

PERSONAL INFORMATION

Andreea Maria Cristea



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Address: Eftimie Murgu Square No. 2, Timișoara, Romania

WORK EXPERIENCE

- 2024-present **Assistant Lecturer**
University Clinic of Toxicology, Pharmaceutical Industry, Management, Legislation and Dermopharmacy
"Victor Babeș" University of Medicine and Pharmacy Timișoara, Faculty of Pharmacy
Address: Eftimie Murgu Square No. 2, Timișoara, Romania
- 2023-2024 **Pharmacist – Catena Pharmacy**
- 2022-2025 **Resident Pharmacist – Clinical Pharmacy**
"Pius Brînzeu" County Emergency Clinical Hospital Timișoara
Address: 156 Liviu Rebreanu Boulevard, Timișoara 300723, Romania

EDUCATION AND TRAINING

- 2023-present **PhD Studies – Pharmacy**
"Victor Babeș" University of Medicine and Pharmacy Timișoara
Doctoral School of Medicine–Pharmacy
Address: Eftimie Murgu Square No. 2, Timișoara, Romania
- 2023-2025 **Master's Degree – Cosmetology and Dermopharmacy**
"Victor Babeș" University of Medicine and Pharmacy Timișoara
Faculty of Pharmacy
Address: Eftimie Murgu Square No. 2, Timișoara, Romania
- 2017-2022 **Bachelor's Degree in Pharmacy**
"Victor Babeș" University of Medicine and Pharmacy Timișoara
Faculty of Pharmacy
Address: Eftimie Murgu Square No. 2, Timișoara, Romania
- 2013-2017 **High School Diploma (Baccalaureate)**
Ion Minulescu National College, Slatina
Address: 37 Basarabilor Street, Slatina 230113, Romania

PERSONAL SKILLS

Mother tongue Romanian

Foreign Languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Participation in conversation	Oral discourse	
English	B2	B2	B2	B2	B2
French	B1	B1	B1	B1	B1

German - OSD B1 Goethe Zertifikat Levels: A1/2: Elementary user - B1/2: Independent user - C1/2: Proficient user
Common European Framework of Reference for Languages

DIGITAL SKILLS

Microsoft Office / Microsoft Excel / Microsoft Word / Microsoft Powerpoint / Graphpad Prism / BioRender (software to create professional scientific figures) /

PUBLICATIONS

- Boța, M.; **Cristea, A.M.**; Vlaia, L.L.; Vlaia, V. The Impact of Injectable Biostimulatory Substances on Current Trends in Aesthetic Medicine: Focus on Poly-L-lactic Acid, Polycaprolactone, and Calcium Hydroxyapatite. *Medicine in Evolution* 2025, 31, 177. <https://doi.org/10.70921/medev.v31i2.1300>
- Marin, M.A.; Chioran, D.; **Cristea, A.M.**; Draghici, A.-G.; Lazaro(i)u, M.; Banta, A.; Balica, N.C. Use of NSAIDs and Corticosteroids in ENT Disorders: Correlations with Disease Severity and Hospitalisation Outcomes. *Farmacia* 2025, 73, 1400. <https://doi.org/10.31925/farmacia.2025.6.7>
- Neagu, M.C.; Boia, E.S.; Andrică, P.A.; **Cristea, A.M.**; Sasco, D.; Bob, F.; Smeu, A.; Anton, A.; Moacă, E.-A. Synthesis, Characterisation and a Preliminary In Vitro Evaluation of a Magnetic Nanoformulation on Kidney Vero Cell Line. *Farmacia* 2025, 73, 1493. <https://doi.org/10.31925/farmacia.2025.6.15>
- Cristea, A.M.**; Smeu, A.; Cîmpeanu, I.-A.; Iftode, A.; Liga, S.; Tchiakpe-Antal, D.-S.; Vlad, D.; Dehelean, C.A.; Iliescu, D. Biological Effects of Rosaceae Species in Skin Disorders—An Up-To-Date Overview. *Plants* 2025, 14, 1605. <https://doi.org/10.3390/plants14111605>.
- Șușan, M.; **Cristea, A.M.**; Drăghici, G.A.; Nica, D.V.; Florescu, S.; Damian, C.G. Patterns of Meniscal Injuries in Adults Aged 35 and Older: A Retrospective Analysis of Surgical Cases. *Medicina* 2025, 61, 643. <https://doi.org/10.3390/medicina61040643>
- Dumitrescu, C.; Neagu, M.; Smeu, A.; **Cristea, A.M.**; Boia, E.; Morariu Briciu, D.-M.; Vlaia, L. The Association Between Fisetin and Rutin Triggers an Enhanced Cytotoxicity in A431 and A375 Skin Cancer Cells. *Med. Evol.* 2025, 31(1), 97–105. <https://doi.org/10.70921/medev.v31i1.1277>
- Neagu, M.; Morariu Briciu, D.-M.; **Cristea, A.**; Crisan, F.; Bolinteanu, S.L.; Anton, A. A Therapeutic Approach in Cardiac Patients to Induce Anesthesia—a Brief Review. *Medicine in Evolution* 2025, 31(1), 106–112. <https://doi.org/10.70921/medev.v31i1.1282>
- Nistor, G.; Trandafirescu, C.; Prodea, A.; Milan, A.; **Cristea, A.**; Ghiulai, R.; Racoviceanu, R.; Mioc, A.; Mioc, M.; Ivan, V.; Șoica, C. Semisynthetic Derivatives of Pentacyclic Triterpenes Bearing Heterocyclic Moieties with

Therapeutic Potential. *Molecules* 2022, 27(19), 6552.
<https://doi.org/10.3390/molecules27196552>

9. Mioc, M.; Milan, A.; Malița, D.; Mioc, A.; Prodea, A.; Racoviceanu, R.; Ghiulai, R.; **Cristea, A.**; Căruntu, F.; Șoica, C. Recent Advances Regarding the Molecular Mechanisms of Triterpenic Acids: A Review (Part I). *Int. J. Mol. Sci.* 2022, 23(14), 7740. <https://doi.org/10.3390/ijms23147740>.

