



Stefania-Irina Dumitrel

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WORK EXPERIENCE

2025 – CURRENT University of Medicine and Pharmacy "Victor Babes", Faculty of Pharmacy, Timisoara, Romania
ASSISTANT PROFESSOR

EDUCATION AND TRAINING

2024 – CURRENT University of Medicine and Pharmacy "Victor Babes" Timisoara, Romania
PHD STUDENT

2024 University of Medicine and Pharmacy "Victor Babes", Faculty of Pharmacy, Timisoara, Romania
MASTER - PHARMACOVIGILANCE AND MONITORING OF CLINICAL TRIALS

2015 – 2019 National College "Ion Minulescu", Slatina, Romania
GRADUATE

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Microsoft Office | Microsoft Word | Microsoft Powerpoint | Microsoft Excel | GraphPad Prism | BioRender (Scientific illustrations) | Gen5 for Microplate Reading & Data Analysis Software

CONFERENCES AND SEMINARS

15/04/2024 – 19/04/2024 Nitra, Slovakia
Erasmus+ Programme KA220-HED, INNO-SAFE-LIFE, project no. 2023-1-RO01

29/11/2024 Timisoara, Romania
FELASA Workshop on Severity Classification and Reporting under EU Directive 2010/63/EU

25/03/2025 – 28/03/2025 Hannover, Germany
10th German Pharm-Tox Summit

PUBLICATIONS

New Insights Regarding the Use of Relevant Synthetic Compounds in Dentistry

Stefania-Irina Dumitrel, Anamaria Matichescu, Stefania Dinu, Roxana Buzatu, Ramona Popovici, Dorin Cristian Dinu, Dana Cristina Bratu. *Molecules*, 2024, 29(16), 3802.

New Perspectives about Relevant Natural Compounds for Current Dentistry Research

Stefania Dinu, Stefania-Irina Dumitrel, Roxana Buzatu, Dorin Cristian Dinu, Ramona Popovici, Camelia Szuhaneck, Anamaria Matichescu. *Life*, 2024, 14(8), 951.

IN VITRO ASSESSMENT OF 17 β -ETHINYLESTRADIOL AND LEVONORGESTREL ON BREAST CANCER MCF-7 AND MDA-MB 231 CELL LINES

FLORINA BOROZAN, IOAN SAS, ALEXANDRU BLIDISEL, DIANA HAJ ALI, AIDA PASC, CRISTINA DUMITRESCU, DALIANA MINDA, CRISTINA TRANDAFIRESCU, STEFANIA DUMITREL, SIMONA ARDELEAN. *FARMACIA*, 2024, 72, 5.

Flavonoids and Flavonoid-Based Nanopharmaceuticals as Promising Therapeutic Strategies for Colorectal Cancer—An Updated Literature Review

Andreea Smeu, Iasmina Marcovici, Cristina Adriana Dehelean, Stefania-Irina Dumitrel, Claudia Borza, Rodica Lighezan. *Pharmaceuticals*, 2025, 18(2), 231.

QUERCETIN-BIOSAFETY SCREENING FOR FUTURE APPLICATIONS IN THE DENTAL FIELD: AN IN VITRO AND IN OVO INVESTIGATION

HORAȚIU CRISTIAN MANEA, IUSTIN OLARIU, IASMINA-ALEXANDRA PREDESCU, STEFANIA-IRINA DUMITREL, ANDREEA KIS, ALINA HEGHEȘ, CAMELIA SZUHANEC, RAMONA POPOVICI, ALINA JOJIC, GRATIANA RUSE, ROXANA BUZATU, STEFANIA DINU. *FARMACIA*, 2025, 73, 1.

IN VITRO AND IN OVO COMPARATIVE TOXICOLOGICAL ASSESSMENT OF SELF-ASSEMBLING PEPTIDE-BASED DENTAL REPAIR AGENTS

DIANA HAJ ALI, STEFANIA-IRINA DUMITREL, CRISTINA TRANDAFIRESCU, HORATIU CRISTIAN MANEA, ANA LASCU, STEFANIA DINU, IOANA MACASOI, ROXANA BUZATU, CAMELIA SZUHANEC, CRISTINA DUMITRESCU, IUSTIN OLARIU. *FARMACIA*, 2024, 72, 6.