

Personal information



 Eftimie Murgu Square no.2, Timișoara, România

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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, Director of the research center: Advanced instrumental Screening Center/ acronym AISC

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. Fuliș

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)
- Graduation Diploma (Seria F Nr. 0060252)

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

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.europa.europa.eu/education/languages/framework/index_en.htm)

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 , 25, 2026

Professor Adriana-Violeta Ledeti, 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 Monografii 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 Monografii 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
11. QUALITATIVE ANALYTICAL CHEMISTRY – A LABORATORY TEXTBOOK
Adriana-Violeta Ledeti, Denisa-Laura Cîrcioban, Amalia-Ioana Ridichie, Carmen Tomoroga, Ionuț-Valentin Ledeti
Editura Mirton, Timișoara, 2023, 230 pagini, ISBN 978-606-786-329-1

C. ISI Papers

No	Authors		Title	Journal	Impact factor
1.	Adriana Fuliaș , Eugenia Fagadar-Cosma, Dana Viasici, 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-tetranhenylporphyrine 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 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, Adriana Fuliaș , Bogdan Tița	Co-author	Thermal stability of ketoprofen—active substance and tablets. Part 1: Kinetic study of the active substance under non-isothermal conditions	Journal of Thermal Analysis and Calorimetry 2011, 105 (8), 501-508	FI=1.604/2011
18.	Bogdan Tița, Adriana Fuliaș *, 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 Fuliaș , 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 Fuliaș , Alina Bobric,	First author	Thermal stability and biological interactions of some	Revue Roumaine de Chimie,	FI=0.418/2011

	Gabriela Vlase, Titus Vlase, Nicolae Doca		cephalosporins	2011, 56(10-11), 959-966.	11
21.	Eleonora Marian, Bogdan Tita, Laura Vicas, Adriana Fulias , 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 Tita, Tunde Jurca, Adriana Fulias* , Laura Vicas, Dumitru Tita	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 Tita, Adriana Fulias* , Bogdan Tita	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 Fulias* , Gabriela 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 Fulias , 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 Fulias , 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 Fulias , 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 Fulias , 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 Fulias , 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 Fulias , 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 Fulias , 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.	Ionut Ledeti, Georgeta Simu, Gabriela Vlase, Germaine Savoiu, Titus Vlase, Lenuta-Maria Suta, Calin Popoiu, Adriana Fulias	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 Vlaia, Adriana Fulias , Ionut Ledeti, Daniel Hadaruga, Constantin Mircioiu	Co-author	Evaluation study of the inclusion complexes of some oxycams with 2-hydroxypropyl-β-cyclodextrin	Revista de Chimie –Bucharest, 2013; 64(11):1279-1283.	FI=0.677/2013
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-Maria Suta, 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 Vase, 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 Vase, Titus Vase, Tudor Olariu, Germaine Savoie, Lenuta-Maria Suta, 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 Savoie- 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-Maria Suta, Calin Popoiu, Ionut Ledeti*, Georgeta Simu, Germaine Savoie, 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 Vase, Gabriela Vase, Lenuta-Maria Suta, 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 Vase, Titus Vase, 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-Maria Suta, 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 Vase, Cristina Dehelean, Titus Vase, 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 Vase, Titus Vase, 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 Vase, Titus Vase, Daniela Onetiu, Nicolae Doca, Ionut Ledeti	First author	Thermal degradation of B-group vitamins: B1, B2 and B6. Kinetic study	Journal of Thermal Analysis and Calorimetry, 2014, 118 (2), 1033-1038.	FI= 2.042 / 2014
48.	Adriana Fulias , Gabriela Vase, Codruta Soica, Vasile Bercean, Titus Vase, 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 Vase, Gabriela Vase, 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 Vase; Titus Vase; 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 Vase, 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 Sbarcea, Adriana Fulias , Ionut Ledeti, Titus Vase, 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
54.	Ivan Codrut, Ionut Ledeti *, Gabriela Vase, Titus Vase,	Co-author	Study of Solid-State Behaviour of Some Human Gallstones	Revista de Chimie –Bucharest, 2015; 66(2): 265-270	FI= 0.956 / 2015

