

Curriculum Vitae

Cristina-Daniela Dumitrescu (Grosu)

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PROFESSIONAL EXPERIENCE

10/2023 – Present

University Assistant

Department II, Discipline of Toxicology, Drug Industry, Management and Legislation
Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy, Timișoara,
Romania

2020 – 2023

Specialist Pharmacist

Specialization: General Pharmacy

"Dr. Pius Brînzeu" Emergency County Hospital, Timișoara, Romania

1997 – 2020

Pharmacist

- OLIMPIAFARM, Timișoara

- SIEPCOFAR

EDUCATION AND TRAINING

2021 – Present

PhD Candidate – Pharmacy

"Victor Babeș" University of Medicine and Pharmacy, Timișoara, Romania

1992 – 1997

Bachelor's Degree – Pharmacist

Faculty of Pharmacy, "Victor Babeș" University of Medicine and Pharmacy, Timișoara,
Romania

1989 – 1992

High School Diploma (Baccalaureate)

Sanitary High School, Timișoara

PERSONAL SKILLS

Mother tongue(s): Romanian

Foreign language(s): English

Understanding: Listening – B2 | Reading – B2

Speaking: Spoken interaction – B2 | Spoken production – B2

Writing: B2

Levels: A1/A2 – Basic user; B1/B2 – Independent user; C1/C2 – Proficient user
Based on the Common European Framework of Reference for Languages (CEFR)

Communication skills

- Teamwork communication and interaction skills acquired during internship stages.
- Interdisciplinary collaboration skills acquired during scientific research projects.

Organizational/Managerial skills

- Organizational and leadership abilities developed during professional activity.

Digital skills – Self-assessment Grid

Information processing – Proficient user

Communication – Proficient user

Content creation – Proficient user

Safety – Proficient user

Problem solving – Proficient user

Excellent command of Microsoft Office™ tools (Word, Excel, PowerPoint, Access)

Driving License: B

List of Publications

I. Full-text articles published in ISI Web of Knowledge indexed journals

- Borozan F, Sas I, Blidisel A, Haj Ali D, Pasc A, Dumitrescu C, Minda D, Trandafirescu C, Dumitrel S, Ardelean S. *In vitro assessment of 17 β -ethinylestradiol and levonorgestrel on breast cancer MCF-7 and MDA-MB 231 cell lines*. FARMACIA, 2024, Vol. 72, 5. <https://doi.org/10.31925/farmacia.2024.5.16>
 - Grosu C, Jijie A-R, Manea HC, Moacă E-A, Iftode A, Minda D, Chioibaş R, Dehelean C-A, Vlad CS. *New Insights Concerning Phytophotodermatitis Induced by Phototoxic Plants*. Life. 2024; 14(8):1019. doi: 10.3390/life14081019
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II. Full-text articles published in ISI Web of Knowledge indexed journals

- Haj Ali D, Dumitrel S-I, Trandafirescu C, Manea HC, Lascu A, Dinu S, Macasoi I, Buzatu R, Szhuhanek C, Dumitrescu C, Olariu I. *In vitro and in ovo comparative toxicological assessment of self-assembling peptide-based dental repair agents*

- Moise G, Geamantan-Sîrbu A, Vlad CS, Vlad D, Dumitrescu C, Sima L. *Quercetin enhances the anti-tumor activity of doxorubicin in IMR-32 neuroblastoma cells*. FARMACIA, 2024, Vol. 72, 4. doi: 10.31925/farmacia.2024.4.6
 - Zakzak K, Vlaia L, Semenescu AD*, Dumitrescu C, Coneac G, Kis AM, Moacă A, Vlaia V, Iurciuc S, Ștefănescu EH. *In vitro study of topical caffeine and ascorbyl magnesium phosphate formulations – preparation, physicochemical characterization and pharmaco-toxicological assessment*. FARMACIA, 2024, Vol. 72, 2. doi: 10.31925/farmacia.2024.2.16
 - Dolghi A, Coricovac D, Dinu S, Pinzaru I, Dehelean CA, Grosu C, Chioran D, Merghes PE, Sarau CA. *Chemical and Antimicrobial Characterization of Mentha piperita L. and Rosmarinus officinalis L. Essential Oils and In Vitro Potential Cytotoxic Effect in Human Colorectal Carcinoma Cells*. Molecules. 2022 Sep 19;27(18):6106. doi: 10.3390/molecules27186106
 - Bociort F, Macasoi IG, Marcovici I, Motoc A, Grosu C, Pinzaru I, Petean C, Avram S, Dehelean CA. *Investigation of Lupeol as Anti-Melanoma Agent: An In Vitro-In Ovo Perspective*. Curr Oncol. 2021 Dec 2;28(6):5054-5066. doi: 10.3390/curroncol28060425
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III. Full-text articles published in CNCSIS B/B+ (BDI) indexed journals

- Rednic R, Semenescu AD*, Bociort F, Grosu C, Kiș A, Tomescu MC. *A detailed study on the antitumor effects of consecrated drugs – digoxin and labetalol*. Medicine in Evolution, Vol. XXVIII, 4, 2022, ISSN 2065-376X
 - Cristina Grosu (Dumitrescu), Mihai Neagu, Andreea Smeu, Andreea-Maria Cristea, Eugen Boia, Lavinia Vlaia. *The Association Between Fisetin and Rutin Triggers an Enhanced Cytotoxicity in A431 and A375 Skin Cancer Cells*. Medicine in Evolution, No. 3, 2025
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IV. Abstracts published in ISI Web of Knowledge indexed journals

- Semenescu AD, Moacă EA, Watz C, Anton A, Geamantan A, Kis AM, Dumitrescu C, Chioibaș R, Dehelean CA. *Phytochemical characterization and in vitro assessment of Galium mollugo L. extract on murine melanoma cells*. Abstracts of the 58th Congress of the European Societies of Toxicology (EUROTOX 2024) – *TOXICOLOGY: A QUEST FOR SAFER CHEMICALS AND MEDICINES*. Copenhagen, Denmark, 8–11 September 2024
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V. Scientific Presentations at National and International Conferences

- Semenescu AD, Moacă EA, Watz C, Anton A, Geamantan A, Kis AM, Dumitrescu C, Chioibaș R, Dehelean CA. *Phytochemical characterization and in vitro assessment of Galium mollugo L. extract on murine melanoma cells*. Presented at the 58th Congress

of the European Societies of Toxicology (EUROTOX 2024), Copenhagen, Denmark,
8–11 September 2024

VI. Research Projects and Grants

- **ERASMUS KA220-HED Project:** *Cooperation partnerships in higher education*,
Contract no. 2022-1-R001-KA220-HED000088958, University of Osijek, Croatia