



Curriculum vitae



Personal information

First names / Surname **IULIA ANDREEA PINZARU**
 Address Eftimie Murgu, Sq 2, Faculty of Pharmacy, Timișoara 300041
 E-mail iuliapinzaru@umft.ro
 Nationality Romanian

Occupational field Work experience

ASSOCIATE PROFESSOR – TOXICOLOGY AND DRUG INDUSTRY, TEACHING AND RESEARCH

2014 – present

Associate Professor

„Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 Education - University, Research

2012 – 2014

Chemist - Clinical Hospital CF Timisoara, 13-15 T. Vladimirescu, 300173, Timisoara, Timis, Romania
 Health - Hospital

2005 – 2011

PhD Student „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania
 Education - University, Research

2016 – 2019

Metabolomics Responsible Axe 1 a POC - POC-A1- A1.1.4 – E-2015 - Utilizarea modelelor nutrigenomice pentru personalizarea tratamentelor dietetice in obezitate (The use of nutrigenomic models for personalization of dietetic treatments in obesity) (NUTRIGEN) – project value 8.805.149,00 lei, „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 Health

2007 – 2008

Project manager – National project CNCIS: PN II168 / 2007 Title: DNA/RNA markers and inhibitors, „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania
 Scientific Research

2020 - 2022

Member – scientific researcher PN-III-P1-1.1-TE-2019-2134, acronim BAPRONIO Title: Redarea către piața dermocosmetica a unei formulări topice moderne cu acid betulinic încorporat în proniozomi, „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

2021

Member - associate professor, procurement expert, chemist engineer CNFIS-FDI-2019-0393 Title: Dezvoltarea bazei de practica in domeniul plantelor medicinale a Universitatii de Medicina si Farmacie „Victor Babeș” Timisoara / Development of the practice base in the field of medicinal plants „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania

2019-2021

Management team member, trainer team member ERASMUS project 2019-1-RO01-KA203-063499 Title: Cooperation on innovation and exchange of good practice in the hypoglycemia diet for people with diabetes, „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 Education

2019

Member - associate professor, procurement expert, chemist engineer CNFIS-FDI-2019-0393 Title: Centru de dezvoltare profesională în domeniul produselor dermato-cosmetice pe bază de plante medicinale / Center for development of practical abilities in the field of dermo-cosmetic products based on medicinal plants „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 Education

2018	Member - associate professor, procurement expert, chemist engineer CNFIS-FDI-2018-0159 Title: Centru de dezvoltare a abilităților practice în domeniul plantelor medicinale/ Center for development of practical abilities in the field of medicinal plants, Victor Babeș" University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania Education
2017 - 2018	Member – Scientific researcher III-C5-PCFI-2017/2018-04, "Potențialul antiinflamator, chemopreventiv și antitumoral în cancerul mamar al unor extracte vegetale standardizate din <i>Melissa officinalis</i> L. in nanoformulări cu ciclodextrine" (Anti-inflammatory, chemopreventive and antitumoral potential in breast cancer of standardized plant extracts from <i>Melissa officinalis</i> L. in nanoformulations with cyclodextrins) – project value 135.000 lei
2016 - 2017	PIII – C4 – PCFI – 2016/2017 – 03 – ACRONIM : NANOCEL Evaluarea in vitro și in vivo a mecanismelor de moarte celulară indusă de nanoparticulele magnetice în interacțiunea cu celulele tumorale – project value 135.000 lei „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania Scientific Research
2016 - 2018	Member – Scientific researcher PN-III-P2-2.1-BG-2016-0354, Contract no 115/2016 – project value 450.000 lei Title - Formulări pe bază de betulină și nanoparticule de aur în combaterea procesului de îmbătrânire a pielii (Formulations based on betulin and gold nanoparticles to combat skin aging) „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania Scientific research
2016 - 2018	Member – Scientific researcher PN-III-P2-2.1-BG-2016- 0455, Contract no 122/2016 – project value 440.001 lei Title: Formulări de avangardă pe bază de eugenol nanocapsulat cu adresabilitate în medicina dentară (Avant-garde formulations based on eugenol nanocapsules addressable in dentistry) „Victor Babeș” University of Medicine and Pharmacy Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania Scientific research
2008 – 2011	Researcher National Project CNCIS PN II 62072/2008 Title: Hepatoprotective nanoparticles with high bioavailability (NanoHEPAT) „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania Scientific Research
2007 - 2010	National Project CNCIS PN II 41070/2007 Title: Establishing protective action and the effects of stress and / or immunostimulatory of a new biologically active materials „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania Scientific Research
Main activities and responsibilities	Teaching activities – courses Toxicology, Methodology of Scientific Research, Drug industry and pharmaceutical biotechnology. Lecturer in the master program OTC drugs, dietary supplements, cosmetics; Lecturer in the master program Formulation and Evaluation of dermato-cosmetic product. Scientific research activities – Chemical/biochemical synthesis – Toxicology, <i>in vitro</i> and <i>in vivo</i> studies, obtaining and evaluation of vegetal extracts, active compounds and new formulations with impact on cancer, degenerative diseases, viral infections prophylaxis/therapy.
Awards	CNCIS Awards – “ Rewarding research results – Articol Type” PN-III-P1-1.1-PRECISI-2020-47247; PN-III-P1-1.1- PRECISI-2020- 49179 ; PN-III-P1-1.1-PRECISI-2020-50047; PN-III-P1-1.1-PRECISI-2019-30519; PN-III-P1-1.1-PRECISI-2019-34566; PN-III-P1-1.1-PRECISI-2019-35052; PN-III-P1-1.1-PRECISI-2019-35812; PN-III-P1-1.1-PRECISI-2019-32196; PN-III-P1-1.1-PRECISI-2018-25367; PN-III-P1-1.1-PRECISI-2018-21558; PN-III-P1-1.1-PRECISI-2018-21896; PN-III-P1-1.1- PRECISI-2017-16345; PN-III-P1-1.1-PRECISI-2017-15878; PN-III-P1-1.1-PRECISI-2017-16931; PN-III-P1-1.1-PRECISI-2017-20175; PN-III-P1-1.1-PRECISI-2016-12614; Code CNCIS 250; Code CNCIS 515
Education and training	
2012	PhD Degree (series H, no. 0018814, Ordin 5743/12.09.2012), Chemical Engineering ISCED 8 Faculty of Industrial Chemistry and Environmental Engineering / Politehnica University of Timisoara / Sept 2012
2018-2021	PhD student - Faculty of Pharmacy / „Victor Babeș” University of Medicine and Pharmacy Timisoara
2018	Master Degree, Pharmacy ISCED 7 Master Programme – Medicamente de tip OTC, suplimente alimentare, cosmetice / OTC drugs, food supplements, cosmetics Faculty of Pharmacy / „Victor Babeș” University of Medicine and Pharmacy Timisoara / July 2018
2008	Certificate of graduation of psycho-pedagogical studies for the didactic profession (Series E, no 0035955) Teacher Training Department / Politehnica University of Timisoara / April 2008
2005	Engineer's Degree (Series E, no. 0020643), Chemistry, speciality Technology of Organic Substances ISCED 6 The main subjects studied: Synthetic drugs, Natural drugs, Organic and semisynthetic products, Inorganic Chemistry, Organic Chemistry, Analytical Chemistry, Reactions of Organic Compounds, Chromatographic Methods of Separation and Analysis, Chemistry of Macromolecular Compounds, Spectroscopic Methods of Structure Determination etc

