

## PERSONAL INFORMATION

Cotan (Muț) Ana Maria

## BUSINESS OR SECTOR

Assistant Professor

Pharmaceutical Technology Department, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy/ Teaching activity with the students of the Faculty of Pharmacy, Scientific research activity, Activity of elaboration and publication of scientific papers

## WORK EXPERIENCE

Jan. 2021 – Dec. 2023

Resident pharmacist

"Dr. Gavril Curteanu" Municipal Hospital, Oradea, Romania

- Specialisation program: Pharmaceutical Laboratory

Business or sector Health, Medical and Drug Analyses Laboratory

Sept. 2016 - present

Assistant Professor

"Victor Babes" University of Medicine and Pharmacy, Faculty of Pharmacy, Pharmaceutical Technology Department, Eftimie Murgu Square no. 2, 300041, Timișoara, Timiș, Romania, <https://www.umft.ro/>

Teaching and professional activity:

- Teaching Pharmaceutical Technology laboratory classes and evaluation activities for 3<sup>rd</sup> year students (1<sup>st</sup> and 2<sup>nd</sup> semester) and 4<sup>th</sup> year students (1<sup>st</sup> and 2<sup>nd</sup> semester), Faculty of Pharmacy, specialisation Pharmacy;
- Teaching Technology of cosmetic and pharmaceutical products laboratory classes and evaluation activities for 2<sup>nd</sup> year students (1<sup>st</sup> and 2<sup>nd</sup> semester), Medical Cosmetics and technology of cosmetic products programme, Faculty of Pharmacy;
- Advising thesis of 5<sup>th</sup> year students, specialisation Pharmacy, Faculty of Pharmacy;
- Teaching courses and practice activities in Postgraduate training courses and evaluation activities for pharmacists, resident/specialist/senior pharmacists, PhD students, PhD in Pharmacy, Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timișoara.

Scientific research activity:

- Pharmacotechnical studies regarding the development of some topical liquid and semisolid conventional and modern dosage forms, containing micro- and nanoparticulates carriers loaded with drugs from different therapeutical classes;
- Studies regarding approaches of water solubility enhancement of some poorly hydrosoluble drugs (NSAIDs, antimycotics, anesthetics).

Business or sector Teaching, professional and scientific research activity

Sept. 2013 - Sept. 2016

Assistant Professor (external)

"Victor Babes" University of Medicine and Pharmacy, Faculty of Pharmacy, Pharmaceutical Technology Department, Eftimie Murgu Square no. 2, 300041, Timișoara, Timiș, Romania, <https://www.umft.ro/>

Teaching and professional activity:

- Teaching Bases of Pharmaceutical Technology laboratory classes and evaluation activities for 2<sup>nd</sup> year students (1<sup>st</sup> and 2<sup>nd</sup> semester), Faculty of Pharmacy, specialisation Pharmaceutical Technicians.

Business or sector Teaching, professional and scientific research activity

June 2013 - Dec. 2021

Pharmacist

SC Vileus Med Com SRL

- Storage and dispensing of drugs in public pharmacy; providing information and advices on the dispensed medications.

Jan. 2013 – Dec. 2015

Business or sector Pharmaceutical activity/services, Community Pharmacy

### Resident pharmacist

Municipal Clinical Emergency Hospital, Timișoara, Timiș, Romania, <https://www.spitalul-municipal-timisoara.ro/>.

- Specialisation program: Clinical Pharmacy

Oct. 2011 - June 2013

Business or sector Health, Community and Hospital Pharmacy

### Pharmacist

SC Hygeia SRL

- Storage and dispensing of drugs in public pharmacy; providing information and advices on the dispensed medications.

Business or sector Pharmaceutical activity/services, Community Pharmacy

## EDUCATION AND TRAINING

Feb. 2024

### Trainer - Certificate of completion of advanced training program

Centrul de Formare APSAP, Str. Turturelelor, nr. 62, sector 3, București, Romania

- Specialisation: Trainer cod COR 242401 (according to Certificate of completion Seria P No. 0023789/09.02.2024)

Ian. 2021 – Dec. 2023

### Resident in Pharmaceutical Laboratory specialisation

"Dr. Gavril Curteanu" Municipal Hospital, Oradea, Romania

- Disciplines: According to training curriculum for specialisation in Pharmaceutical Laboratory

Sept. 2016 – Sept. 2017

### Specialisation - Certificate of graduation I and II levels of Teacher Training Department

West University of Timisoara, Timiș, Romania

- Training program coordinated by the Department for Teacher Training. Studied disciplines: Teenagers', young people's and adults' psycho-pedagogy, Educational program design and management, Didactics of the field and developments in the didactics of the specialty (high-school, post-high-school, university), Teaching practice (in the compulsory pre-academic, academic education), Educational communication, Sociology of education.

Sept. 2013 – Mar. 2018

### Doctorate - Degree of Doctor in Pharmacy by the Order of the Minister of National Education no. 5474/14.11.2018

"Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy, Traian Vuia Street no. 6, sector 2, Bucharest, Romania

- PhD in Pharmaceutical Sciences, Pharmaceutical Technology discipline, PhD thesis title " Chitosan-based drug delivery systems for topical applications ", doctoral advisor: Professor Dumitru Lupuleasa, PhD.

