

Personal information



ADRIANA-VIOLETA LEDEȚI

📍 Eftimie Murgu Square no.2, Timișoara, România

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✉ afulias@umft.ro

Sex F | Date of birth September, 11, 1981 | Nationality Romanian

POSITION

Full Professor, Discipline of Analytical Chemistry and Instrumental Analysis, Faculty of Pharmacy, UMF „Victor Babeș” Timișoara, head of discipline

WORK EXPERIENCE

September 2017-present

Full Professor, Discipline of Analytical Chemistry and Instrumental Analysis, Faculty of Pharmacy, UMF „Victor Babeș” Timișoara

University of Medicine and Pharmacy “Victor Babeș”, Faculty of Pharmacy, Eftimie Murgu Square No 2, Timișoara, RO – 300041, ROMÂNIA, Tel. +40 (0) 256 204 476, www.umft.ro

▪ Courses of Analytical Chemistry;

September 2013- September 2017

Associate professor, Discipline of Analytical Chemistry and Instrumental Analysis, Faculty of Pharmacy, UMF „Victor Babeș” Timișoara

University of Medicine and Pharmacy “Victor Babeș”, Faculty of Pharmacy, Eftimie Murgu Square No 2, Timișoara, RO – 300041, ROMÂNIA, Tel. +40 (0) 256 204 476, www.umft.ro

▪ Courses and practical stages – Analytical Chemistry;

October 2011-September 2013

Lecturer

University of Medicine and Pharmacy “Victor Babeș”, Faculty of Pharmacy, Eftimie Murgu Square No 2, Timișoara, RO – 300041, ROMÂNIA, Tel. +40 (0) 256 204 476, www.umft.ro

▪ Courses and practical stages – Analytical Chemistry;

February 2008-October 2011

Assistant lecturer

University of Medicine and Pharmacy “Victor Babeș”, Faculty of Pharmacy, Eftimie Murgu Square No 2, Timișoara, RO – 300041, ROMÂNIA, Tel. +40 (0) 256 204 476, www.umft.ro

▪ practical stages – Analytical Chemistry;

February 2006- February 2008

Preparatory Teacher

University of Medicine and Pharmacy “Victor Babeș”, Faculty of Pharmacy, Eftimie Murgu Square No 2, Timișoara, RO – 300041, ROMÂNIA, Tel. +40 (0) 256 204 476, www.umft.ro

▪ practical stages – Analytical Chemistry;

March 2005-February 2016

Research chemist

Institute of Chemistry Timisoara of Romanian Academy, 24 Mihai Viteazul Ave, 300223- Timisoara, Romania, Tel. +40 (0) 256 491 818, <http://acad-icht.tm.edu.ro/wp/>

▪ Working in a research team – Synthesis and characterization of new asymmetric porphyrins

EDUCATION AND TRAINING

May 2014-October 2015

Research fellowships project, postdoctoral student A. Fulias

Nivel EQF 8

University of Medicine and Pharmacy “Victor Babeș”, Faculty of Pharmacy, Eftimie Murgu Square No 2, Timișoara, RO – 300041, ROMÂNIA, Tel. +40 (0) 256 204 476, www.umft.ro

▪ Grant Contract: POSDRU/159/1.5/S/ 136 893–17month:

▪ Synthesis and physicochemical characterization of new pharmaceutical co-crystals, POSDRU/159/1.5/S/136893

November 2006-March 2010

PhD courses in Chemistry

Nivel EQF 8

West University of Timișoara, Faculty of Chemistry – Biology – Geography, Department of Chemistry, Pestalozzi Street 16, Timișoara, RO – 300115, ROMÂNIA, www.uvt.ro

▪ Scientific domains approached: thermal stability; kinetic study and drugs’ compatibility; drug–excipients’ interactions

▪ PhD Thesis – “THERMAL STABILITY OF SOME SUBSTANCES WITH PHARMACEUTICAL ACTIVITY AND THEIR GALENIC FORMS, PhD coordinator: Prof.univ.dr. Nicolae Doca

▪ PhD Diploma (Seria G Nr. 0007150)

October 2014- July 2006

master courses „Chemistry of Biological Activity Compounds”

Nivel EQF 7

West University of Timișoara, Faculty of Chemistry – Biology – Geography, Department of Chemistry, Pestalozzi Street 16, Timișoara, RO – 300115, ROMÂNIA , www.uvt.ro

- master courses „Chemistry of Biological Activity Compounds”
- Principal subjects / occupational skills covered : QSAR (Quantitative Structure–Activity Relationships)

October 2000- July 2004

Bachelor of Science in Chemistry

Nivel EQF 6

West University of Timișoara, Faculty of Chemistry – Biology – Geography, Department of Chemistry, Pestalozzi Street 16, Timișoara, RO – 300115, ROMÂNIA , www.uvt.ro

- Principal subjects / occupational skills covered : Chemistry,

October 2000-July 2004

Courses of Preparation for Didactic / Teaching Personal

Nivel EQF 6

West University of Timișoara, Faculty of Chemistry – Biology – Geography, Department of Chemistry, Pestalozzi Street 16, Timișoara, RO – 300115, ROMÂNIA , www.uvt.ro

