

INFORMAȚII PERSONALE

Andreea Maria Cristea


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Adresă: Piața Eftimie Murgu 2, Timișoara 300041

EXPERIENȚA PROFESIONALĂ

2024-prezent

Asistent Universitar

Clinica Universitară de Toxicologie, Industria Medicamentului, Management, Legislație și Dermatoframacie

Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Facultatea de Farmacie

Adresă: Piața Eftimie Murgu nr. 2, Timișoara, România.

2023-2024

Farmacist -Farmacia Catena

2022-2025

Farmacist rezident - Farmacie clinică

Spitalul Clinic Județean de Urgență "Pius Brînzeu" Timișoara

Adresă: **Bulevardul Liviu Rebreanu 156, Timișoara 300723**

EDUCAȚIE ȘI FORMARE

2025-2026

Program de formare psihopedagogică – Nivelul II, regim postuniversitar

Universitatea de Vest din Timișoara, Facultatea de Psihologie și Științe ale Educației – Departamentul pentru Pregătirea Personalului Didactic, Specializarea: Sănătate

2025- 2026

Program de formare psihopedagogică – Nivelul I, studii postuniversitare

Universitatea de Vest din Timișoara, Facultatea de Psihologie și Științe ale Educației – Departamentul pentru Pregătirea Personalului Didactic, Specializarea: Farmacie

2026

Farmacist specialist în specialitatea -Farmacie clinică

Ministerul Sănătății, România

Certificat de farmacist specialist, eliberat la 23.01.2026

2023-prezent

Studii doctorale - Domeniul Farmacie

Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Școala doctorală Medicină-Farmacie

Adresă: Eftimie Murgu Square, No. 2, Timișoara (România)

2023-2025	Master – Cosmetologie și Dermofarmacie Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Facultatea de Farmacie Adresă: Piața Eftimie Murgu nr. 2, Timișoara, România.
2017-2022	Studii universitare de licență – Farmacie Universitatea de Medicină și Farmacie „Victor Babeș” Timișoara, Facultatea de Farmacie Adresă: Piața Eftimie Murgu nr. 2, Timișoara, România.
2013-2017	Studii liceale – Științe ale Naturii Adresă: Strada Basarabilor 37, Slatina 230113

COMPETENTE PERSONALE

Limba(i) maternă(e) Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Limba engleză	B2	B2	B2	B2	B2
Limba franceză	B1	B1	B1	B1	B1
Germană - OSD Goethe Zertifikat	B1	B1	B1	B1	B1

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
Cadru european comun de referință pentru limbi străine

Competențe informatice

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

Publicații

- Cristea, A.M.**; Macașoi, I.G.; Haj Ali, D.; Jupâneanț, R.A.; Coricovac, D.E.; Dehelean, C.A.; Tchiakpe-Antal, D.-S.; Dumitrașcu, V.; Jijie, A.-R.; Lăcătuș, M.; et al. *Eriobotrya japonica* (Loquat) Leaf Extract: An Integral In Vitro and In Ovo Approach to Antimelanoma Potential and Safety. *Int. J. Mol. Sci.* 2026, 27, 7676. <https://doi.org/10.3390/ijms27177676>
- Cîmpeanu, I.-A.; Anton, A.; **Cristea, A.-M.**; Haj Ali, D.; Predescu, I.-A.; Marcovici, I.; Macașoi, I.-G.; Vlad, D.; Oancea, C.; Moacă, E.-A. Nutraceutical Characterization, 3D Airway Tissue Metabolic Viability, and Cytotoxic Activity of Melissa officinalis Aqueous Leaf Extract in A549 Lung Adenocarcinoma Cells. *Medicina* 2026, 62, 1514. <https://doi.org/10.3390/medicina62081514>
- Maghiar, L.; Iftode, A.; Neamțu, A.-A.; Maghiar, T.-A.; **Cristea, A.M.**; Dumitrescu, C.; Anton, A.; Kis, A.-M.; Iovin, V.-C.; Cristian, M.; et al. Dual-Function Antimicrobial Peptides as a Prospective Strategy Against Peri-Implantitis: Bridging Cutaneous Wound Healing and the Peri-Implant Soft-Tissue Seal. *Medicina* 2026, 62, 1463. <https://doi.org/10.3390/medicina62081463>
- Maghiar, L.; Maghiar, P.B.; Pop, O.; Mitran, A.M.; Mureșan, M.M.; Neamțu, A.-A.; Iliescu, D.; Brebu, D.; Tent, P.A.; Bodog, F.D.; Iovin, V.-C.; Dumitrescu,

