



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, DRUG INDUSTRY, MANAGEMENT AND LEGISLATION - TEACHING AND RESEARCH

- 2014 – present** Associate Professor
 „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 Education - University, Research
- 2023 – present** Part of the Body of experts from the National Register of experts for the certification of research and development activity, based on the order of the MINISTER NO. 20242/13.02.2023. the field of intelligent specialization at the national level - Advanced functional materials
 National scientific evaluation
- 2022 – present** Part of the evaluation experts within the programs run by the European Commission. Identification number EX2022D708670
 International scientific evaluation
- 2022 - present** Member of the Scientific Committee of „Victor Babeș” University of Medicine and Pharmacy from Timisoara
 Education - University, Research
- 2023 - present** Member of the Integrated Quality Management Department of the "Victor Babeș" University of Medicine and Pharmacy in Timișoara
 Education – University, Management
- 2022 - present** Member of the Commission for bioethics research within the Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy from Timisoara
 Education - University, Research
- 2021 - present** President of the Commission for Evaluation and Assurance of Educational Quality within the Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy from Timisoara
 Education - University
- 2016 - present** President of the Commission for Acquisition within the Faculty of Pharmacy, „Victor Babeș” University of Medicine and Pharmacy from Timisoara
 Institutional development - University
- 2023 - 2025** Project manager - 2023-1-RO01-KA220-HED-000164767 Title: Partnership for innovation on the exchange of best practices and the design of joint collaborative initiatives at European level related to the awareness of the effects of contamination on human health - „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 University – Education, Continuous professional training
- 2023** Project manager - CNFIS-FDI-2023-F-0448 Title: Augmentarea multifunctionalitatii bazei de practica in domeniul produselor vegetale medicinale prin inovare interdisciplinara cu transpunere in sfera digitala/ Increasing the multifunctionality of the practice base in the field of medicinal plant products through interdisciplinary innovation with transposition in the digital sphere - „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 University – Institutional Development
- 2023** Member – Progress plan specialist CNFIS-FDI-2023-F-0450 Title: Dezvoltarea continua a actiunilor antreprenoriale studentesti prin si pentru studenti si absolventi in cadrul UMFVBT / The continuous development of student entrepreneurial actions through and for students and graduates within the UMFVBT - „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania
 University – Institutional Development

2022 - 2024	Management team member, trainer team member ERASMUS 2022-1-RO01-KA220-HED-000088958 Title: Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with central Roles in Pharmaceuticals, Agriculture and Nutrition „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Education, Continuous professional training
2020 - 2022	Member – scientific researcher PN-III-P1-1.1-TE-2019-2134, acronim BAPRONIO Title: Redarea către piața dermocosmetica a unei formulari topice moderne cu acid betulinic încorporat in proniozomi,„Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University - Scientific Research
2022	Member – Innovation Manager CNFIS-FDI-2022-0484 Title: Implementation of modern techniques for the continuous development of the practice base in the field of medicinal plant products within UMF „Victor Babes” Timisoara - „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Institutional Development
2022	Member – Innovation Manager CNFIS-FDI-2022-0474 Title: Consolidation and development of student entrepreneurial activities through students and PhD students within UMFVBT - „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Institutional Development
2021	Member - CNFIS-FDI-2021-0498Title: Dezvoltarea bazei de practica in domeniul plantelor medicinale a Universitatii de Medicina si Farmacie „Victor Babes” Timisoara / Development of the practice base in the field of medicinal plants „Victor Babeș” University of Medicine and Pharmacy from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Institutional Development
2020-2021	Member – 1EXP/1233/30.01.2020 Title: Lupeol as bioactive natural compound in the local treatment of wounds and inflammation from mild to severe pathologies: experimental evaluations and market pre-proposal. University - Scientific Research
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 University – Education, Continuous professional training
2019	Member - CNFIS-FDI-2019-0393Title: 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 University – Institutional Development
2018	Member - 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 University – Institutional Development
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 University - Scientific 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 from Timisoara, Eftimie Murgu Sq, nr. 2, 300041, Timisoara, Timis, Romania University – Health/Scientific Research
2016 - 2017	PIII – C4 – PCFI – 2016/2017 – 03 – ACRONIM : NANOCEL Evaluarea in vitro și in vivo a mecanismelor de moarte celulara indusă de nanoparticulele magnetice în nteracțiunea 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 University - 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 University - 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 University - Scientific research
2012 - 2014	Chemist - Clinical Hospital CF Timisoara, 13-15 T. Vladimirescu, 300173, Timisoara, Timis, Romania Health - Hospital
2008 - 2011	Researcher National Project CNCSIS PN II 62072/2008 Title: Hepatoprotective nanoparticles with high bioavailability (NanoHEPAT) „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania University - Scientific Research
2007 - 2008	Project manager – National project CNCSIS: PN II168 / 2007 Title: DNA/RNA markers and inhibitors „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania University - Scientific Research
2007 - 2010	National Project CNCSIS 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 University - Scientific Research
2005 - 2011	PhD Student „Politehnica” University of Timisoara, Victory Sq. 2, 300006, Timisoara, Timis, Romania Education - University, Research
Main activities and responsibilities	Teaching activities – courses Drug industry and pharmaceutical biotechnology, Toxicology, Methodology of Scientific Research. 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 profilaxy/therapy.
Awards	CNCSIS Awards – “ Rewarding research results – Articol Type” PN-III-P1-1.1-PRECISI-2021-58816; PN-III-P1-1.1-PRECISI-2021-58870; PN-III-P1-1.1-PRECISI-2021-59097; PN-III-P1-1.1-PRECISI-2021-58390; PN-III-P1-1.1-PRECISI-2021-59308; PN-III-P1-1.1-PRECISI-2021-56880; 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 CNCSIS 250; Code CNCSIS 515 Diploma of Excellence in Research – 3rd plase – for national and international publishing activity in research - „Victor Babeș” University of Medicine and Pharmacy Timisoara
Education and training	
2023	Certificate of habilitation in the field of doctoral studies in Pharmacy, OME 6850/21.12.2023
2022	PhD Degree (SUMMA CUM LAUDE) (series J, no. 0056282, Order 3324/02.03.2022), Pharmacy ISCED 8 Faculty of Pharmacy / „Victor Babeș” University of Medicine and Pharmacy Timisoara
2012	PhD Degree (series H, no. 0018814, Order 5743/12.09.2012), Chemical Engineering ISCED 8 Faculty of Industrial Chemistry and Environmental Engineering / Politehnica University of Timisoara / Sept 2012
2023	FELASA accredited course 056/16 9th Laboratory Animal Science European Union Functions Course (FELASA Certificate ID 056/16_230923)
2023	Ethical and Regulatory Aspects of Clinical Research – National Institutes of Health, Department of Bioethics, sep – nov 2023
2023	Certificate Internal Auditors in the field of quality-environment-health and occupational safety integrated management system, in accordance with the requirements of ISO 9001:2015 standards; ISO 14001:2015; ISO 45001:2018; IS19011:2018 (Certificate ASMI series no. 20202)
2022	Certificate – Methods validation and assurance of quality results in physicochemical analysis laboratories / December 2022 Certificate no: 21/AK-TAR/01/2023
2022	Certificate - Risk management according to SR EN ISO/IEC17025:2018 / November Certificate no: 1671/TAR-AK/12/2022
2022	Entrepreneurial competences – Graduation Certificate series R no 0002805, No. 55/23.03.2023
2022	Thresholds of toxicological concern – recent developments, Continuing Education course (CEC) 07, 18 September 2022 in line with the XVIth International Congress of Toxicology (ICT 2022)
2022	Manager of Quality Management Systems – Graduation Certificate series N no 0239204, No. 2395/31.05.2023