- Graduation Certificate: Social science disciplines

September 1996-June 2000

**School-leaving examination Diploma
Programming Diploma**

Nivel EQF 4

„Moise Nicoară” National College, IT profile, Arad, România

- Computer skills and programming, mathematics

**PERSONAL SKILLS AND
COMPETENCES**

Mother tongue

Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](http://www.european-council.europa.eu/media/Default.aspx?lang=en)

Social skills and competences

- Team work ; adapting skills

Scientific competences

- - The synthesis of various substituted compounds of meso-tetraphenylporphyrins and their characterization by IR spectroscopy, NMR spectroscopy, gas chromatography, high performance liquid chromatography
- - Computational Chemistry - WOMBAT database
- - The use of thermoanalytical methods to determine the thermal stability of some active substances and their mixtures with various excipients, or the so-called life-time prediction, term which characterizes the formulation and storage conditions of the future galenic forms.
- - Use of other analytical techniques such as FT-IR spectroscopy, X-ray diffraction and scanning electron microscopy (SEM) as complementary tools that help interprets the thermoanalytical results.
- - Kinetic Studies: Determination of kinetic parameters (activation energy, pre-exponential factor, reaction order) by applying non-isothermal differential (Friedman) and integral kinetic methods (Kissinger-Akahira-Sunose and Flynn-Wall-Ozawa), respectively NPK method with the highest degree of accuracy (does not use any approximation).

ADDITIONAL INFORMATION

- Contribution at books and book chapters
- Scientific Papers published or communicated (selection)

Timișoara,
April, 05, 2025

Professor Adriana-Violeta Ledeți, PhD

University of Medicine and Pharmacy "Victor Babeș",
Faculty of Pharmacy, Eftimie Murgu
Department I
Square No 2, Timișoara, RO – 300041, ROMÂNIA

Full Professor ADRIANA-VIOLETA LEDEȚI (maiden name FULIAȘ)

LIST OF SCIENTIFIC PAPERS

Contribution at books and book chapters

A. Phd Thesis

THERMAL STABILITY OF SOME SUBSTANCES WITH PHARMACEUTICAL ACTIVITY AND THEIR GALENIC FORMS
Scientific ADVISER : Prof. Dr. Ing. NICOLAE DOCA

B. Books

1. Chimie Analitică Calitativă. Lucrări practice
Adriana Fuliaș, Bogdan Tița, Dumitru Tița
Editura Mirton, Timișoara, 2008, ISBN 978-973-52-0320-7, 130 pagini.
2. WOMBAT and WOMBAT-PK: Bioactivity Databases for Lead and Drug Discovery
Marius Olah, Ramona Rad, Liliana Ostopovici, Alina Bora, Nicoleta Hadaruga, Dan Hadaruga, Ramona Moldovan, **Adriana Fuliaș**, Maria Mracec, Tudor Oprea
„Wombat and Wombat-PK: Bioactivity databases for lead and drug discovery” in CHEMICAL BIOLOGY – From Small Molecules to Systems Biology and Drug Design , Volume 2 , Edited by Stuart L. Schreiber, Tarun Kapoor, Gunther Wess, WILEY – VCH Verlag GmbH & Co., Weinheim, New York, 2007, pag 760 – 786, ISBN: 978-3-527-31150-7
3. Metode Fizico-Chimice de Analiză a Medicamentelor
Adriana Fuliaș, Nicolae Doca
Editura Universitatea de Vest-Timisoara, 2009
Seria Monografiilor de Chimie, Nr. 68, ISSN 1584-1227, 121 pagini.
4. Rolul excipienților în absorbția și stabilitatea formelor farmaceutice solide
Adriana Fuliaș
Editura Universitatea de Vest-Timisoara, 2009
Seria Monografiilor de Chimie, Nr. 69, ISSN 1584-1227, 47 pagini.
5. Exploring Life. Chemistry, Biochemistry and Physiology of Cell. Lecture Notes
Germaine Săvoiu-Balint, Claudia Borza, Corina Șerban, Georgeta Simu, Cristina Dehelean, Mihaela Andoni, I. Muntean, Iulia Pînzaru, **Adriana Fuliaș**
Editura Eurobit Timișoara, 2014, 140 pagini, ISBN 978-973-132-158-5.
6. CHIMIE ANALITICĂ CALITATIVĂ – NOTE DE CURS
Adriana-Violeta Ledeti
Editura Mirton Timișoara, 2017, 187 pagini, ISBN 978-973-52-1698-6
7. CHIMIE ANALITICĂ CANTITATIVĂ – NOTE DE CURS. Analiza chimică titrimetrică
Adriana-Violeta Ledeti
Editura Mirton Timișoara, 2017, 260 pagini, ISBN 978-973-52-1697-9
8. CHIMIE ANALYTIQUE QUANTITATIVE – NOTES DE COURS.
Adriana-Violeta Ledeti, Carmen Axente, Denisa-Laura Cîrcioban, Ionuț-Valentin Ledeti, Florin Borcan
Editura Mirton Timișoara, 2018, 273 pagini, ISBN 978-973-52-1770-9
9. BAZELE PRACTICE ALE ANALIZEI CHIMICE CALITATIVE – APLICAȚII ÎN DOMENIUL FARMACEUTIC
Adriana-Violeta Ledeti, Ionuț-Valentin Ledeti, Denisa-Laura Cîrcioban
Editura Mirton, Timișoara, 2018, 211 pagini, ISBN 978-973-52-1781-5
10. CHIMIE ANALYTIQUE QUALITATIVE – NOTES DE COURS
Adriana-Violeta Ledeti, Carmen Axente
Editura Mirton, Timișoara, 2018, 200 pagini, ISBN 978-973-52-1785-3