- C.; **Cristea, A.M.**; Anton, A.; Iftode, A.; Huț, F.; Dehelean, C.-A.; Hegheș, A. A Comprehensive Review of Antimicrobial Peptides and Smart Biomaterials in Chronic Wound Therapy: Overcoming Biofilms, Resistance, and Translational Barriers. *Int. J. Mol. Sci.* 2026, 27, 5955. <https://doi.org/10.3390/ijms27135955>
5. **Cristea, A.-M.**; Smultea, I.; Gidofalvi, D.; Bordean, D.M. Comparative Phytochemical and Densitometric Analyses of *Capsella bursa-pastoris* and *Trifolium pratense*: Implications for Natural Anticancer Therapies. *JEPT* 2026, 3, 3. 10.6425/032025jept003
 6. 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>
 7. 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>
 8. 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>
 9. **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>
 10. Șuşan, 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>
 11. 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>
 12. Neagu, M.; Morariu Briciu, D.-M.; **Cristea, A.**; Crisan, F.; Bolintineanu, 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>
 13. 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>
 14. 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>

Abstracte la conferințe naționale și internaționale

- **Cristea, A.M.**; Haj Ali, D.; Predescu, I.-A.; Anton, A.; Dehelean, C.A.; Tchiakpe-Antal, D.-S. *In Vitro Evaluation of the Cytotoxic and Pro-Apoptotic Effects of an Aqueous Eriobotrya japonica Leaf Extract in A549 Lung Carcinoma Cells*. *Toxicol. Lett.* 2026, 423 (Suppl.), 112457, P18-88. <https://doi.org/10.1016/j.toxlet.2026.112457> (EUROTOX 2026)
- Predescu, I.-A.; Liga, S.; Haj Ali, D.; Dumitrel, Ș.-I.; **Cristea, A.-M.**; Brînzei, I.; Dehelean, C.-A.; Coricovac, D. Biological Effects of Puerarin-Loaded Proniosomes in MIA PaCa-2 Human Pancreatic Cells: A Preliminary *In Vitro and In Ovo* Assessment. *Toxicol. Lett.* 2026, 423 (Suppl.), 112482, P18-114. <https://doi.org/10.1016/j.toxlet.2026.112482> (EUROTOX 2026)
- Jijie, A.-R.; Moacă, E.A.; Haj Ali, D.; **Cristea, A.**; Anton, A.; Minda, I.D.; Dehelean, C.A. *Cytotoxic and Anti-Clonogenic Effects of a Taxus baccata Aril-Seed Ethanolic Extract in A549 Lung Cancer Cells: An In Vitro/In Ovo Assessment*. *Toxicol. Lett.* 2026, 423 (Suppl.), 112928, P35-12. <https://doi.org/10.1016/j.toxlet.2026.112928> (EUROTOX 2026)
- Moaca, E.A.; Haj Ali, D.; Marcovici, I.; Jijie, A.R.; Anton, A.; **Cristea, A.-M.**; Draghici, G.A.; Watz, C.G.; Dehelean, C.A.; Oancea, C.; Socoliuc, V. *Taxus baccata Aril-Mediated Green Synthesis of Fe3O4 Nanoparticles for Lung Cancer: Antiproliferative Effects, Respiratory Safety Assessment, and Hyperthermia Potential*. *Toxicol. Lett.* 2026, 423 (Suppl.), 112592, P22-28. <https://doi.org/10.1016/j.toxlet.2026.112592> (EUROTOX 2026)
- Draghici, G.A.; Ceobanu, A.L.; Nica, D.V.; Moaca, A.E.; **Cristea, A.M.**; Coricovac, D.E.; Lazar, D.; Dehelean, A. Eugenol-Induced Cytotoxic and Epigenotoxic Responses in Human Colorectal Cancer HT-29 Cells. *Toxicol. Lett.* 2026, 423 (Suppl.), 112340, P14-40. <https://doi.org/10.1016/j.toxlet.2026.112340> (EUROTOX 2026)
- **Cristea, A.-M.**; Drăghici, G.-A.; Coricovac, D.-E.; Anton, A.; Dehelean, C.A. *Development of a UHPLC-MS/MS Smart Analytical Workflow for Polyphenols Characterization in Experimental Red Wine*. Poster presented at the Summer School and International Symposium "Smart Sample Preparation: The Heart of Green Analytical, Food and Environmental Chemistry", CEEPUS Network RS-1816-03-2526, Blagoevgrad, Bulgaria, 2026. <https://pmf.swu.bg/images/1novini/Book%20of%20abstracts%20for%20publish%2003-09-2026.pdf>
- Drăghici, G.-A.; **Cristea, A.-M.**; Haj Ali, D.; Coricovac, D.-E.; Dehelean, C.A. *Differential Regulation of Angiogenesis-Related Genes by Melissa officinalis Extracts in the Chick Chorioallantoic Membrane Model*. Poster presented at the Summer School and International Symposium "Smart Sample Preparation: The Heart of Green Analytical, Food and Environmental Chemistry", CEEPUS Network RS-1816-03-2526, Blagoevgrad, Bulgaria, 2026. <https://pmf.swu.bg/images/1novini/Book%20of%20abstracts%20for%20publish%2003-09-2026.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>
- 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>