2021	Certificate – Internal Auditor course for testing and calibration laboratories according to SR EN ISO/IEC 17025:2018 and ISO 19011:2018 standards / December 2021 Certificate no: 1379/TAR-AK/12/2021																																								
2021	Advance course in Toxicology - Certificate of participation (Annual Meeting of the German Society for Experimental and Clinical Pharmacology and Toxicology (DGPT) in cooperation with the AGAH) – Kategorie A/01.03.2021																																								
2018	Master Degree (Series MA No 0150495), Pharmacy ISCED 7 Master Program – Medicamente de tip OTC, suplimente alimentare, cosmetice / OTC drugs, food supplements, cosmetics Faculty of Pharmacy / „Victor Babeş” University of Medicine and Pharmacy Timisoara / July 2018, No. 195/05.07.2019																																								
2008	Certificate of graduation of psycho-pedagogical studies for the didactic profession (Series E, no 0035955; Series Ah, no 0013215) Teacher Training Department / Politehnica University of Timisoara / April 2008, June 2022																																								
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 Faculty of Industrial Chemistry and Environmental Engineering/Politehnica University of Timisoara/ June 2005, No. 57474/20.01.2006																																								
1998	High school diploma (Series R, no. 0021288), real profile Mathematics-Physics ISCED 5 Calan Industrial Metallurgical School Group, July 1998																																								
Personal skills and competences																																									
Mother tongue	Romanian																																								
Other languages																																									
Self evaluation																																									
English	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Independent user</td> <td>C1</td> <td>Independent user</td> <td>C1</td> <td>Proficient user</td> </tr> <tr> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C1	Proficient user	C1	Proficient user	C1	Independent user	C1	Independent user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
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French																																									
Job-related skills	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, efficiency, adaptability, empathy.																																								
Computer skills	Experienced user: data analysis and processing programs (ChemDraw, GraphPad, Gen5™, BioRender, etc.), Microsoft Office (Word, Excel, PowerPoint, etc.)																																								
Additional informations	Competencies: chemical/biochemical synthesis; compound characterization and evaluation (physico-chemical techniques - UV-Vis, FTIR, HPLC, MS, NMR, SEM, TEM, TG/DTG/DTA, etc.); preparation and evaluation of plant extracts, functionalized/derivatized compounds with biological activity; in vitro and in vivo molecular techniques More than 85 ISI full articles in the field h-index: 18 (Web of Science) Total impact factor (articles as main author) – 132.05 Projects - 17 institutional development, education, reseach national/international projects Brainmap ID: U-1700-039D-1788; ORCID ID: 0000-0003-2295-1926 (https://orcid.org/0000-0003-2295-1926) SCOPUS ID: 23111684600 (https://www.scopus.com/authid/detail.uri?authorId=23111684600) <i>Invited review-er for:</i> Food and Chemical Toxicology; Molecules; Materials; International Journal of Nanomedicine; International Journal of Molecular Sciences; Journal of Herbal Medicine; Antioxidants; Pharmaceutics; Antibiotics; Plants; Biomimetics; Drug Design, Development and Therapy <i>Guest Editor:</i> Frontiers in Pharmacology, Toxics, Pharmaceutics <i>Member of:</i> 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																																								

Timisoara,
April 2024

PÎNZARU IULIA ANDREEA

CV