C. ISI Papers

No	Authors		Title	Journal	Impact factor
1.	Adriana Fuliaș , Eugenia Fagadar-Cosma, Dana Vlascici, Bianca Maranescu, Constantin Cozmiuc	First author	Comparative study of the obtaining and HPLC, UV-VIS and IR characteristics of the monomer and dimer type complexes of meso-tetraphenylporphyrine with Zr(IV)	Revista de Chimie-București, 2005, 56 (10), 1040-1043	FI=0.552/2009
2.	Bogdan Tița, Adriana Fuliaș , Eleonora Marian, Dumitru Tița	Co-author	Thermal behaviour of acetylsalicylic acid – active substance and tablets. Kinetic study under non-isothermal conditions	Revista de Chimie-București, 2009, 60(4), 419–423,	FI=0.552/2009
3.	Bogdan Tița, Adriana Fuliaș , Eleonora Marian, Dumitru Tița	Co-author	Thermal stability and decomposition kinetics under non-isothermal conditions of sodium diclofenac	Revista de Chimie-București, 2009, 60(5), 524–529	FI=0.552/2009
4.	Titus Vlase, Gabriela Vlase, Nicolae Doca, Gheorghe Ilia, Adriana Fuliaș	Last author	Coupled thermogravimetric–IR techniques and kinetic analysis by non-isothermal decomposition of Cd ²⁺ and Co ²⁺ vinyl-phosphonates	Journal of Thermal Analysis and Calorimetry 2009, 97(2), 467–472	FI=1.587/2009
5.	Adriana Fuliaș , Bogdan Tița, Geza Bandur, Dumitru Tița	First author	Thermal decomposition of some benzodiazepines under non-isothermal conditions. Kinetic study	Revista de Chimie București, 2009, 60(10), 1079–1083	FI=0.552/2009
6.	Bogdan Tița, Adriana Fuliaș , Gerlinde Rusu, Dumitru Tița	Co-author	Thermal behaviour of indomethacin – active substance and tablets. Kinetic study under non-isothermal conditions	Revista de Chimie-București, 2009, 60(11), 1210–1215	FI=0.552/2009
7.	Adriana Fuliaș , Titus Vlase, Gabriela Vlase, Nicolae Doca	First author	Thermal behaviour of cephalexin in different mixtures	Journal of Thermal Analysis and Calorimetry 2010, 99(3), 987–992	FI=1.752/2010
8.	Adriana Fuliaș , Gabriela Vlase, Titus Vlase, Bogdan Tița, Dumitru Tița, Nicolae Doca	First author	Thermal study of cefoperazone monohydrate	Revue Roumaine de Chimie 2010, 55(8), 481–486	FI=0.311/2010
9.	Bogdan Tița, Adriana Fuliaș , Geza Bandur, Gerlinde Rusu, Dumitru Tița	Co-author	Thermal stability of ibuprofen. Kinetic study under non-isothermal conditions	Revue Roumaine de Chimie 2010, 55(9), 553–558	FI=0.311/2010
10.	Dumitru Tița, Adriana Fuliaș *, Bogdan Tița, Gabriela Vlase, Titus Vlase, Nicolae Doca	Corresponding author	Thermal behaviour of active compounds versus some pharmaceutical compounds for some benzodiazepines	Revue Roumaine de Chimie 2010, 55(11-12), 1047-1052	FI=0.311/2010
11.	Bogdan Tița, Adriana Fuliaș , Dumitru Tița	Co-author	Kinetic Study of Indomethacin under Isothermal Conditions	Revista de Chimie– București 61(11), 2010, 1037–1041	FI=0.693/2010
12.	Adriana Fuliaș , Titus Vlase, Gabriela Vlase, Zoltan Szabadai, Dumitru Tița, Nicolae Doca	First author	Thermoanalytical study of cefadroxil and its mixtures with different excipients	Revista de Chimie– București 61(12), 2010, 1202–1206	FI=0.693/2010
13.	Bogdan Tița, Adriana Fuliaș , Mircea Ștefănescu, Eleonora Marian, Dumitru Tița	Co-author	Kinetic study of sodium diclofenac under isothermal conditions	Revista de Chimie– București 2011, 62(1), 31–36	FI=0.599/2011
14.	Bogdan Tița, Adriana Fuliaș , Mircea Ștefănescu, Eleonora Marian, Dumitru Tița	Co-author	Kinetic study of decomposition of ibuprofen under isothermal conditions	Revista de Chimie– București 62(2), 2011, 216–221	FI=0.599/2011
15.	Bogdan Tița, Adriana Fuliaș , Geza Bandur, Ionuț Ledeti, Dumitru Tița	Co-author	Application of thermal analysis to study the compatibility of sodium diclofenac with different pharmaceutical excipients	Revista de Chimie– București 2011, 62(4), 443–454	FI=0.599/2011
16.	Bogdan Tița, Adriana Fuliaș , Zoltan Szabadai, Gerlinde Rusu, Geza Bandur, Dumitru Tița	Co-author	Compatibility study between ibuprofen and excipients in their physical mixtures	Journal of Thermal Analysis and Calorimetry 2011, 105 (8), 517-527	FI=1.604/2011
17.	Dumitru Tița,	Co-author	Thermal stability of ketoprofen—active substance and	Journal of Thermal Analysis	FI=1.604/20