Adriana Fulias , Sorin Olariu					
55.	Ionuț Ledeti, Gabriela Vlas, Ionel Ciucanu, Tudor Olariu, Adriana Fulias* , Lenuța-Maria Șuta, Ionela Belu	Corresponding author	Analysis of solid binary systems containing simvastatin	Revista de Chimie –Bucharest 2015; 66(2): 240-243	FI= 0.956/ 2015
56.	Laura Sbârcea, Ionuț Ledeti, Liana Drăgan, Ludovic Kurunczi, Adriana Fulias* , Lucreția Udrescu	Corresponding author	Fosinopril sodium–hydroxypropyl-β-cyclodextrin inclusion complex. Thermal decomposition kinetics and compatibility studies	Journal of Thermal Analysis and Calorimetry 04/2015; 120(1): 981-990.	FI= 1.781 / 2015
57.	Alina Hegheș, Nicoleta Hădărugă, Adriana Fulias , Geza Bandur, Dan Hădărugă, Cristina Dehelean	Co-author	Capsicum annum extracts/β-cyclodextrin complexes. Thermal analyses—Karl Fischer water titration correlations and antioxidant activity	Journal of Thermal Analysis and Calorimetry, 2015, 120(1): 603-615	FI= 1.781 / 2015
58.	Lenuta-Maria Suta, Ionut Ledeti, Liana Suci, Daniel Hadaruga, Adriana Fulias , Ionela Belu	Co-author	Study Regarding the Behaviour of Encapsulated Piroxicam in Liquid Media	Revista de Chimie –Bucharest- 2015; 66(5):718-721.	FI= 0.956/ 2015
59.	Ionut Ledeti, Gabriela Vlas, Titus Vlas, Ionel Ciucanu, Tudor Olariu, Anamaria Todea, Adriana Fulias , Lenuța-Maria Suta	Co-author	Instrumental Analysis of Potential Lovastatin – excipient Interactions in Preformulation Studies	Revista de Chimie –Bucharest- 2015; 66(6):879-882.	FI= 0.956/ 2015
60.	Adriana Fulias , Gabriela Vlas, Anamaria Todea, Titus Vlas, Ionut Ledeti	First author	Thermal Characterization of Polymeric Coatings for Pharmaceutical Dosage Forms	Macromolecular Symposia 06/2015; 352(1):59-65. DOI:10.1002/masy.201400154	FI= 0.913/2005
61.	Amina Ramona Popovici, Gabriela Vlas, Titus Vlas, Lenuța-Maria Suta, Călin Popoiu, Ionut Ledeti, Gheorghe Iovănescu, Adriana Fulias	Last author	Local anesthetic agents. Part III. Study of solid dosage forms with pharmaceutical excipients	Revista de Chimie –Bucharest- 2015; 65(7): 1046-1051	FI= 0.956/ 2015
62.	Codrut Ivan, Lenuța-Maria Suta, Tudor Olariu, Ionut Ledeti, Gabriela Vlas, Titus Vlas, Sorin Olariu, Petru Matusz, Adriana Fulias	Last author	Preliminary kinetic study for heterogenous degradation of cholesterol – containing human biliary stones	Revista de Chimie –Bucharest, 2015; 66(8): 1253-1255.	FI= 0.956/ 2015
63.	Ionut Ledeti, Gabriela Vlas, Titus Vlas, Adriana Fulias	Last author	Kinetic analysis of solid-state degradation of pure pravastatin versus pharmaceutical formulation	Journal of Thermal Analysis and Calorimetry 2015; 121(3): 1103-1110.	FI= 1.781 / 2015
64.	Ionut Ledeti, Gabriela Vlas, Titus Vlas, Lenuța Maria Suta, Anamaria Todea, Adriana Fulias	Last author	Selection of solid-state excipients for simvastatin dosage forms through thermal and nonthermal techniques	Journal of Thermal Analysis and Calorimetry 2015; 121(3): 1093-1102	FI= 1.781 / 2015
65.	Adriana Fulias , Gabriela Vlas, Ionuț Ledeti, Lenuța-Maria Șuta	First author	Ketoprofen-Cysteine Equimolar Salt. Synthesis, Thermal Analysis, PXRD and FTIR Spectroscopy Investigation	Journal of Thermal Analysis and Calorimetry, 2015, 121(3): 1087-1091	FI= 1.781 / 2015
66.	Adriana Fulias , Gabriela Vlas, Titus Vlas, Lenuța-Maria Șuta, Codruța Șoica, Ionuț Ledeti	First author	Screening and characterization of cocrystal formation between carbamazepine and succinic acid	Journal of Thermal Analysis and Calorimetry, 2015, 121(3): 1081-1086	FI= 1.781 / 2015
67.	Ionuț Ledeti, Gabriela Vlas, Titus Vlas, Vasile Bercean, Adriana Fulias	Last author	Kinetic of solid state degradation of transitional coordinative compounds containing functionalized 1,2,4 –triazolic ligand	Journal of Thermal Analysis and Calorimetry, 2015, 121(3): 1049-1057	FI= 1.781 / 2015
68.	Ionuț Ledeti, Ștefana Avram, Vasile Bercean, Gabriela Vlas, Titus Vlas, Adriana Ledeti , Istvan Zupko, Marius Mioc, Lenuța Maria Șuta, Codruța Șoica, Cristina Dehelean	Co-author	Solid-State Characterization and Biological Activity of Betulonic Acid Derivatives	Molecules, 2015, 20(12): 22691-22702	FI= 2.465/ 2015
69.	Rodica Narcisa Tanasescu, Adriana Fulias , Ionut Ledeti, Mariana Ioana Miron, Petru Matusz	Co-author	Evaluation of mineral composition in the area of the cortical osteoporotic bone: a Fourier Transform Infrared Spectroscopy (FTIR) and Scanning Electronic Microscopy (SEM) study	Revista de Chimie –Bucharest, 2015; 66(12): 2047-2050	FI= 0.956/ 2015
70.	Denisa Cîrcioaban, Cristina Dehelean, Lenuța-Maria Suta, Marius Murariu, Gabriela Vlas, Lucian Nita, Codruța Șoica, Adriana Fulias	Last author	Synthesis and physico-chemical characterization of theophylline-succinic acid binary adduct	Revista de Chimie –Bucharest, 2015; 66(12): 1982-1985	FI= 0.956/ 2015
71.	Lenuța-Maria Șuta, Gabriela Vlas, Titus Vlas, Tudor Olariu, Ionuț Ledeti*, Ionela Belu, Codrut Ivan, Cristian Andrei Sarau,	Last author	Solid state stability of cholesterol: preliminary kinetic analysis	Revista de Chimie –Bucharest- 2016; 67(1):113-115	FI= 1.232 / 2016

