

PERSONAL INFORMATION

Emă Teodora Nițu



📍 Timisoara  
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Date of birth 27.09.1999 | Nationality romanian

WORK EXPERIENCE

October 2024-present

Assistant Professor

Drug Analysis Discipline, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timișoara (2, Eftimie Murgu Square, Timișoara, 300041, Romania; [www.umft.ro](http://www.umft.ro))

- didactic activity: support and coordination of laboratory activities of Drug analysis - (5th year – PHARMACY), Dermato-cosmetic product analysis - (3<sup>rd</sup> year - MEDICAL COSMETICS AND COSMETIC PRODUCT TECHNOLOGY, Chemistry of environmental factors, hygiene and nutrition - 3<sup>rd</sup> year - PHARMACY)
- research activity

January 2024-present

Pharmacist resident in the specialty of Clinical Pharmacy

"Pius Brînzeu" Emergency County Clinical Hospital in Timișoara

EDUCATION AND TRAINING

January 2024-present

Pharmacist resident in the specialty of Clinical Pharmacy

"Pius Brînzeu" Emergency County Clinical Hospital in Timișoara

October 2023-present

PhD student

"Victor Babes" University of Medicine and Pharmacy Timișoara, Doctoral School of Pharmacy (2, Eftimie Murgu Square, Timișoara, 300041, Romania; [www.umft.ro](http://www.umft.ro))

- PhD thesis: *Analytical studies involving substances with antihypertensive action*
- Scientific Supervisor: Prof Laura Sbârcea, PhD

September 2018-September 2023

Bachelor of Pharmacy

Faculty of Pharmacy at "Victor Babes" University of Medicine and Pharmacy Timișoara (Piața Eftimie Murgu, nr. 2, Timișoara, 300041, Romania; [www.umft.ro](http://www.umft.ro))

PERSONAL SKILLS

Mother tongue(s)

romanian

Other language(s)

english

		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
-pass in English obtained after completion of the English-intensive secondary school -certificate of proficiency in English, issued by the University University of Medicine and Pharmacy „Victor Babes Timisoara”				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](https://www.cedefop.europa.eu/en/common-european-framework-reference-languages)

Communication skills

- ability to adapt to different environments acquired through experience both with young people (children's workshops) and with older people (teaching lessons English language teaching) as a volunteer at the Christian Tell County Library in Târgu-Jiu  
 - high degree of communication skills, team spirit obtained through voluntary work in non-governmental organisations: Interact Târgu-Jiu and Liga of Pharmacy Students in Timisoara

Organisational / managerial skills

- results-focused analytical thinking, acquired in the activity of coordinator of the Design&IT department within the organization League of Student Pharmacists" in Timișoara  
 - excellent organisational skills gained from my experience as secretary of the Student Council ("Colegiul National Ecaterina Teodoroiu")

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER	INDEPENDENT USER

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

- a good command of Microsoft Office™ tools (Word, Excel, Power Point), Adobe Illustrator, Microcal Origin

Driving licence

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ADDITIONAL INFORMATION

*In extenso* Papers

- Man DE, **Nițu E-T**, Temereancă C, Sbârcea L, Ledetj A, Ivan D, Ridichie A, Andor M, Jijie A-R, Barvinschi P, et al. Host–Guest Complexation of Olmesartan Medoxomil by Heptakis(2,6-di-O-methyl)-β-cyclodextrin: Compatibility Study with Excipients. *Pharmaceutics*. 2024; 16(12):1557. <https://doi.org/10.3390/pharmaceutics1612155>