	Adriana Fuliș, Bogdan Tița		tablets. Part 1: Kinetic study of the active substance under non-isothermal conditions	and Calorimetry 2011, 105 (8), 501-508	11
18.	Bogdan Tița, Adriana Fuliș* , Geza Bandur, Eleonora Marian, Dumitru Tița	Corresponding author	Compatibility study between ketoprofen and pharmaceutical excipients used in solid dosage forms	Journal of Pharmaceutical and Biomedical Analysis 2011, 56 (9), 221–227	FI=2.967/2011
19.	Adriana Fuliș, Bogdan Tița, Dumitru Tița, Titus Vlase	First author	Thermal decomposition kinetics of cefadroxil	Revue Roumaine de Chimie, 2011, 56(10-11), 967-973	FI=0.418/2011
20.	Adriana Fuliș, Alina Bobric, Gabriela Vlase, Titus Vlase, Nicolae Doca	First author	Thermal stability and biological interactions of some cephalosporins	Revue Roumaine de Chimie, 2011, 56(10-11), 959-966.	FI=0.418/2011
21.	Eleonora Marian, Bogdan Tita, Laura Vicas, Adriana Fuliș, Tunde Jurca, Dumitru Tita	Co-author	Thermal Behaviour of Active Substance Versus Pharmaceutical Compounds from Erythromycin	Revista de Chimie– București 2012, 63(10), 996–1000	FI=0.599/2012
22.	Eleonora Marian, Bogdan Tița, Tunde Jurca, Adriana Fuliș* , Laura Vicas, Dumitru Tița	Corresponding author	Thermal behaviour of erythromycin – active substance and tablets. Part 1. Kinetic study of the active substance under non-isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2013, 111 (2), 1025-1031	FI=2.206/2013
23.	Dumitru Tița, Adriana Fuliș* , Bogdan Tița	Corresponding author	Thermal stability of ketoprofen. Part. 2 Kinetic study of the active substance under isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2013, 111 (3), 1979-1985.	FI=2.206/2013
24.	Ionuț Ledeti, Adriana Fuliș* , Gabriela Vlase, Titus Vlase, Nicolae Doca	Corresponding author	Novel Triazolic Copper (II) Complex: Synthesis, Thermal Behaviour And Kinetic Study	Revue Roumaine de Chimie, 2013, 58(4-5), 441-450.	FI= 0.393 / 2013
25.	Dumitru Tita, Tunde Jurca, Adriana Fuliș, Eleonora Marian, Bogdan Tita	Co-author	Compatibility study of the acetylsalicylic acid with different solid dosage forms excipients	Journal of Thermal Analysis and Calorimetry, 2013, 112(1), 407-419.	FI=2.206/2013
26.	Bogdan Tita, Eleonora Marian, Adriana Fuliș, Tunde Jurca, Dumitru Tita	Co-author	Thermal stability of piroxicam: Part 2. Kinetic study of the active substance under isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2013, 112 (1), 367-374.	FI=2.206/2013
27.	Adriana Fuliș, Gabriela Vlase, Titus Vlase, Codruța Soica, Alina Heghes, Marius Craina, Ionuț Ledeti	First author	Comparative kinetic analysis on thermal degradation of some cephalosporins using TG and DSC data	Chemistry Central Journal, 2013, 7:70 (17 April 2013)	FI=1.663/2013
28.	Adriana Fuliș, Ionuț Ledeti, Gabriela Vlase, Titus Vlase	First author	Physico-chemical solid-state characterization of pharmaceutical pyrazolones: An unexpected thermal behaviour	Journal of Pharmaceutical and Biomedical Analysis, 81–82, 2013, 44–49	FI=2.829/2013
29.	Adriana Fuliș, Gabriela Vlase, Carmen Grigorie, Ionuț Ledeti, Paul Albu, Mihai Bilanin, Titus Vlase	First author	Thermal behaviour studies of procaine and benzocaine: Part 1. Kinetic analysis of the active substances under non-isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2013, 113 (1), 265-271.	FI=2.206/2013
30.	Adriana Fuliș, Ionuț Ledeti, Gabriela Vlase, Calin Popoiu, Alina Heghes, Mihai Bilanin, Titus Vlase, Dorina Gheorgheos, Marius Craina, Simona Ardelean, Dumitru Ferechide, Otilia Mărginean, Liana Moș	First author	Thermal behaviour of procaine and benzocaine Part II: compatibility study with some pharmaceutical excipients used in solid dosage forms	Chemistry Central Journal, 2013, 7:140.	FI=1.663/2013
31.	Mariana Anghel, Gabriela Vlase, Mihai Bilanin, Titus Vlase, Paul Albu, Adriana Fuliș, Iolanda Tolan, Nicolae Doca.	Co-author	Comparative study on the thermal behavior of two similar triterpenes from birch	Journal of Thermal Analysis and Calorimetry, 2013, 113(3), 1379-1385.	FI=2.206/2013
32.	Ionuț Ledeti, Georgeta Simu, Gabriela Vlase, Germaine Savoiu, Titus Vlase, Lenuta-Maria Suta, Calin Popoiu, Adriana Fuliș	Last author	Synthesis and Solid-State Characterization of Zn(II) Metal Complex with Acetaminophen	Revista de Chimie –Bucharest, 2013; 64(10):1127-1130.	FI=0.677/2013
33.	Lenuta-Maria Suta, Lavinia	Co-author	Evaluation study of the inclusion complexes of some	Revista de Chimie –Bucharest,	FI=0.677/20