	Germaine Balint-Săvoiu, Lavinia Stelea, Adriana Ledeti				
72.	Lenuta-Maria Suta, Gabriela Vlas, Titus Vlas, Germaine Balint-Săvoiu, Tudor Olariu, Ionela Belu, Adriana Ledeti* , Marius-Sorin Murariu, Lavinia Stelea, Ionut Ledeti	Corresponding author	Thermal characterization of cholesterol in air vs. Nitrogen atmosphere	Revista de Chimie –Bucharest, 2016; 67(1):84-86	FI= 1.232 / 2016
73.	Codruta Soica, Dorina Coricovac, Cristina Dehelean, Iulia Pinzaru, Marius Mioc, Corina Danciu, Adriana Fulias , Maria Puiu, Cassian Sitaru.	Co-author	Nanocarriers as Tools in Delivering Active Compounds for Immune System Related Pathologies	Recent Patents on Nanotechnology, 2016, 10(2): 128-145. DOI: 10.2174/1872210510999160427113345	FI=0.912/ 2016
74.	Adriana Ledeti , Gabriela Vlas, Ionut Ledeti, Titus Vlas, Petru Matusz, Cristina Dehelean, Denisa Cîrcioaban, Lavinia Stelea, Lenuta-Maria Suta	First author	Thermal Stability of Desipramine and Imipramine	Revista de Chimie –Bucharest, 2016, 67(2): 336-338	FI= 1.232 / 2016
75.	Lenuta-Maria Suta, Gabriela Vlas, Adriana Ledeti* , Titus Vlas, Petru Matusz, Cristina Trandafirescu, Denisa Cîrcioaban, Sorin Olariu, Ivan Codrut, Marius Murariu, Lavinia Stelea, Ionut Ledeti	Corresponding author	Solid-State Thermal Behaviour of Cholic Acid	Revista de Chimie –Bucharest, 2016, 67(2): 329-331	FI= 1.232 / 2016
76.	Laura Sbârcea, Lucreța Udrescu, Ionut Ledeti, Zoltan Szabadai, Adriana Fulias* , Claudiu Sbârcea	Corresponding author	β -Cyclodextrin inclusion complexes of lisinopril and zofenopril. Physicochemical characterization and compatibility study of lisinopril- β -cyclodextrin with lactose.	Journal of Thermal Analysis and Calorimetry 2016, 123(3): 2377-2390; DOI:10.1007/s10973-015-5045-7	FI= 1.953 / 2016
77.	Lenuta-Maria Suta, Petru Matusz, Adriana Ledeti* , Codrut 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
78.	Marius Sorin Murariu, Sorin Olariu, Codrut Ivan, Ionut Ledeti*, Titus Vlas, Adriana Ledeti , Nicoleta Iacob, Gratian Miclaus, Petru Matusz, Gabriela Vlas	Co-author	Correlations Between Morphology and Instrumental Analysis of Human Gallstones – Preliminary Study	Revista de Chimie –Bucharest, 2016, 67(3): 575-579.	FI= 1.232 / 2016
79.	Ionut Ledeti, Gabriela Vlas, Titus Vlas, Marius Murariu, Cristina Trandafirescu, Lenuta Maria Suta, Cristina Dehelean, Adriana Ledeti* , Codruta Soica	Corresponding author	Non-isothermal Isoconversional Kinetic Study Regarding the Degradation of Albendazole	Revista de Chimie –Bucharest, 2016, 67(3): 549-552.	FI= 1.232 / 2016
80.	Cristina Trandafirescu, Codruta Soica, Adriana Ledeti , Florin Borcan*, Lenuta-Maria Suta, Marius Murariu, Cristina Dehelean, Daniela Ionescu, Ionut Ledeti	Co-author	Preformulation Studies for Albendazole A DSC and FTIR analysis of binary mixtures with excipients	Revista de Chimie –Bucharest, 2016, 67(3): 463-467.	FI= 1.232 / 2016
81.	Ionut Ledeti, Adriana Ledeti* , Gabriela Vlas, Titus Vlas, Petru Matusz, Vasile Bercean, Lenuta Maria Suta, Doina Piciu	Corresponding author	Thermal stability of synthetic thyroid hormone L-thyroxine and L-thyroxine sodium salt hydrate both pure and in pharmaceutical formulations	Journal of Pharmaceutical and Biomedical Analysis, 2016; 125: 33–40	FI= 3.255 / 2016
82.	Ionut Ledeti, Vasile Bercean, Gabriela Vlas, Titus Vlas, Adriana Ledeti* , Lenuta-Maria Suta	Corresponding author	Betulonic Acid – Study of Thermal Degradation by Kinetic Approach	Journal of Thermal Analysis and Calorimetry 2016; 125(2): 785-791, DOI: 10.1007/s10973-016-5299-8	FI= 1.953 / 2016
83.	Ionut Ledeti, Gabriela Vlas, Titus Vlas, Adriana Fulias* , Lenuta-Maria Suta	Corresponding author	Comparative Thermal Stability of Two Similar-Structure Hypolipidemic Agents – Simvastatin and Lovastatin. Kinetic Study	Journal of Thermal Analysis and Calorimetry 2016; 125(2): 769-775, DOI:10.1007/s10973-015-5071-5	FI= 1.953 / 2016
84.	Adriana Fulias , Ionut Ledeti*, Gabriela Vlas, Titus Vlas, Codruta Soica, Cristina Dehelean, Camelia Oprean,	First author	Thermal degradation, kinetic analysis, and apoptosis induction in human melanoma for oleanolic and ursolic acids	Journal of Thermal Analysis and Calorimetry 2016; 125(2): 759-768, Published: AUG 2016 DOI:10.1007/s10973-015-	FI= 1.953 / 2016

