura Ivan, Gabriela Vlase, Titus Vlase, Carmen Tomoroga, Laura Sbarcea, Oana Suci	Oxidative Thermolysis of Sulfobutyl-Ether-Beta-Cyclodextrin Sodium Salt: A Kinetic Study	Appl. Sci. 2025, 15, 441. DOI: 10.3390/app15010441	2.5/2023	Co-author

B2. SCIENTIFIC PAPERS PUBLISHED IN BDI JOURNALS

No.	Authors	Title of article	Journal	Author
1	Amalia Ridichie , Adriana Ledeti*, Denisa Ivan, Carmen Tomoroga, Laura Sbârcea, Lenuța-Maria Șuta, Răzvan Bertici, Anca Dragomirescu, Florentin Crăineanu, Ionuț Ledeti	Solid-State Characterization of Mupirocin and Metronidazole	Timisoara Med 2024, 2023(2), 3; DOI: 10.35995/tmj20230203	First author

C. ABSTRACTS FROM INTERNATIONAL AND NATIONAL CONFERENCES (selection)

1.	HOST-GUEST INTERACTIONS AND FORMATION OF TERNARY INCLUSION COMPLEXES - NAPROXEN:OMEPRazole:CYCLODEXTRINS Lenuța-Maria Șuta, Amalia Ridichie , Adriana Ledeti, Lavinia Stelea, Denisa Cîrcioban, Gabriela Vlase, Daniela Stoin, Laura Sbârcea, Titus Vlase, Laurian Vlase, Ionuț Ledeti The 13 th European Symposium on Thermal Analysis and Calorimetry (ESTAC13), 19-22 September 2022, Palermo, Italy, www.estac13.org . BOOK OF ABSTRACTS, PP 45, p.148
2.	ENCAPSULATION OF TANGERINE AND GRAPEFRUIT OILS IN HOST-GUEST INCLUSION COMPLEXES WITH CYCLODEXTRINS Claudia Olteanu, Denisa Cîrcioban, Amalia Ridichie , Adriana Ledeti, Gabriela Vlase, Laura Sbârcea, Cristina Trandafirescu, Valentina Buda, Germaine Săvoiu, Ionuț Ledeti The 13 th European Symposium on Thermal Analysis and Calorimetry (ESTAC13), 19-22 September 2022, Palermo, Italy, www.estac13.org . BOOK OF ABSTRACTS, PP 64, p.166
3.	KINETIC INVESTIGATION OF OXIDATIVE THERMAL DECOMPOSITION OF LEVONORGESTREL Amalia Ridichie , Adriana Ledeti, Francisc Peter, Ionuț Ledeti The 16 th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023), 19-21 July 2023, Porto, Portugal. BOOK OF ABSTRACTS, ISBN 978-989-35015-3-5, P.B3, p.79
4.	KINETIC ANALYSIS OF NON-ISOTHERMAL DECOMPOSITION OF GESTRINONE Amalia Ridichie , Adriana Ledeti, Gerlinde Rusu, Francisc Peter, Ionuț Ledeti The 16 th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023), 19-21 July 2023, Porto, Portugal. BOOK OF ABSTRACTS, ISBN 978-989-35015-3-5, P.B5, p.81
5.	COMPATIBILITY STUDY OF MIRTAPAZINE WITH SEVERAL EXCIPIENTS USED IN PHARMACEUTICAL DOSAGE FORMS EMPLOYING THERMAL AND NON-THERMAL METHODS Denisa Cîrcioban, Adriana Ledeti, Amalia Ridichie , Titus Vlase, Ionuț Ledeti, Amalia Bradu, Alexandru Pahomi, Gabriela Vlase The 16 th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023), 19-21 July 2023, Porto, Portugal. BOOK OF ABSTRACTS, ISBN 978-989-35015-3-5, P.C8, p.89
6.	PREFORMULATION STUDIES OF LEVONORGESTREL Amalia Ridichie , Adriana Ledeti, Gerlinde Rusu, Laura Sbârcea, Denisa Cîrcioban, Francisc Peter, Ionuț Ledeti The 16 th Mediterranean Conference on Calorimetry and Thermal Analysis (MEDICTA 2023), 19-21 July 2023, Porto, Portugal. BOOK OF ABSTRACTS, ISBN 978-989-35015-3-5, P.C12, p.93
7.	STUDY ON THE COMPLEXATION OF QUERCETIN WITH METHYL-B-CYCLODEXTRINS Daniela-Ioana Mitrofan-Bandol, Luciana Elena Buliga, Amalia Ridichie , Ema Nițu, Denisa Cîrcioban, Raluca Pop, Adriana Ledeti, Ionuț Ledeti, Laura Sbârcea Congresul Național de Farmacie 2023, ediția a XIX-a; 27-29 September 2023; Cluj-Napoca, Romania; BOOK OF ABSTRACTS, ID 980, p.34
8.	INTERACTION STUDY OF METHOTREXAT WITH DERIVATIVE B-CYCLODEXTRINS Luciana Elena Buliga, Ioana Mitrofan, Amalia Ridichie , Denisa Cîrcioban, Raluca Pop, Adriana Ledeti, Angela Caunii, Ionuț Ledeti, Laura Sbârcea Congresul Național de Farmacie 2023, ediția a XIX-a; 27-29 September 2023; Cluj-Napoca, Romania; BOOK OF ABSTRACTS, ID 934, p.39
9.	SUPRAMOLECULAR INTERACTIONS BETWEEN ITRACONAZOLE AND FUNCTIONALIZED CYCLODEXTRINS Lenuța Maria Șuta, Adriana Ledeti, Lavinia Stelea, Denisa Cîrcioban, Amalia Ridichie , Claudia Watz, Gabriela Vlase, Delia Muntean, Ionuț-Valentin Ledeti, Titus Vlase Congresul Național de Farmacie 2023, ediția a XIX-a; 27-29 September 2023; Cluj-Napoca, Romania; BOOK OF ABSTRACTS, ID 737, p. 55
10.	COMPATIBILITY STUDIES OF SILDENAFIL-HPBCD INCLUSION COMPLEX WITH PHARMACEUTICAL EXCIPIENTS Răzvan Bertici, Amalia Ridichie , Nicoleta Bertici, Adriana Ledeti, Ionuț Ledeti, Renata-Maria Văruț, Laura Sbârcea, Dragoș Cătălin Jianu, Ovidiu Fira-Mladinescu The 2 nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, PP1.01, p.74
11.	BINARY ADDUCTS OF PRASTERONE – PREPARATION AND INSTRUMENTAL INVESTIGATIONS Amalia Ridichie , Răzvan Bertici, Adriana Ledeti, Gerlinde Rusu, Laura Sbârcea, Cornelia Muntean, Francisc Peter, Ionuț Ledeti The 2 nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, PP1.02, p.75
12.	SULFOBUTYLETHER β -CYCLODEXTRIN OF QUERCETIN. COMPATIBILITY WITH EXCIPIENTS Ioana Mitrofan, Luciana Buliga, Ema Nițu, Amalia Ridichie , Adriana Ledeti, Cornelia Muntean, Gerlinde Rusu, Raluca Pop, Sebastian Simu, Ionuț Ledeti, Laura Sbârcea The 2 nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, PP1.04, p.77
13.	PREPARATION AND CHARACTERISATION OF INCLUSION COMPLEXES OF CARVEDILOL WITH DIMEB AND RAMEB

