

PERSONAL INFORMATION

Vlaia Lavinia Lia

BUSINESS OR SECTOR

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, Advising doctorate, Activity of elaboration and publication of scientific papers

WORK EXPERIENCE

2015 - present

Elected member of the Board of the Department II of the Faculty of Pharmacy

2003 - present

Elected member of the Faculty Council of the Faculty of Pharmacy

2011 - 2015

Head of Department II of the Faculty of Pharmacy, "Victor Babes" University of Medicine and Pharmacy Timișoara

Feb. 2021 - present

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:

- Organizing and teaching Pharmaceutical Technology course and laboratory classes and evaluation activities for 3rd year students (1st and 2nd semester) and 4th year students (1st and 2nd semester), specialisation Pharmacy, Faculty of Pharmacy;
- Advising thesis of 5th year students, specialisation Pharmacy, Faculty of Pharmacy;
- Organizing and teaching *Modern pharmaceutical dosage forms for cutaneous use* course and laboratory classes and evaluation activities for master's students (2nd semester), *Formulation and evaluation of the dermato-cosmetic product* Master Programme, Faculty of Pharmacy;
- Organizing and teaching *Modern pharmaceutical dosage forms of OTCs conditioning* course and laboratory classes and evaluation activities for master's students (2nd semester), *OTC drugs, dietary supplements, cosmetics* Master Programme, Faculty of Pharmacy;
- Advising master's thesis of master students, *Formulation and evaluation of the dermato-cosmetic product* Master Programme and *OTC drugs, dietary supplements, cosmetics* Master Programme, Faculty of Pharmacy;
- Organizing and 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 Babeș" University of Medicine and Pharmacy Timișoara;
- Lecturer, moderator, speaker of the conferences organized by Pharma Forum, Prevenția 360⁺⁵, Alliance Healthcare Romania.

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. 2016 - Feb. 2021

Associate 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:

- Organizing and teaching Pharmaceutical Technology course and laboratory classes and evaluation activities for 3rd year students (1st and 2nd semester) and 4th year students (1st and 2nd semester), specialisation Pharmacy, Faculty of Pharmacy;

- Organizing and teaching Biopharmaceutics and Pharmacokinetics course and laboratory classes and evaluation activities for 5th year students (2nd semester) (2016-2017), specialisation Pharmacy, Faculty of Pharmacy;
 - Advising thesis of 5th year students, specialisation Pharmacy, Faculty of Pharmacy;
 - Organizing and teaching *Modern pharmaceutical dosage forms for cutaneous use* course and laboratory classes and evaluation activities for master's students (2nd semester), *Formulation and evaluation of the dermato-cosmetic product* Master Programme, Faculty of Pharmacy;
 - Organizing and teaching *Modern pharmaceutical dosage forms of OTCs conditioning* course and laboratory classes and evaluation activities for master's students (1st semester), *OTC drugs, dietary supplements, cosmetics* Master Programme, Faculty of Pharmacy;
 - Advising master's thesis of master students, *Formulation and evaluation of the dermato-cosmetic product* Master Programme and *OTC drugs, dietary supplements, cosmetics* Master Programme, Faculty of Pharmacy;
 - Organizing and 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 Babeş" University of Medicine and Pharmacy Timișoara;
 - Lecturer, moderator, speaker of the conferences organized by Pharma Forum, Prevenția 360⁺⁵, Alliance Healthcare Romania.
- 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).
 - Molecular modeling, QSAR, QSPR, QSTR studies. Development of QSAR models using MLR and PLS methods.