	Florina Bojin, Lenuta-Maria Suta, Vasile Bercean, Stefana Avram			5052-8	
85.	Gabriela Vlase, Dorin Jurcau, Adriana Ledeti , Iulia Ceban, Titus Vlase	Co-author	Thermal behavior of phthalic anhydride bases polyesters	Journal of Thermal Analysis and Calorimetry 2016; 126(1): 293-298	FI= 1.953 / 2016
86.	Adriana Ledeti , Gabriela Vlase, Titus Vlase, Vasile Bercean, Marius Sorin Murariu, Ionut Ledeti*, Lenuta-Maria Suta	First author	Solid-State Preformulation Studies Of Amiodarone Hydrochloride	Journal of Thermal Analysis and Calorimetry 2016; 126(1): 181-187 DOI: 10.1007/s10973-016-5256-6	FI= 1.953 / 2016
87.	Roxana Blajovan, Ionut Ledeti, Gabriela Vlase, Adriana Ledeti , Titus Vlase.	Co-author	Study of thermal induced excipient-excipient interactions	Journal of Thermal Analysis and Calorimetry, 2016, 126(1): 171-179.	FI= 1.953 / 2016
88.	Adriana Ledeti , Gabriela Vlase, Denisa Circioban, Ionut Ledeti, Cristina Dehelean, Lavinia Stelea, Titus Vlase, Angela Caunii	First author	Comparative stability of Levodopa under thermal stress in both oxidative and inert media	Revista de Chimie –Bucharest, Volume: 2016, 67, 12, 2648-2650	FI= 1.232 / 2016
89.	Ionut Ledeti, Adriana Ledeti* , Marius Murariu, Lenuta Maria Suta, Gabriela Vlase, Tudor Olariu, Titus Vlase, Nicolae Doca	Corresponding author	Investigation of thermal-induced decomposition of iodoform	Journal of Thermal Analysis and Calorimetry, 2017, 127, 1, 565-570. DOI 10.1007/s10973-016-5368-z	FI= 2.209 / 2017
90.	Valentina Buda, Minodora Andor, Adriana Ledeti* , Ionut Ledeti*, Gabriela Vlase, Titus Vlase, Carmen Cristescu, Mirela Voicu, Liana Suci, Mirela Tomescu	Corresponding author	Comparative Solid-State Stability of Perindopril Active Substance vs. Pharmaceutical Formulation	International Journal Of Molecular Sciences, 2017, 18, 164; doi:10.3390/ijms18010164	FI= 3.687/ 2017
91.	Rodica Narcisa Tanasescu, Razvan Bardan, Adriana Ledeti , Ionut Ledeti, Petru Matusz, Germaine Savoiu Balint, Sorin Bolintineanu	Co-author	Considerations on Thermal Behaviour and Porosity of Renal Calculi in Bisphosphonate-Treated Postmenopausal Women	Revista de Chimie –Bucharest, 2017, 68, 6, 1259-1263	FI= 1.412 / 2017
92.	Ionut Ledeti, Sorin Bolintineanu, Gabriela Vlase, Denisa Circioban, Adriana Ledeti * , Titus Vlase, Lenuta- Maria Suta, Angelica Caunii, Marius Murariu	Corresponding author	Compatibility study between antiparkinsonian drug Levodopa and excipients by FTIR spectroscopy, X-ray diffraction and thermal analysis	Journal of Thermal Analysis and Calorimetry, 2017, 130(1): 433-441. DOI: 10.1007/s10973-017-6393-2	FI= 2.209 / 2017
93.	Ionut Ledeti, Sorin Bolintineanu, Gabriela Vlase, Denisa Circioban, Cristina Dehelean, Lenuta- Maria Suta, Angelica Caunii, Adriana Ledeti* , Titus Vlase, Marius Murariu	Corresponding author	Evaluation of solid-state thermal stability of donepezil in binary mixtures with excipients using instrumental techniques	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2017, 130(1): 425-431. DOI: 10.1007/s10973-017-6250-3	2.209/2017
94.	Adriana Ledeti , Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, Ionut Ledeti, Lenuta-Maria Suta	First author	Binary adduct formation of desipramine with dicarboxylic acids: an instrumental study	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 131, 1, 166-173, DOI 10.1007/s10973-016-5967-8	2.471/2018
95.	Adriana Ledeti , Gabriela Vlase, Titus Vlase, Denisa Circioban, Cristina Dehelean, Ionut Ledeti	First author	Kinetic study for solid-state degradation of mental disorder therapeutic agents: Amitriptyline, desipramine and imipramine	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 131, 1, 155-165	2.471/2018
96.	Ionut Ledeti, Mihaela Budiul, Petru Matusz, Gabriela Vlase, Denisa Circioban, Cristina Dehelean, Lenuta-Maria Suta, Angelica Caunii, Adriana Ledeti , Titus Vlase, Marius Murariu, Sorin Bolintineanu	Corresponding author	Preformulation studies for nortriptyline: Solid-state compatibility with pharmaceutical excipients(Article)	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY 2018, 131, 1, 191-199	2.471/2018
97.	Gabriela Vlase, Mihaela Budiul, Titus Vlase, Paul Albu, Adriana Ledeti	Last author	Thermally induced interactions between adamantan-2-one and some pharmaceutical excipients	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY 2018, 131, 1, 201-213	2.471/2018
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	2.471/2018