	Vlaia, Adriana Fulias , Ionut Ledeti, Daniel Hadaruga, Constantin Mircioiu		oxicams with 2-hydroxypropyl- β -cyclodextrin	2013; 64(11):1279-1283.	13
34.	Ionut Ledeti, Adriana Fulias* , Gabriela Vlase, Titus Vlase, Vasile Bercean, Nicolae Doca	Corresponding author	Thermal behaviour and kinetic study of some triazoles as potential anti-inflammatory agents	Journal of Thermal Analysis and Calorimetry, 2013, 114(3), 1295-1305.	FI=2.206/2013
35.	Gheorghe Noditj, Adriana Fulias* , Ionut Ledeti	Corresponding author	Methotrexate as coordination complex ligand: Study of interaction with Zn(II)	Digest Journal of Nanomaterials and Biostructures, 2014,9(1):251-60	FI=0.945 / 2014
36.	Adriana Fulias , Calin Popoiu, Gabriela Vlase, Titus Vlase, Daniela Onetiu, Germaine Savoiu, Georgeta Simu, Cristina Patruescu, Gheorghe Ilia, Ionut Ledeti	First author	Thermoanalytical And Spectroscopic Study On Methotrexate – Active Substance And Tablet	Digest Journal of Nanomaterials and Biostructures; 01/2014; 9(1):93-98.	FI=0.945 / 2014
37.	Gheorghe Noditj, Ionut Ledeti*, Georgeta Simu, Lenuta-MariaSuta, Daniela Onetiu, Adriana Fulias	Last author	Microwave – Assisted synthesis of local anaesthetic procaine from benzocaine	Revista de Chimie –Bucharest, 2014, 65(1), 65-67	FI= 0.81 / 2014
38.	Lucretia Udrescu, Laura Sbarcea, Adriana Fulias , Ionut Ledeti, Gabriela Vlase, Paul Barvinschi, Ludovic Kurunczi	Co-author	Physicochemical analysis and molecular modeling of the fosinopril β -cyclodextrin inclusion complex	Journal of Spectroscopy. 2014 (748468):1-14.	FI= 0.538/ 2014
39.	Ionut Ledeti, Georgeta Simu, Gabriela Vlase, Titus Vlase, Tudor Olariu, Germaine Savoiu, Lenuta-MariaSuta, Calin Popoiu, Adriana Fulias	Last author	Ni(II) Coordination Compound with Acetaminophen. Synthesis and Characterization	Revista de Chimie –Bucharest, 2014; 65(5): 556-559.	FI= 0.81 / 2014
40.	Georgeta Simu, Ionut Ledeti, Simona Muntean, Adriana Fulias , Ioana Citu, Codruta Soica, Doina Onisei, Germaine Savoiu-Balint, Iulia Pinzaru, Daniela Ionescu	Co-author	Study of the interaction of some pharmaceutical compounds with different cellulosic supports	Revista de Chimie –Bucharest, 2014; 65(6): 664-670.	FI= 0.81 / 2014
41.	Tudor Olariu, Lenuta-MariaSuta, Calin Popoiu, Ionut Ledeti*, Georgeta Simu, Germaine Savoiu, Adriana Fulias	Last author	Alternative Synthesis of Paracetamol and Aspirin Under Non-conventional Conditions	Revista de Chimie –Bucharest, 2014; 65(6): 633-635.	FI= 0.81 / 2014
42.	Ionut Ledeti, Titus Vlase, Gabriela Vlase, Lenuta-MariaSuta, Adriana Fulias , Ionela Belu	Co-author	Synthesis and Solid – state Characterization of a Cobalt(II) Triazolic Complex	Revista de Chimie –Bucharest, 2014; 65(8): 897-902.	FI= 0.81 / 2014
43.	Gheorghe Pupca, Viorel Bucuras, Gabriela Vlase, Titus Vlase, Adriana Fulias* , Ionut Ledeti	Corresponding author	Solid-state analysis of some urinary calculi	Revista de Chimie –Bucharest 2014; 65(9):1058-1062.	FI= 0.81 / 2014
44.	Maria Ilici, Vasile Bercean, Monica Venter, Ionut Ledeti, Tudor Olariu, Lenuta-MariaSuta, Adriana Fulias	Last author	Investigations on the Thermal-Induced Degradation of Transitional Coordination Complexes Containing (3H-2-thioxo-1,3,4-thiadiazol-5-yl)thioacetate Moiety	Revista de Chimie –Bucharest, 2014; 65(10):1142-1145.	FI= 0.81 / 2014
45.	Codruta Soica, Adriana Fulias* , Gabriela Vlase, Cristina Dehelean, Titus Vlase, Ionut Ledeti.	Corresponding author	Synthesis and Thermal Behaviour of New Ambazone Complexes with some Transitional Metals	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 1305-1311.	FI= 2.042 / 2014
46.	Ionut Ledeti, Gabriela Vlase, Titus Vlase, Nicolae Doca, Vasile Bercean, Adriana Fulias	Last author	Thermal decomposition, kinetic study and evolved gas analysis of 1,3,5-triazine-2,4,6-triamine	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 1057-1063	FI= 2.042 / 2014
47.	Adriana Fulias , Gabriela	First author	Thermal degradation of B-group vitamins: B1, B2 and B6.	Journal of Thermal Analysis	FI= 2.042 /