Business or sector Teaching, professional and scientific research activity

Mar. 2002 - Sept. 2016

Lecturer

"Victor Babeş" 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:

- Organizing and teaching Pharmaceutical Technology course and laboratory classes and evaluation activities for 3rd year students (1st and 2nd semester) and 4th year students (1st and 2nd semester), specialisation Pharmacy, Faculty of Pharmacy;
 - Organizing and teaching Pharmaceutical Technology course class and evaluation activities for 2nd year students (1st and 2nd semester), Faculty of Pharmacy, specialisation Pharmaceutical Technicians;
 - Organizing and teaching Biopharmaceutics and Pharmacokinetics course and laboratory classes and evaluation activities for 3rd year students (1st semester), Faculty of Pharmacy, specialisation Pharmacy;
 - Organizing and teaching Introduction to Pharmaceutics course class and evaluation activities for 1st year students (2nd semester), Faculty of Pharmacy, specialisation Pharmacy;
 - Organizing and teaching Pharmaceutical terminology course class and evaluation activities for 2nd year students (2nd semester), specialisation Pharmacy, Faculty of Pharmacy;
 - Advising thesis of 5th year students, specialisation Pharmacy, Faculty of Pharmacy;
 - Organizing and 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 Babeş" University of Medicine and Pharmacy Timișoara.
 - Lecturer, moderator, speaker of the conferences organized by Pharma Forum.
- Scientific research activity:
- Pharmacotechnical studies regarding the development of some topical liquid and semisolid conventional and modern dosage forms (multiple emulsions and hydrogels);
 - Studies regarding approaches of water solubility enhancement of some poorly hydrosoluble drugs (NSAIDs, antimycotics, anesthetics).
 - Molecular modelling, QSAR, QSPR, QSTR studies. Development of QSAR models using MLR and PLS methods.

Business or sector Teaching, professional and scientific research activity

Mar. 1998 - Feb. 2002

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 activity:

- Teaching Pharmaceutical Technology laboratory classes and evaluation activities for 3rd year students (1st and 2nd semester) and 4th year students (1st and 2nd semester), specialisation Pharmacy, Faculty of Pharmacy;
- Teaching Advanced Pharmaceutical Sciences seminar classes and evaluation activities for 5th year students (2nd semester), specialisation Pharmacy, Faculty of Pharmacy.

Research activity:

- pharmacotechnical studies of multiple emulsions;
- studies regarding approaches of water solubility enhancement of some poorly hydrosoluble nonsteroidal antiinflammatory drugs (i.e. piroxicam).

Business or sector Teaching, professional and scientific research activity

Mar. 1995 - Feb. 1998

Associate Instructor

“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 activity:

- Teaching Pharmaceutical Technology laboratory classes and evaluation activities for 3rd year students (1st and 2nd semester) and 4th year students (1st and 2nd semester), specialisation Pharmacy, Faculty of Pharmacy;
- Teaching Advanced Pharmaceutical Sciences seminar classes and evaluation activities for 5th year students (2nd semester), specialisation Pharmacy, Faculty of Pharmacy.

Business or sector Teaching, professional and scientific research activity

July 2015 - July 2018

Resident pharmacist

“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/>

- Specialisation program: Clinical Pharmacy

Business or sector Health, Community and Hospital Pharmacy

Mar. 1995 - Dec. 1997

Resident pharmacist

“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/>

- Specialisation program: General Pharmacy

Business or sector Pharmaceutical activity, Community Pharmacy

Mar. 2003 - prezent

Chief pharmacist

S.C. Tehnofarm Antoniu S.R.L., Calea Bogdăneștilor no. 4, Timișoara, Timis, Romania.

- Coordinating pharmacy activities in line with current legislation and regulations, monitoring the responsibilities of subordinate staff, ensuring the pharmacy provision with pharmaceuticals, centralizing of prescriptions, ensuring collaboration with medical prescribers, patient counseling, training subordinate staff, evaluating subordinates.

Business or sector Pharmaceutical activity/services, Community Pharmacy

Mar. 1995 - Sept. 2004

Pharmacist

S.C. Remedia S.R.L., B-dul Revoluției din 1989, nr. 11, Timișoara, Romania

- Preparation, quality control, storage and dispensing of drugs in community pharmacy; providing informations and advices to patients regarding the dispensed medications.