99.	Ionut Ledeti, Agneta Pusztai, Cezara Muresan, Denisa Circioban, Gabriela Vlase, Carmen Axente, Lenuța-Maria Șuta, Titus Vlase, Petru Matusz, Adriana Ledeti* , Oana Suci, Valentina Buda, Marius Murariu	Corresponding author	Study of kinetic characteristics of 6-ethyl chenodeoxycholic acid and deoxycholic acid decomposition in non-isothermal conditions	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 134(1); 757-764;	2.471/2018
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	2.471/2018
101.	Denisa Circioban, Adriana Ledeti , Gabriela Vlase, Alina Moacă, Ionut Ledeti*, Claudia Farcaș, Titus Vlase, Cristina Dehelean	Co-author	Thermal degradation, kinetic analysis and evaluation of biological activity on human melanoma for artemisinin	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 134(1); 741-748; DOI: 10.1007/s10973-018-7497-z	2.471/2018
102.	Ionut Ledeti#, Agneta Pusztai#, Cezara Muresan#, Denisa Circioban, Gabriela Vlase, Marius Murariu, Lenuța-Maria Șuta, Titus Vlase, Adriana Ledeti* , Oana Suci, Valentina Buda, Petru Matusz	Corresponding author	Study of solid-state degradation of prochlorperazine and promethazine	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 134(1); 731-740; DOI: 10.1007/s10973-018-7566-3	2.471/2018
103.	Titus Vlase, Paul Albu, Adriana Ledeti , Denisa Circioban, Madalina Mateescu, Codruta Mosoiu, Gabriela Vlase	Co-author	Thermal behavior of entacapone, a catechol-O-methyltransferase inhibitor used in Parkinson's disease	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 134(1); 711-720; DOI: 10.1007/s10973-018-7097-y	2.471/2018
104.	Denisa Circioban, Adriana Ledeti , Gabriela Vlase, Dorina Coricovac, Alina Moacă, Claudia Farcaș, Titus Vlase, Ionut Ledeti*, Cristina Dehelean	Co-author	Guest-host interactions and complex formation for artemisinin with cyclodextrins: instrumental analysis and evaluation of biological activity	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 134(2); 1375-1384; DOI: 10.1007/s10973-018-7411-8	2.471/2018
105.	Ionut Ledeti#, Agneta Pusztai#, Marius Murariu#, Sorin Olariu, Codruț Ivan, Denisa Circioban, Gabriela Vlase, Adriana Ledeti* , Titus Vlase, Petru Matusz	Corresponding author	Comparative instrumental investigations of some bile acids	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2018, 134(2); 1345-1350; DOI: 10.1007/s10973-018-7163-5	2.471/2018
106.	Denisa Circioban; Ioana Zinuca Pavel; Adriana Ledeti ; Ionut Ledeti; Corina Danciu; Cristina Dehelean	Co-author	Cytotoxic Activity Evaluation on Breast Cells of Guest-host Complexes Containing Artemisinin	REVISTA DE CHIMIE, 70(8), 2843-2846	1.755/2019
107.	Cristina Trandafirescu; Ionut Ledeti; Codruta Soica; Adriana Ledeti ; Gabriela Vlase; Florin Borcan; Cristina Dehelean; Dorina Coricovac; Roxana Racoviceanu; Zoltan Aigner	Co-author	Albendazole-cyclodextrins binary systems Thermal and spectral investigation on drug-excipient interaction	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2019, 138(5); 3039-3054; DOI: 10.1007/s10973-019-08326-1	2.731/2019
108.	Laura Sbârcea; Adriana Ledeti* ; Lucretia Udrescu; Renata-Maria Varut; Paul Barvinschi; Gabriela Vlase; Ionut Ledeti	Corresponding author	Betulonic acid-cyclodextrins inclusion complexes	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2019, 138(4); 2787-2797; DOI: 10.1007/s10973-019-08359-6	2.731/2019
109.	Mihaela Cristea; Bianca Baul; Ionut Ledeti; Adriana Ledeti ; Gabriela Vlase; Titus Vlase; Bożena Karolewicz; Oana Stefanescu; Anca Dragomirescu; Cezara Muresan; Dan-Simion Cipu; Dana Velimirovici; Mircea Stefanescu	Co-author	Preformulation studies for atorvastatin calcium. An instrumental approach	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2019, 138(4); 2799-2806 DOI: 10.1007/s10973-019-08798-1	2.731/2019
110.	Ionuț Ledeti, Mirabela Romanescu, Denisa Circioban,	Corresponding author	Stability and Compatibility Studies of Levothyroxine Sodium in Solid Binary Systems-Instrumental Screening	PHARMACEUTICS, 2020, 12(1); art.58; DOI:	6.321/2020