	Vlase, Titus Vlase, Daniela Onetiu, Nicolae Doca, Ionut Ledeti		Kinetic study	and Calorimetry, 2014, 118 (2), 1033-1038.	2014
48.	Adriana Fulias , Gabriela Vlase, Codruta Soica, Vasile Bercean, Titus Vlase, Ionut Ledeti	First author	Thermal behaviour of a modified encapsulation agent. Heptakis-6-iodo-6-deoxy-beta-cyclodextrin	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 961-966.	FI= 2.042 / 2014
49.	Adriana Fulias , Codruta Soica, Ionut Ledeti, Titus Vlase, Gabriela Vlase, Lenuta-Maria Suta, Ionela Belu	First author	Characterization of pharmaceutical acetylsalicylic acid – theophylline cocrystal obtained by slurry method under microwave irradiation	Revista de Chimie –Bucharest, 2014; 65(11):1281-1284.	FI= 0.81 / 2014
50.	Ionut Ledeti; Anda Alexa; Vasile Bercean; Gabriela Vlase; Titus Vlase; Lenuta-Maria Suta; Adriana Fulias	Last author	Synthesis and Degradation of Schiff Bases Containing Heterocyclic Pharmacophore	International Journal Of Molecular Sciences, 2015, 16 (1): 1711-1727.	FI= 3.257/ 2015
51.	Lucretia Udrescu, Adriana Fulias , Ionut Ledeti, Gabriela Vlase, Paul Barvinschi, Ludovic Kurunczi, Laura Sbârcea	Co-author	Host-guest system of zofenopril and randomly methylated beta-cyclodextrin: preparation, characterization and solubility	Revista de Chimie –Bucharest, 2015; 66(1): 17-20.	FI= 0.956/ 2015
52.	Ionut Ledeti, Vasile Bercean, Anda Alexa, Codruta Soica, Lenuta-Maria Suta, Cristina Dehelean, Cristina Trandafirescu, Delia Muntean, Monica Licker, Adriana Fulias	Last author	Preparation and Antibacterial Properties of Substituted 1,2,4-Triazoles	Journal of Chemistry, 2015, Article ID 879343, 5 pages http://dx.doi.org/10.1155/2015/879343	FI= 0.996 / 2015
53.	Lucretia Udrescu, Laura Sbârcea, Adriana Fulias , Ionut Ledeti, Titus Vlase, Paul Barvinschi, Ludovic Kurunczi	Co-author	Physicochemical characterization of zofenopril inclusion complex with hydroxypropyl-β-cyclodextrin	Journal of the Serbian Chemical Society, 2015; 80 (4): 485-497	FI= 0.97/ 2015
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77.	Lenuța-Maria Șuta, Petru Matusz, Adriana Ledeti* , Codruț Ivan, Marius Murariu, Mircea-Constantin Sora, Ionut Ledeti	Corresponding author	Embedding of Biliary Calculi in Plastic Materials. A viable solution for increasing their mechanical resistance during sampling	Materiale plastice, 2016; 53 (1):19-22	FI= 0.778/ 2016
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98.	Adriana Ledeti , Tudor Olariu, Angelica Caunii, Gabriela Vlase, Denisa Circioban, Bianca Baul, Ionut Ledeti*, Titus Vlase, Marius Murariu	First author	Evaluation of thermal stability and kinetic of degradation for levodopa in non-isothermal conditions	Journal of Thermal Analysis and Calorimetry, 2018, 131(2); 1881-1888; DOI: 10.1007/s10973-017-6671-z	FI= 2.209 / 2017
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100.	Denisa Circioban, Ionut Ledeti, Gabriela Vlase, Adriana Ledeti* , Carmen Axente, Titus Vlase, Cristina Dehelean	Corresponding author	Kinetics of heterogeneous-induced degradation for artesunate and artemether	Journal of Thermal Analysis and Calorimetry, 2018, 134(1); 749-756; DOI: 10.1007/s10973-018-7257-0	FI= 2.209 / 2017
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108.	Ionuț Ledeti, Cosmina Bengescu, Denisa Cîrcioban, Gabriela Vlase, Titus Vlase, Carmen Tomoroga, Valentina Buda, Adriana Ledeti* , Anca Dragomirescu, Marius Murariu	Corresponding author	Solid-state stability and kinetic study of three glucocorticoid hormones: prednisolone, prednisone and cortisone	Journal of Thermal Analysis and Calorimetry, 2020, DOI: 10.1007/s10973-020-09534-w	2.471
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113.	Laura Sbarcea, Ionuț-Mihai Tănase, Adriana Ledeti* , Denisa Cîrcioban, Gabriela Vlase, Paul Barvinschi, Marinela Miclău, Renata-Maria Varut, Cristina Trandafirescu, Ionuț Ledeti	Corresponding	Encapsulation of Risperidone by Methylated beta-Cyclodextrins: Physicochemical and Molecular Modeling Studies	Molecules, 2020, 25(23), art.no. 5694; DOI: 10.3390/molecules25235694	4.412
114.	Laura Sbârcea, Ionuț-Mihai Tănase, Adriana Ledeti* , Denisa Cîrcioban, Gabriela Vlase, Paul Barvinschi, Marinela Miclău, Renata-Maria Văruț, Oana Suciu, Ionuț Ledeti	Corresponding	Risperidone/Randomly Methylated β -Cyclodextrin Inclusion Complex—Compatibility Study with Pharmaceutical Excipients	Molecules, 2021, 26(6), 1690; https://doi.org/10.3390/molecules26061690	4.927
115.	Amalia Ridichie, Adriana Ledeti* , Francisc Peter*, Ionuț Ledeti, Cornelia Muntean, Matilda Rădulescu	Corresponding	Kinetic Investigation of the Oxidative Thermal Decomposition of Levonorgestrel	Processes, 2023, 11(11); DOI10.3390/pr11113210	2.8/2023
116.	Bianca Baul, Adriana Ledeti* , Denisa Cîrcioban, Amalia Ridichie, Titus Vlase, Gabriela Vlase, Francisc Peter*, Ionuț Ledeti	Corresponding	Thermal Stability and Kinetics of Degradation of Moxonidine as Pure Ingredient vs. Pharmaceutical Formulation	Processes, 2023, 11(6), 1738; DOI10.3390/pr11061738	2.8/2023
117.	Denisa Cîrcioban, Ionuț Ledeti, Titus	Corresponding	Stability evaluation and kinetic study for the atypical antidepressant opipramol	Journal of Thermal Analysis and Calorimetry,	3.0/2023