Papers published in abstract in volumes of national and international events

- Nițu E.**, Mitrofan I., Buliga L., Ridichie A., Ledetj A., Muntean C., Rusu G., Vlase G., Ivan D., Tomoroga C., Ledetj I., Sbârcea L. The influence of co-solvent on cyclodextrin complexation: study on carvedilol. 33<sup>rd</sup> Symposium "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy, Book of Abstracts, P4, 17-18 October 2024, Timisoara, Romania
- Ridichie A., Sbârcea L., **Nițu E.**, Bertici R., Peter F., Ledetj I. Preparation and characterisation of inclusion complex of levonorgestrel with sulfobutylether-beta-cyclodextrin. 33<sup>rd</sup> Symposium "Eugen Segal" of the Commission for Thermal Analysis and Calorimetry of the Romanian Academy, Book of Abstracts, P6, 17-18 October 2024, Timisoara, Romania
- Nițu E.**, Mitrofan-Bandol ID., Buliga LE., Ridichie A., Ledetj A., Muntean C., Rusu G., Văruț RM, Tomoroga C., Ledetj I., Sbârcea L. Preparation and characterisation of inclusion complexes of carvedilol with DIMEB and RAMEB. The 2<sup>nd</sup> Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEC-PCMS2), Book of Abstracts, PP1.05, ISBN 978-609-02-02-1870-9, 16-19 September 2024, Kaunas, Lithuania
- Mitrofan-Bandol ID., Buliga LE., **Nițu E.**, Ridichie A., Ledetj A., Muntean C., Rusu G., Pop RO., Simu S., Ledetj I., Sbârcea L. Sulfobutylether β-cyclodextrin inclusion complex of quercetin. compatibility with excipients. The 2<sup>nd</sup> Central and Eastern European Conference on Physical Chemistry & Materials Science (CEEC-PCMS2), Book of Abstracts, PP1.04, ISBN 978-609-02-02-1870-9, 16-19 September.2024, Kaunas, Lithuania
- Nițu E.**, Buliga LE., Mitrofan-Bandol ID., Jijie AR., Sbârcea L. Ciclodextrinele ca agenți de încapsulare în formulări dermatologice și cosmetice. 15th International Symposium on Cosmetics and Flavoring "Cosmetology - tradition, innovation, sustainability", Iasi, 23 - 24 May 2024

- Mitrofan-Bandol ID., Buliga L.E., **Nițu E.**, Jijie AR., Sbârcea L. Quercetin in cosmetics. Formulation strategies and improvement of physico-chemical and biopharmaceutical characteristics. 15th International Symposium on Cosmetics and Flavoring "Cosmetology - tradition, innovation, sustainability", Iasi, 23 - 24 May 2024
- **Nițu E.**, Ledeti A, Ridichie A., Sbârcea L., Ledeti I. *Preparation and characterization of binary adducts containing Carvedilol*. The 32<sup>nd</sup> Symposium in Thermal Analysis and Calorimetry of the Romanian Academy, Măgurele – Romania, 3 November 2023
- Mitrofan-Bandol ID., Buliga L.E., Ridichie A., **Nițu E.**, Cîrcioban D., Pop RO., Ledeti A., Ledeti I., Sbârcea L. Study on the complexation of quercetin with methyl- $\beta$ -cyclodextrins. National Congress of Pharmacy, XIXth edition, Pharmacy today: from tradition to interdisciplinarity and artificial intelligence 27-29.09.2023, Cluj-Napoca, Romania, ISBN 978-606-075-203-5
- Baul B., Bîrzava-Milu B., **Nițu E.**, Cîrcioban D., Ledeti A., Buda V., Ledeti I. *Binary adducts of carvedilol and aminoacids*. Workshop „NEW TRENDS IN PHARMACEUTICAL RESEARCH”, 31 March 2023

### Projects

Participation in the ERASMUS student training project KA220-HED, EURO-PLANT-ACT, project no. 2022-1-RO01-KA220-HED-000088958; Cooperation to Implement Innovative Methods for the Assessment of Medicinal Plants with Central Roles in Pharmaceutics, Agriculture and Nutrition(Croatia); 26.02.2024-06.03.2024

Participation in the ERASMUS student training project KA220-HED - COOPERATION PARTNERSHIPS IN HIGHER EDUCATION, PROJECT NO. 2023-1-R001-KA220-HED-000164767 at the AgroBioTech Research Center of the Slovak Agricultural University in Nitra (Slovakia);15.04.2024-19.04.2024

### Memberships

-member of the Romanian College of Pharmacists