	Adriana Ledeti* , Gabriela Vase, Titus Vase, Oana Suciu*, Marius Murariu*, Sorin Olariu, Pentru Matusz, Valentina Buda, Doina Piciu			10.3390/pharmaceutics12010058	
111.	Valentina Buda, Bianca Baul, Minodora Andor, Dana Emilia Man, Adriana Ledeti* , Gabriela Vase, Titus Vase, Corina Danciu, Petru Matusz, Francisc Peter, Ionuț Ledeti	Corresponding author	Solid State Stability and Kinetics of Degradation for Candesartan-Pure Compound and Pharmaceutical Formulation	PHARMACEUTICS, 2020, 6.321/2020 12(2); art.86; DOI: 10.3390/pharmaceutics12020086	
112	Ionuț Ledeti, Cosmina Bengescu, Denisa Cîrcioban, Gabriela Vase, Titus Vase, 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	4.626/2020
113.	Ionuț-Mihai Tănase, Laura Sbârcea*, Adriana Ledeti* , Gabriela Vase, Paul Barvinschi, Renata-Maria Văruț, Anca Dragomirescu, Carmen Axente, Ionuț Ledeti	Co-author	Physicochemical characterization and molecular modeling study of host–guest systems of aripiprazole and functionalized cyclodextrins	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2020, 142(5); 1963-1976; DOI: 10.1007/s10973-020-09901-7	4.626/2020
114.	Denisa Cîrcioban, Ionuț Ledeti, Lenuta-Maria Suta, Gabriela Vase, Adriana Ledeti* , Titus Vase, Renata Varut, Laura Sbarcea, Cristina Trandafirescu, Cristina Dehelean	Corresponding author	Instrumental analysis and molecular modelling of inclusion complexes containing artesunate	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2020, 142(5);1951-1961; DOI: 10.1007/s10973-020-09975-3	4.626/2020
115.	Denisa Cîrcioban, Adriana Ledeti* , Gabriela Vase, Titus Vase, Cristina Dehelean, Ionuț Ledeti	Corresponding author	Thermal stability and kinetic degradation study for dihydroartemisinin	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2020, 142(5); 2131-2139; DOI: 10.1007/s10973-020-09902-6	4.626/2020
116.	Denisa Cîrcioban, Adriana Ledeti* , Gabriela Vase, Ionuț Ledeti, Titus Vase, Renata Varut, Ioana-Zinuca Pavel, Cristina Dehelean	Corresponding author	Preparation, physicochemical characterization and biological activity evaluation of some inclusion complexes containing artesunate	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2020, 141(3); 1041-1051; DOI: 10.1007/s10973-020-09763-z	4.626/2020
117.	Laura Sbarcea, Ionuț-Mihai Tanase, Adriana Ledeti* , Denisa Cîrcioban, Gabriela Vase, Paul Barvinschi, Marinela Miclău, Renata-Maria Varut, Cristina Trandafirescu, Ionuț Ledeti	Corresponding author	Encapsulation of Risperidone by Methylated beta-Cyclodextrins: Physicochemical and Molecular Modeling Studies	MOLECULES, 2020, 25(23), art.no. 5694; DOI: 10.3390/molecules25235694	4.412/2020
118.	Valentina Buda; Andreea Prelipcean; Carmen Cristescu; Alexandru Roja; Olivia Dalleur; Minodora Andor; Corina Danciu; Adriana Ledeti; Cristina Adriana Dehelean; Octavian Cretu	Co-author	Prescription Habits Related to Chronic Pathologies of Elderly People in Primary Care in the Western Part of Romania: Current Practices, International Recommendations, and Future Perspectives Regarding the Overuse and Misuse of Medicines	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, 2021, 18(13) DOI:10.3390/ijerph18137043 Article Number 7043	4.614/2021
119.	Laura Sbârcea, Ionuț-Mihai Tănase, Adriana Ledeti* , Denisa Cîrcioban, Gabriela Vase, Paul Barvinschi, Marinela Miclău, Renata-Maria Văruț, Oana Suciu, Ionuț Ledeti	Corresponding author	Risperidone/Randomly Methylated β -Cyclodextrin Inclusion Complex—Compatibility Study with Pharmaceutical Excipients	MOLECULES, 2021, 26(6), 1690; https://doi.org/10.3390/molecules26061690	4.927/2021
120.	Amalia Ridichie, Adriana Ledeti* , Francisc Peter*, Ionuț Ledeti, Cornelia Muntean, Matilda Rădulescu	Corresponding author	Kinetic Investigation of the Oxidative Thermal Decomposition of Levonorgestrel	PROCESSES, 2023, 11(11); DOI: 10.3390/pr11113210	2.8/2023
121.	Bianca Baul, Adriana Ledeti* , Denisa Cîrcioban, Amalia Ridichie, Titus Vase, Gabriela Vase, Francisc Peter*, Ionuț Ledeti	Corresponding author	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