National-de-Farmacie-2025.pdf

- **Cristea, A.M.**; Smeu, A.; Drăghici, G.A.; Antal, D.S.; Dehelean, C.A. *In Vitro Study on the Cytotoxic Effects of Eriobotrya japonica Aqueous Leaf Extract on A-431 Skin Cancer Cells. Toxicol. Lett.* 2025, 411 (Suppl.), S429, P32-15. <https://doi.org/10.1016/j.toxlet.2025.07.989> (EUROTOX 2025)
- Draghici, G.A.; Nica, D.; **Cristea, A.**; Moaca, A.; Dehelean, C.; Negruțiu, M.-L.; Sinescu, C. *Molecular Detection of High-Risk HPV in Salivary Samples: A Pilot Study within the Cross-Border ORALERT 2025 Project. Toxicol. Lett.* 2025, 411 (Suppl.), S171–S172, P14-38. <https://doi.org/10.1016/j.toxlet.2025.07.415> (EUROTOX 2025)
- Draghici, G.A.; Nica, D.; **Cristea, A.**; Moaca, A.; Dehelean, C.; Negruțiu, M.-L.; Sinescu, C. *Molecular Detection of High-Risk HPV in Salivary Samples: A Pilot Study within the Cross-Border ORALERT 2025 Project. Toxicol. Lett.* 2025, 411 (Suppl.), S171–S172, P14-38. <https://doi.org/10.1016/j.toxlet.2025.07.415> (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>
- **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).10th German Pharm-Tox Summit 2025. <https://doi.org/10.1007/s00210-025-03881-x>
- **Cristea, A.M.**; Moacă, E.A.; Nica, D.V.; Dehelean, C.A.; Drăghici, G.A. *Prenatal Exposure to Inorganic Arsenic through Maternal Diet: Epigenetic Mechanisms and Transgenerational Health Effects*. Presented at the **9th FESTEM Conference “Trace Elements and Minerals in Environment, Medicine and Biology”**, Timișoara, Romania, 28–31 May 2025
- Drăghici, G.A.; **Cristea, A.M.**; Moacă, E.A.; Nica, D.V.; Dehelean, C.A. *Cadmium-Induced Epigenetic Alterations: Mechanisms and Implications for Human Health*. Presented at the **9th FESTEM Conference “Trace Elements and Minerals in Environment, Medicine and Biology”**, Timișoara, Romania, 28–31 May 2025.
- **Cristea, A.M.**; Dehelean, C.A.; Tchiakpe-Antal, D.S. Date recente despre potențialul antitumoral al frunzelor de Eriobotrya japonica. In *Facultatea de Farmacie – Șase Decenii de Inovație și Progres: Materialele Congresului al X-lea al Farmaciștilor din Republica Moldova cu Participare Internațională*; Chișinău, Republica Moldova, 22–23 November 2024; Imprint Star: Chișinău, 2024; pp. 365–367. ISBN 978-9975-3619-8-9. https://repository.usmf.md/bitstream/20.500.12710/30213/1/DATE_RECENTE_DESPRE_POTENTIALUL_ANTITUMORAL_AL_FRUNZELOR_DE_ERIBOTRYA_JAPONICA.pdf?utm_source=chatgpt.com
- **60th Congress of the European Societies of Toxicology (EUROTOX 2026)**, Vienna, Austria, 13–16 September 2026.
- **Advanced User Training – SCIEX 6500+ QTRAP Mass Spectrometer**, ANTISEL RO SRL, 2026.
- **Summer School and International Symposium “Smart Sample Preparation: The Heart of Green Analytical, Food and Environmental Chemistry”**, CEEPUS Network RS-1816-03-2526, Blagoevgrad, Bulgaria, 15–18 July 2026.
- **National Congress of Pharmacy**, Târgu Mureș, Romania, 2025.
- **CosMedical National Conference**, Timișoara, Romania, 24–25 October 2025.

Cursuri și Manifestări științifice

- **59th Congress of the European Societies of Toxicology (EUROTOX 2025)**, Athens, Greece, 14–17 September 2025.
- **9th FESTEM Conference “Trace Elements and Minerals in Environment, Medicine and Biology”**, Timișoara, Romania, 28–31 May 2025.
- **10th German Pharm-Tox Summit**, Hannover, Germany, 26–28 March 2025.
- **Advanced Course in Pharmacology and Clinical Pharmacology**, Hannover, Germany, 26 March 2025.
- **Erasmus Internship at the University of Calabria (Italy) – “Blended Mobility of Students – Calabria”, Project No. 2023-1-RO01-KA220-HED-000164767**, Calabria, Italy, 30 September–4 October 2024.
- **10th Congress of Pharmacists from the Republic of Moldova with International Participation**, Chișinău, Republic of Moldova, 22–23 November 2024.
- **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.
- **Volunteer Activity in Academic Development – Therapeutic Chemistry Discipline, “Victor Babeș” University of Medicine and Pharmacy Timișoara**, October 2021–July 2022.
- **DOCTOMED – Cod SMIS 350965**
Consolidarea educației doctorale și postdoctorale în domeniile medical, medico-dentar și farmaceutic prin formare avansată, cercetare și inovare, în cadrul unui parteneriat academic-clinic
Universitatea de Medicină și Farmacie „Victor Babeș” din Timișoara
Rol: Participant – student-doctorand

Proiecte de cercetare