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120.	Amalia Ridichie, Adriana Ledeti , Laura Sbarcea*, Gerlinde Rusu, Cornelia Muntean, Denisa Circioban, Francisc Peter, Ionut Ledeti	Co-author	Preformulation studies of levonorgestrel	Journal of Thermal Analysis and Calorimetry, 2024; DOI: 10.1007/s10973-024- 13149-w	3.0/2023
121.	Denisa Circioban, Adriana Ledeti* , Amalia Ridichie, Titus Vlase, Ionut Ledeti, Ionela-Amalia Bradu, Alexandru Pahomi, Laura Sbârcea, Gabriela Vlase	Corresponding	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	3.0/2023
122.	Lenuta-Maria Suta, Amalia Ridichie*, Adriana Ledeti , Claudia Temereanca*, Ionut Ledeti, Delia Muntean, Matilda Rădulescu, Renata- Maria Văruț, Claudia Watz, Florentin Craineanu, Denisa Ivan, Gabriela Vlase, Lavinia Stelea	Co-author	Host-Guest Complexation of Itraconazole with Cyclodextrins for Bioavailability Enhancement	Pharmaceutics, 2024; 9;16(4):560; DOI: 10.3390/pharmaceutics1 6040560	4.9/2023
123.	Minodora Andor, Claudia Temereanca, Laura Sbârcea, Adriana Ledeti* , Dana Emilia Man, Cristian Mornos, Amalia Ridichie, Denisa Circioban, Gabriela Vlase, Paul Barvinschi, Angela Caunii, Renata-Maria Văruț, Cristina Maria Trandafirescu, Ionut Ledeti, Valentina Buda, Matilda	Corresponding	Host-Guest Interaction Study of Olmesartan Medoxomil with β -Cyclodextrin Derivatives	Molecules, 2024; 29(10):2209; DOI: 10.3390/molecules29102 209	4.2/2023

	Rădulescu				
124.	Andreea-Anda Alexa, Vasile-Nicolae Bercean, Sabina Elena Boncea, Adriana Ledeti* , Valentin Badea, Amalia Ridichie, Marilena Motoc, Ionuț Ledeti	Corresponding	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
125.	Amalia Ridichie, Cosmina Bengescu, Adriana Ledeti* , Gerlinde Rusu, Răzvan Bertici, Titus Vlase, Gabriela Vlase, Francisc Peter, Ionuț Ledeti, Matilda Rădulescu	Corresponding	Thermal stability, preformulation, and kinetic degradation studies for gestrinone	Journal of Thermal Analysis and Calorimetry, 2024; DOI: 10.1007/s10973-024-13520-x	3.0/2023
126.	Adriana Ledeti; Bianca Baul; Amalia Ridichie; Denisa Ivan; Titus Vlase; Carmen Tomoroga; Anca Dragomirescu; Gabriela Vlase; Razvan Adrian Bertici; Dana Emilia Man	First author	Thermooxidation of Four Sartans: Kinetic Analysis Based on Thermo-Gravimetric Data	MOLECULES, 2024, 29 (23), DOI10.3390/molecules29235527, Article Number 5527	4.2/2023
127.	Dana Emilia Man; Ema-Teodora Nitu; Claudia Temereanca; Laura Sbârcea; Adriana Ledeti; Denisa Ivan; Amalia Ridichie; Minodora Andor; Alex-Robert Jijie; Paul Barvinschi; Gerlinde Rusu; Renata-Maria Varut; Ionut Ledeti	Co-author	Host-Guest Complexation of Olmesartan Medoxomil by Heptakis(2,6-di-O-methyl)- β -cyclodextrin: Compatibility Study with Excipients	PHARMACEUTICS Volume16Issue12 DOI10.3390/pharmaceutics16121557, Article Number 1557 Published DEC 2024	4.9/2023
128.	Iasmina Marcovici; Raul Chioibas; Istvan Zupko; Iulia Pinzaru; Alina Moaca; Adriana Ledeti; Lucian Barbu-Tudoran; Andreea Geamantan; Iasmina Predescu; Cristina Dehelean	Co-author	Preclinical pharmaco-toxicological screening of biomimetic melanin-like nanoparticles as a potential therapeutic strategy for cutaneous melanoma	FRONTIERS IN PHARMACOLOGY, 2025, 16, Article Number 1487854, DOI10.3389/fphar.2025.1487854	4.4/2023
129.	Ionut Ledeti; Claudia Temereanca; Amalia Ridichie; Adriana Ledeti; Denisa Laura Ivan; Gabriela Vlase; Titus Vlase; Carmen Tomoroga; Laura Sbarcea; Oana Suci	Corresponding	Oxidative Thermolysis of Sulfobutyl-Ether-Beta-Cyclodextrin Sodium Salt: A Kinetic Study	APPLIED SCIENCES-BASEL, 2025, 15(1), DOI10.3390/app15010441, Article Number 441	2.5/2023