122.	Denisa Cîrcioban, Ionuț Ledeti, Titus Vlase, Gerlinde Rusu, Adriana Ledeti* , Gabriela Vlase	Corresponding author	Stability evaluation and kinetic study for the atypical antidepressant opipramol	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2023, 148(23), 13121-13131 DOI: 10.1007/s10973-023-12249-3	3.0/2023
123.	Cosmina Bengescu, Adriana Ledeti , Tudor Olariu, Cîrcioban Denisa, Cornelia Muntean*, Gabriela Vlase, Titus Vlase, Carmen Tomoroga, Anca Dragomirescu, Daniela Dascălu, Lenuța-Maria Șuta, Ionuț Ledeti, Marius Murariu	Co-author	Instrumental investigations of promestriene: first report regarding the solid-state characterization and compatibility with pharmaceutical excipients	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2023, 148; 4641-4649; DOI: 10.1007/s10973-023-11942-7	3.0/2023
124.	Sebastian Simu, Adriana Ledeti , Alina Moacă*, Cornelia Păcurariu, Cristina Dehelean, Dan Năvolan, Ionuț Ledeti	Co-author	Thermal Degradation Process of Ethinylestradiol-Kinetic Study	PROCESSES, 2023, 10(8), art. no. 1518 DOI:10.3390/pr10081518	2.8/2023
125.	Amalia Ridichie, Adriana Ledeti , Laura Sbarcea*, Gerlinde Rusu, Cornelia Muntean, Denisa Cîrcioban, Francisc Peter, Ionuț Ledeti	Co-author	Preformulation studies of levonorgestrel	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2025; 150, 6717–6730; DOI: 10.1007/s10973-024-13149-w	3.1/2024
126.	Denisa Cîrcioban, Adriana Ledeti* , Amalia Ridichie, Titus Vlase, Ionuț Ledeti, Ionela-Amalia Bradu, Alexandru Pahomi, Laura Sbârcea, Gabriela Vlase	Corresponding author	Compatibility Study of Mirtazapine with Several Excipients Used in Pharmaceutical Dosage Forms Employing Thermal and Non-thermal Methods	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2025; 150, 6747–6759, DOI: 10.1007/s10973-024-13181-w	3.1/2024
127.	Lenuța-Maria Șuta, Amalia Ridichie*, Adriana Ledeti , Claudia Temereanca*, Ionuț Ledeti, Delia Muntean, Matilda Rădulescu, Renata-Maria Văruț, Claudia Watz, Florentin Craianeanu, 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/pharmaceutics16040560	5.5/2024
128.	Minodora Andor, Claudia Temereanca, Laura Sbârcea, Adriana Ledeti* , Dana Emilia Man, Cristian Momos, Amalia Ridichie, Denisa Cîrcioban, Gabriela Vlase, Paul Barvinschi, Angela Caunii, Renata-Maria Văruț, Cristina Maria Trandafirescu, Ionuț Ledeti, Valentina Buda, Matilda Rădulescu	Corresponding author	Host-Guest Interaction Study of Olmesartan Medoxomil with β -Cyclodextrin Derivatives	MOLECULES, 2024; 29(10):2209; DOI: 10.3390/molecules29102209	4.6/2024
129.	Andreea-Anda Alexa, Vasile-Nicolae Bercean, Sabina Elena Boncea, Adriana Ledeti* , Valentin Badea, Amalia Ridichie, Marilena Motoc, Ionuț Ledeti	Corresponding author	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	2.5/2024
130.	Amalia Ridichie, Cosmina Bengescu, Adriana Ledeti* , Gerlinde Rusu, Răzvan Bertici, Titus Vlase, Gabriela Vlase, Francisc Peter, Ionuț Ledeti, Matilda Rădulescu	Corresponding author	Thermal stability, preformulation, and kinetic degradation studies for gestrinone	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2025; 150, 6785–6799, DOI: 10.1007/s10973-024-13520-x	3.1/2024
131.	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), DOI:10.3390/molecules29235527, Article Number 5527	4.6/2024
132.	Dana Emilia Man, Ema-Teodora Nitu, Claudia Temereanca, Laura Sbârcea, Adriana Ledeti , Denisa Ivan, Amalia Ridichie, Minodora	Co-author	Host-Guest Complexation of Olmesartan Medoxomil by Heptakis(2,6-di-O-methyl)- β -cyclodextrin: Compatibility Study with Excipients	PHARMACEUTICS, 2024 16(12) Article Number 1557 DOI:10.3390/pharmaceutics161	5.5/2024