- Ema Nițu, Ioana Mitrofan, Luciana Buliga, **Amalia Ridichie**, Adriana Ledetj, Cornelia Muntean, Gerlinde Rusu, Renata Văruț, Carmen Tomoroga, Ionuț Ledetj, Laura Sbârcea
The 2nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, PP1.05, p.78
14. PREFORMULATION STUDIES OF PROGESTERONE – AN INSTRUMENTAL APPROACH
Amalia Ridichie, Adriana Ledetj, Cosmina Bengescu, Laura Sbârcea, Cornelia Muntean, Gerlinde Rusu, Răzvan Bertici, Florentin Crăineanu, Francisc Peter, Ionuț Ledetj
The 2nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, PP1.08, p.81
15. THERMOLYSIS OF CYPROTHERONE ACETATE AND PROGESTERONE: ISOCONVERSIONAL KINETIC ANALYSIS BASED ON THERMOGRAVIMETRIC DATA
Amalia Ridichie, Adriana Ledetj, Cosmina Bengescu, Gabriela Vlase, Titus Vlase, Laura Sbârcea, Francisc Peter, Ionuț Ledetj
The 2nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, PP2.09, p.134
16. OXIDATIVE DEGRADATION OF PREGNENOLONE AND PRASTERONE – A KINETIC ANALYSIS
Amalia Ridichie, Adriana Ledetj, Cosmina Bengescu, Laura Sbârcea, Gabriela Vlase, Titus Vlase, Florentin Crăineanu, Francisc Peter, Ionuț Ledetj
The 2nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, PP2.10, p.135
17. THERMOLYSIS OF FOUR SARTANS: KINETIC ANALYSIS BASED ON THERMOGRAVIMETRIC DATA
Adriana Ledetj, **Amalia Ridichie**, Bianca Baul, Carmen Tomoroga, Gabriela Vlase, Titus Vlase, Ionuț Ledetj
The 33rd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania BOOK OF ABSTRACTS, P1, p.32
18. SOLID-STATE STABILITY AND KINETIC ANALYSIS OF FLUOROMETHOLONE
Carmen Tomoroga, **Amalia Ridichie**, Denisa Ivan, Ionuț Ledetj, Adriana Ledetj
The 33rd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania BOOK OF ABSTRACTS, P2, p.33
19. THE INFLUENCE OF CO-SOLVENT ON CYCLODEXTRIN COMPLEXATION: STUDY ON CARVEDILOL
Ema Nițu, Ioana Mitrofan, Luciana Buliga, **Amalia Ridichie**, Adriana Ledetj, Cornelia Muntean, Gerlinde Rusu, Gabriela Vlase, Denisa Ivan, Carmen Tomoroga, Ionuț Ledetj, Laura Sbârcea
The 33rd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania BOOK OF ABSTRACTS, P4, p.35
20. PREPARATION AND CHARACTERISATION OF INCLUSION COMPLEX OF LEVONORGESTREL WITH SULFOBUTYLETHYR-BETA-CYCLODEXTRIN
Amalia Ridichie, Laura Sbârcea, Ema Nițu, Răzvan Bertici, Francisc Peter, Ionuț Ledetj
The 33rd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania BOOK OF ABSTRACTS, P6, p.37