D. CITATIONS AND h-INDEX

- h-index Google Scholar: 24; i10-index: 74; Citations from Google Scholar: 2123
- h-index Web of Science: 24; Citations from Web of Science: 1985
- h-index Scopus: 24; Citations from Scopus: 1994

E. RESEARCH PROJECTS

- 1) **Project director**, „Tineri Doctoranzi” – TD – competiția septembrie 2007, Stabilitatea termică a unor substanțe cu acțiune farmaceutică și a formelor galenice corespunzătoare, 18 months, 31500 lei
- 2) **Project director**, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Contract de Grant Nr. 15250 / 19.12.2012, 5000 euro, 2012, Studiul termic și cinetic al unor substanțe cu potențial bio-farmaceutic din clasa triazolilor și triterpenelor (grant intern UMFVBT, 12 months)
- 3) Member, Contract RO-FR 789/30.06.2014 Director Grant: Prof. Dr. Diana Antal “Nanostructuri cu aurone, chalcone și extracte vegetale standardizate: dezvoltarea unui nou prototip de agent chemopreventiv și antiinflamator”, proiect bilateral internațional România-Franța, în colaborare cu Laboratorul de Farmacognozie al Facultății de Farmacie a Universității din Marseille, 2014, 12 months
- 4) **Project director**, Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara, Programul Parteneriate în cercetarea fundamentală inovativă UMFT, III-C1-PCFI-2014/2015, Proiect SYNTANTITUM, „Sinteza unor compuși cu potențială activitate antitumorală prin reacții de derivatizare și caracterizarea acestora prin tehnici hifenate. Evaluarea activității antiangiogenice, antineoplazice și antiinflamatoare”, Proiect director: Assoc. prof. FULIAȘ ADIANA-VIOLETA, PhD., 30.000 euro, 2014-2015: 6 papers
- 5) **Project responsible** COMPETIȚIA INTERNĂ A UMF “VICTOR BABEȘ” DIN TIMIȘOARA, Programul Parteneriate în cercetarea fundamentală inovativă UMFT, PIII-C3-PCFI-2016/2017-02, „Cercetări fundamentale interdisciplinare privind monitorizarea, evaluarea și corelarea proceselor litogenice cu aspectele etiopatogenice prin screening instrumental inovativ (STONES)”, budget 135.000 RON, 8 papers
- 6) **Project director**, Tinere Echipe- PNII-RU-TE-2014-4-0515 “Neurodegenerarea și bolile cerebrale: O nouă abordare instrumentală de analiză și dezvoltare a unor forme farmaceutice”, Budget : 495.000 lei, 9 papers
- 7) **Project researcher** Tinere Echipe - Programul PN-III-P1-1.1-TE-2016-1165, Contract nr. TE125/10.10.2018 „Tehnici instrumentale hifenate și complementare de analiză, control și recuperare a compușilor bioactivi utilizați în terapii hormonale”, 2018-2020 (24 months), Budget: 450.000 RON; 2 papers
- 8) Member, Grant CNCISIS – tip A, cod 583, Matrici hibride organice – anorganice și nanocompozite modificate chimic, cu proprietăți magnetice speciale, obținute prin metoda sol – gel și sonosinteza, Director (responsabil) de proiect - Dr. ing. Cecilia Savii, Contract 40223 / 2003 ; Act Adițional 32826 / 21.06.2004 ; Act Adițional 34684 / 2005 valoare: 10.000 RON (2005), 110.000 mii lei (2004) (ROL), 59.000 mii lei (2003) (ROL), Valoare totală: 26.900 lei (RON) Durata 3 ani
- 9) Member, Grant CNCISIS – tip A, cod 1450 Optimizarea proprietăților de emisie ale unor luminofori wilemitici nanostructurați activați cu Mn (II) derivați din sol-gel prin utilizarea unor surse alternative de energie, campul ultrasonor, Director de proiect: Enache Corina, contract de finanțare nr. 71/2006, act adițional 223/18.09.2006, act adițional 66/09.05.2007 valoare: 21.000 RON/2006, 25.000 RON/2007, durata 2 ani.

Timișoara,
April, 02, 2025

Professor Adriana-Violeta Ledeți, PhD