	Andor, Alex-Robert Jijie; Paul Barvinski; Gerlinde Rusu; Renata-Maria Varut; Ionut Ledeti			21557,	
133.	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	4.8/2024
134.	Ionut Ledeti; Claudia Temereanca; Amalia Ridichie; Adriana Ledeti* ; Denisa Laura Ivan; Gabriela Vlase; Titus Vlase; Carmen Tomoroga; Laura Sbarcea; Oana Suci	Corresponding author	Oxidative Thermolysis of Sulfobutyl-Ether-Beta-Cyclodextrin Sodium Salt: A Kinetic Study	APPLIED SCIENCES-BASEL, 2025, 15(1), DOI10.3390/app15010441, Article Number 441	2.5/2024
135.	Ema-Teodora Nitu; Amalia Ridichie; Claudia Temereanca; Ioana Mitrofan; Luciana Buliga; Sebastian Simu; Cornelia Muntean; Gerlinde Rusu; Ionut Ledeti; Adriana Ledeti ; Laura Sbârcea	Co-author	Study of Carvedilol-β-Cyclodextrin Derivatives Interactions	PROCESSES, 2025, 13(4), DOI 10.3390/pr13041141 Article Number 1141	2.8/2024
136	Ramona Daniela Pârvanescu; Marius Papurica; Ionica Oana Alexa; Cristina Adriana Dehelean; Codruta Soica; Elena Alina Moaca; Adriana Ledeti ; Mirela Voicu; Dorina Coricovac; Cristina Trandafirescu	Corresponding author	The Potential of Amphiphilic Cyclodextrins as Carriers for Therapeutic Purposes: A Short Overview	PHARMACEUTICS, 2025 17(8), Article Number 1086 DOI10.3390/pharmaceutics17081086	5.5/2024
137.	Razvan Adrian Bertici; Amalia Ridichie; Nicoleta Sorina Bertici; Adriana Ledeti ; Ionut Ledeti; Renata-Maria Varut; Laura Sbârcea; Paul Albu; Matilda Radulescu; Gerlinde Rusu; Dragos Catalin Jianu; Ovidiu Fira-Mladinescu	Co-author	Compatibility Studies of Sildenafil-HPBCD Inclusion Complex with Pharmaceutical Excipients	PHARMACEUTICS, 2025 17(9) Article Number 1114 DOI10.3390/pharmaceutics17091114	5.5/2024
138.	Amalia Ridichie; Cosmina Bengescu; Adriana Ledeti ; Laura Sbârcea; Razvan-Adrian Bertici; Gerlinde Rusu; Cornelia Muntean; Francisc Peter; Ionut Ledeti	Corresponding author	Preformulation studies of progesterone: an instrumental approach	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 2025 DOI10.1007/s10973-025-14712-9	3.1/2024
139.	Amalia Ridichie; Adriana Ledeti ; Cosmina Bengescu; Laura Sbârcea; Răzvan Adrian Bertici; Denisa Laura Ivan; Gabriela Vlase; Titus Vlase; Francisc Peter; and Ionuț Ledeti.	Corresponding author	Thermal Stability and Degradation of Three Similar-Structured Endogenous Estrogens	ANALYTICA, 2025, 6, no. 4: 52. https://doi.org/10.3390/analytica6040052	3.6/2024
140.	Ionuț Ledeti; Cosmina Bengescu; Adriana Ledeti ; Gabriela Vlase; Titus Vlase; Cezara Maria Mureșan; Carmen Tomoroga; Valentina Buda; Anca Dragomirescu; Felicia Andrei; Lenuța-Maria Șuta; Tudor Olariu; Oana Suci; Laura Sbârcea; Cornelia Muntean; Denisa Ivan	Corresponding author	Instrumental Investigations And Preformulation Study Of The Progestin Drug Desogestrel	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY DOI: 10.1007/s10973-025-15096-6	3.1/2024

D. CITATIONS AND h-INDEX

h-index Google Scholar: 27; i10-index: 77; Citations from Google Scholar: 2463

h-index Web of Science: 25; Citations from Web of Science: 1281

h-index Scopus: 26; Citations from Scopus: 2265

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 CNCIS – 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 CNCIS – 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, 25, 2026

Professor Adriana-Violeta Ledeti, PhD