CONFERENCE ABSTRACTS –
 NATIONAL AND
 INTERNATIONAL

- **Cristea, A.M.**; Dehelean, C.A.; Tchiakpe-Antal, D.S. Date Recente despre Potențialul Antitumoral al Frunzelor de *Eriobotrya japonica*. In Congresul al X-lea al Farmaciștilor din Republica Moldova cu Participare Internațională "Facultatea de Farmacie - 80 de Decenii de Inovație și Progres"; Universitatea de Stat de Medicină și Farmacie "Nicolae Testemițanu" din Republica Moldova: Chișinău, Moldova, 2024.
- 10th German Pharm-Tox Summit 2025. **A.M. Cristea**, G.A. Drăghici, D.S. Antal, C.A. Dehelean. Anticancer Potential of *Eriobotrya japonica* Extracts: Targeting A375 Melanoma Cells with Bioactive Phytochemicals- Naunyn-Schmiedeberg's Arch Pharmacol (2025). <https://doi.org/10.1007/s00210-025-03881-x>
- Prenatal Exposure to Inorganic Arsenic through Maternal Diet: Epigenetic Mechanisms and Transgenerational Health Effects - **Andreea Maria Cristea**, Elena-Alina Moacă, Dragoș Vasile Nica, Cristina Adriana Dehelean, George Andrei Drăghici- 9th FESTEM CONFERENCE TRACE ELEMENTS AND MINERALS IN ENVIRONMENT, MEDICINE AND BIOLOGY
- Cadmium-Induced Epigenetic Alterations: Mechanisms and Implications for Human Health - George Andrei Drăghici, **Andreea Maria Cristea**, Elena-Alina Moacă, Dragoș Vasile Nica, Cristina Adriana Dehelean 9th FESTEM CONFERENCE TRACE ELEMENTS AND MINERALS IN ENVIRONMENT, MEDICINE AND BIOLOGY
- **Cristea, A. M.**, Smeu, A., Drăghici, G. A., Antal, D. S., & Dehelean, C. A. (2025). In vitro study on the cytotoxic effects of *Eriobotrya japonica* aqueous leaf extract on A-431 skin cancer cells. *Toxicology Letters*, Poster P32–15. <https://doi.org/10.1016/j.toxlet.2025.07.989> Abstracts of the 59th Congress of the European Societies of Toxicology (EUROTOX 2025)
- Dumitrel, Ș.-I., **Cristea, A.**, Smeu, A., Liga, S., & Dehelean, C.-A. (2025). Digoxin as a Potential Anticancer Agent in Melanoma Treatment. *Proceedings*, 127(1), 15. <https://doi.org/10.3390/proceedings2025127015>
- Marcovici, I.; Smeu, A.; **Cristea, A.**; Dumitrescu, C.; Dehelean, C.-A. Rutin Oleate and Rutin Linoleate Exert a Stronger Anti-Tumor Activity Compared to Rutin in HepG2 Hepatocellular Carcinoma Cells. In Volumul Rezumatelor, Congresul Național de Farmacie 2025, Târgu Mureș, România, 24-26 Septembrie 2025; Available online: <https://congresfarmacie.com/wp-content/uploads/2025/09/Volum-Rezumat-Congres-National-de-Farmacie-2025.pdf>
- **Cristea, A.-M.**; Anton, A.; Semenescu, A.-D.; Dehelean, C.-A. Comparative in vitro study on the effects of atorvastatin and fisetin on cardiomyocyte cells. In Volumul Rezumatelor, Congresul Național de Farmacie 2025, Târgu Mureș, România, 24-26 Septembrie 2025; Available online: <https://congresfarmacie.com/wp-content/uploads/2025/09/Volum-Rezumat-Congres-National-de-Farmacie-2025.pdf>

COURSES AND SCIENTIFIC
EVENTS

- **Volunteer Activity** in Academic Development – Therapeutic Chemistry Discipline UMFT "Victor Babeş", October 2021 - July 2022
- **FELASA Workshop** on Severity Classification and Reporting under EU Directive 2010/63/EU 15 December 2023
- Hands-on Workshop "**3D Epidermal Model Workshop** – Skin Irritation Test according to OECD TG 439" Organized by MatTek, 13-15 December 2023
- **Erasmus Internship at the University of Calabria** (Italy) "Blended Mobility of Students – Calabria", Project No. 2023-1-RO01-KA220-HED-000164 767, 30 September - 4 October 2024
- **10th Congress of Pharmacists from the Republic of Moldova** with International Participation 22-23 November 2024
- **Advanced Course in Pharmacology and Clinical Pharmacology** 26 March 2025, Hannover
- **10th German Pharm-Tox Summit** 26-28 March 2025, Hannover
- **9th FESTEM Conference** "Trace Elements and Minerals in Environment, Medicine and Biology" Timisoara, May 28-31, 2025
- **59th Congress** of the European Societies of Toxicology (EUROTOX 2025), Atena
- **National Congress of Pharmacy 2025** – Târgu Mureş