D. ORAL COMMUNICATIONS AND PLENARY LECTURES

1. ENCAPSULATION OF ARTEMISININ AND ITS DERIVATIVES BY SULFOBUTYLATED β-CYCLODEXTRIN: PHYSICO-CHEMICAL AND MOLECULAR MODELLING STUDIES
Amalia Ridichie, Adriana Ledetj, Denisa Cîrcioaban, Gabriela Vlase, Titus Vlase, Renata Văruț, Francisc Peter, Ionuț Ledetj
Prezentare orală la 31st Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR31), 20-22 October 2022, Reșița – Romania BOOK OF ABSTRACTS, OP4, p.22
2. SOLID-STATE CHARACTERIZATION OF MUPIROCIN AND METRONIDAZOLE
Amalia Ridichie, Adriana Ledetj, Anca Dragomirescu, Laura Sbârcea, Denisa Ivan, Ionuț-Valentin Ledetj
Prezentare orală la 32nd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR32), 3rd November 2023, Turnu Măgurele – Romania BOOK OF ABSTRACTS, OP9, p.23
3. SOLID-STATE STABILITY AND PREFORMULATION STUDIES OF ETHYL-NORGESTRIENONE
Amalia Ridichie, Adriana Ledetj, Laura Sbârcea, Francisc Peter, Ionuț-Valentin Ledetj
Prezentare orală la 32nd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR32), 3rd November 2023, Turnu Măgurele – Romania BOOK OF ABSTRACTS, OP6, p.20
4. PREPARATION AND CHARACTERIZATION OF BINARY ADDUCTS CONTAINING CARVEDILOL
Ema-Teodora Nițu, Adriana Ledetj, **Amalia Ridichie**, Laura Sbârcea, Ionuț-Valentin Ledetj
Prezentare orală la 32nd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR32), 3rd November 2023, Turnu Măgurele – Romania BOOK OF ABSTRACTS, OP10, p.24
5. THERMAL STABILITY AND DEGRADATION OF THREE SIMILARSTRUCTURED ENDOGENOUS ESTROGENS
Amalia Ridichie, Adriana Ledetj, Cosmina Bengescu, Laura Sbârcea, Denisa Ivan, Gabriela Vlase, Titus Vlase, Francisc Peter, Ionuț Ledetj
Prezentare orală la The 2nd Central and Eastern European Conference on Physical Chemistry&Material Science (CEEC-PCMS2), 16-19 September 2024, Kaunas, Lithuania. BOOK OF ABSTRACTS, ISBN 978-609-02-1870-9, OP4.05, p.66
6. RECENT CONTRIBUTIONS TO PREFORMULATION OF HORMONAL COMPOUNDS USED IN THERAPY

Ionuț Ledetj, **Amalia Ridichie**, Cosmina Bengescu, Laura Sbârcea, Cornelia Muntean, Gerlinde Rusu, Răzvan Bertici, Florentin Crăineanu, Francisc Peter, Adriana Ledetj

Prezentare orală la 33rd Symposium on Thermal Analysis and Calorimetry "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy (CATCAR33), 17-18 October 2024, Timisoara, Romania BOOK OF ABSTRACTS, OP1, p.24

E. CITATIONS AND h-INDEX

- **h-index Google Scholar: 2; Citations from Google Scholar: 16**
- **h-index Web of Science: 2; Citations from Web of Science: 16**

H. LIST OF THE 10 REPRESENTATIVE WORKS FOR OWN PROFESSIONAL ACHIEVEMENTS

1. Winner of the Grant "Exceptional Students from Central & Eastern Europe in the field of Physical Chemistry & Materials Science"

The 2nd Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEPCMS2), Kaunas, Lithuania

Timișoara,
15th January 2025

University Assistant, PhD student Ridichie Amalia-Ioana