Ian. 2015 - Iul. 2023

### Senior pharmacist - Certificate of Senior Pharmacist, Clinical Pharmacy Specialty

"Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy, Traian Vuia street no. 6, sector 2, Bucharest, Romania

- Specialisation in Clinical Pharmacy (according to the Order of the Minister of Health no. 2911/28.08.2023)

Ian. 2013 – Dec. 2015

### Specialist Pharmacist, Clinical Pharmacy speciality/by the order of the Minister of Health no. 1/2016

Specialist Pharmacist Certificate no. 27540/04.01.2016

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

- Specialisation in Clinical Pharmacy

Oct. 2011 – Sept. 2012

**Graduation diploma of Master Program “Pharmacotherapy management in the elderly”**

“Victor Babeș” University of Medicine and Pharmacy, Timișoara, Timiș, Romania

- Disciplines: Physiological and Pathological Aging, Pharmacotherapy Characteristics in Elderly, Iatrogenic Pathology in Aged People, Dosage Forms Specific to People of the Third Age, Phytotherapeutics, Nutrition Guidelines for Older People, Pharmacotherapeutic Strategies in Older People with Internal Disorders, Pharmacotherapy of Aging-related Neuropsychiatric Disorders, Pharmacotherapy of Endocrine and Metabolic Diseases in Geriatric Population, pain Management in Elder People, Pharmacotherapy of Dermatological Conditions of the Elderly, Therapeutic Counselling of Elder People.

Oct. 2006 - Sept. 2011

**Pharmacist - Bachelor's degree in Pharmacy**

“Victor Babeș” University of Medicine and Pharmacy, Timișoara, Timiș, Romania

- Fundamental disciplines: Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Botanical Pharmaceutics, Mathematics and Biostatistics. Specialty disciplines: Pharmaceutical Technology, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy, Biochemistry, Drug Analysis, Drug Industry, Sanitary Chemistry, Toxicology, Pharmaceutical Marketing and Management.

**PERSONAL SKILLS**
**Mother tongue(s)** Romanian

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

**Communication skills**

- Good communication skills, adaptability, flexibility, ability to work in a team, acquired following the professional activity carried out from 2011 until now.

**Job-related skills**

- Good knowledge of the formulation, preparation and physicochemical and pharmacotechnical evaluation of conventional (solutions, emulsions, suspensions and semi-solid preparations) and modern (micro- and nano-emulsions, multiple emulsions and other surfactant-based systems) pharmaceutical forms for topical application.
- Skill in setting up and using equipment and apparatus used in the preparation and quality assessment of pharmaceutical forms.
- Good knowledge of teaching and research in the field of Pharmaceutical Technology.

**Computer skills**

A good command of Microsoft Office tools (Word, Excel and PowerPoint) and HAAKE RheoWin 4.3, specialized data analysis software (Statistics) and graphics software (Paint, Corel Draw), acquired through teaching and research conducted to date.

**Driving licence**

- B category

**ADDITIONAL INFORMATION**

- Publications** 8 papers published in full in ISI-rated journals, 3 nationally awarded scientific papers, 16 posters at international scientific events, 21 posters at national scientific events, 4 nationally awarded papers, 1 nationally awarded patent
- Project** Innovative Hydrogels Based on Polymeric as Release Systems for Oregano Essential Oil: An Advanced Pharmaceutical Approach to Skin Papilloma Management - PN-III-P1-1.1-TE-2019-0130 – Contract: TE 47/ 2020 – project responsible;
- Patent** Patent no. 130963 / 26.02.2021, Holder: UMFVBT, Title: Medicated composition with propranolol hydrochloride and eucalyptol for the topical treatment of infantile hemangiomas. Inventors: Vlaia Lavinia-Lia, Olariu Ioana-Viorica, Coneac Georgeta-Hermina, Lupuliasa Dumitru, Vlaia Vicențiu, **Muț Ana-Maria**.
- Memberships** Member of the College of Pharmacists of Romania  
Member of the Pharmaceutical Society Sciences of Romania  
Member of the Romanian Society for the History of Pharmacy

## SUMMARY OF SCIENTIFIC AND TEACHING ACTIVITY 2011-2024

- Scientific papers published *in extenso* - 14 (13 scientific papers published *in extenso* in ISI Web of Science indexed journals with impact factor, 1 scientific paper published in CNCSIS journals and BDI indexed journals).
- Studies presented at national and international scientific events in the form of guest lectures, oral presentations and posters - 42.
- Patent - 1.
- Grants / projects won through competition – Project responsible (1) - Innovative hydrogels based on polymeric micelles as delivery systems for oregano essential oil: an advanced pharmaceutical approach for the management of cutaneous papillomas - PN-III-P1-1.1-TE-2019-0130 – Contract: TE 47/ 2020.
- Recognition and impact of activity:
  - Awards:
    - 4 scientific papers awarded at national level
    - 1 patent awarded at various Salons of Inventions and Innovations