Personal skills and competences

Mother tongue

Romanian

Other languages

Self evaluation

English**French**

Job-related skills

Faculty of Industrial Chemistry and Environmental Engineering/Politehnica University of Timisoara/ June 2005

High school diploma (Series R, no. 0021288), real profile Mathematics-Physics ISCED 5 Calan Industrial Metallurgical School Group, July 1998

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

Team spirit, motivation, creative spirit, excellent communication skills acquired as a result of teaching activities supported in various undergraduate, short-term, postgraduate study programs; participation in different national and international conferences; participation in research projects with foreign partners, creativity, dynamism, discipline, perseverance

The ability to communicate constructively in different social situations (to tolerate other points of view, to acknowledge individual and collective responsibility)

Skills of team coordinator, organizational spirit, ability to concentrate and plan, implement, coordinate, complete objectives or performance indicators proposed depending on the field and activity, ability to make decisions quickly and efficiently, responsibility and involvement in the activities conducted; ability to work under pressure, time management, conflict resolution, self-motivation and motivation of colleagues, teamwork, creativity, dynamism, discipline, perseverance, analytical thinking, ability to build relationships, efficiency, adaptability, openness, empathy.

Computer skills

Microsoft Office user (Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Visio)
Advanced level, Specific analysis software

Additional informations

Competencies: chemical/biochemical synthesis; UV-Vis, FTIR, HPLC, MS, NMR, SEM, TEM, TG/DTG/DTA etc. physicochemical techniques; preparation and evaluation of vegetal extracts, active compounds, and new formulations in cancer prophylaxis/therapy

More than 70 ISI full articles in the field



h-index: 13 (WOS)

Total impact factor (articles as main author) - 98

13 research projects - 2 in the field of medicinal chemistry (one project manager), 1 – in the field of medicine (metabolomics responsible), 10 – in the field of health (pharmacy, medicine). Brainmap ID: U-1700-039D-1788; ORCID ID <https://orcid.org/0000-0003-2295-1926>

Invited review-er for: Food and Chemical Toxicology, Molecules, Materials, International Journal of Nanomedicine, International Journal of Molecular Sciences, Journal of Herbal Medicine, Antioxidants, Antibiotics, Plants

Member of: Federation of European Toxicologist & European Societies of Toxicology (EUROTOX), Romanian Society of Pharmaceutical Sciences (SSFR), Romanian Chemistry Society, Order of Biochemists, Biologists and Chemists of Health System in Romania

Authorization of free medical practice

Driving licence

B

Annex

Relevant publications