Business or sector Pharmaceutical activity/services, Community Pharmacy

 EDUCATION AND TRAINING

- Nov. 2020 **Specialist pharmacist - Specialist pharmacist certificate, 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. 1863/11.03.2020)
- Nov. 2018 **Habilitation Certificate - The field of doctoral studies - Pharmacy**
 "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy, Traian Vuia street no. 6, sector 2, Bucharest, Romania
- Title of habilitation thesis: Contributions to the development of new pharmaceutical formulations for dermal application to increase dermal release and penetration of some drugs (Habilitation Certificate granted by the Order of the Minister of National Education no. 5486/11.14.2018)
- Sept. 2014 - July 2015 **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 (Graduation Certificate level I Serial X No. 0051151 and Graduation Certificate level II Serial X No. 0051285, granted by the Department for Teacher Training).
- Aug. 2004 **Senior pharmacist - Certificate of Senior Pharmacist, General pharmacy Specialty**
 "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy, Traian Vuia street no. 6, sector 2, Bucharest, Romania
- Specialisation in General pharmacy domain (according to the Order of the Minister of Health no. 1067/08.25.2004).
- Nov. 1997 - Feb. 2004 **Doctorate - Diploma of doctor**
 University of Medicine and Pharmacy Târgu-Mureș
- Doctor in Pharmaceutical sciences, Domain of Pharmacy, specialisation Pharmaceutical Technology; Title of doctoral thesis „Formulation and action evaluation of some H/L/H multiple emulsions containing piroxicam” (Doctorate Diploma granted by the Order of the Minister of Education and Research no. 4450/08.02.2004).
- Jan. 1998 **Specialist pharmacist - Certificate of Specialist pharmacist, General pharmacy Specialty**
 "Carol Davila" University of Medicine and Pharmacy, Faculty of Pharmacy, Traian Vuia street no. 6, sector 2, Bucharest, Romania
- Specialisation in the field of General Pharmacy (according to the Order of the Minister of Health no. 18/01.13.1998)
- Oct. 1989 - Jun. 1994 **License - Diploma of license in Pharmacy, Pharmacist**
 "Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania
- Specialisation of Pharmacy. 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 legislation, Pharmaceutical Management and Marketing.

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
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 teamwork,
 ▪ all acquired as a result of professional activity carried out from 1995 until now;
 The ability to argue the point of view in discussions, debates
 ▪ acquired by participating in various scientific events;
 Availability for continuous self-improvement.

Organisational / managerial skills

▪ Experience in coordinating the activity of groups of students (organization and coordination of student scientific circle developed within the discipline of Pharmaceutical Technology), organizational spirit (coordination of undergraduate student works - 93, dissertation works - 13; member of various specialty committees for filling posts or promotion; head of department 2011-2015).

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 and Biopharmaceutics.

Computer skills

Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™) and HAAKE RheoWin 4.3 software,
 ▪ gained through the teaching and research activity carried out so far.

Driving licence

▪ B category

ADDITIONAL INFORMATION

Memberships

The College of Pharmacists from Romania
 The Romanian Society of Pharmaceutical Sciences

Professional associations

Vice-President of the Romanian Society of Pharmaceutical Sciences (2015-2019)
 President of Timiș subsidiary (from 2003 to present)

SUMMARY OF SCIENTIFIC AND TEACHING ACTIVITY 1995-2021

- Specialty books and chapters in specialty books - 8/2
- Scientific papers published *in extenso* - 53 (38 scientific papers published *in extenso* in ISI Web of Science indexed journals with impact factor, 15 scientific papers 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 - 78, of which 13 papers published in summary in ISI-indexed international journals.
- Patent - 1.
- Grants / projects won through competition - Project manager (1), Member in national projects (6).

SUMMARY OF SCIENTIFIC AND
TEACHING ACTIVITY
1995-2021

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- Recognition and impact of activity:
 - ISI/BDI journals reviewer
 - Invited lectures to national and international scientific events
 - Awards:
 - 5 scientific papers awarded at national level
 - 1 specialty book awarded
 - 1 patent awarded at various Salons of Inventions and Innovations
 - Member of PhD Committees for the examination and public defence of the PhD thesis;
 - Member of admission and tutoring committees for doctoral studies;
 - Participation in Committees for examinations for undergraduate degree in Pharmacy, residency, competitive examinations/solving complaints for teaching and research/pharmacist posts in Pharmacy domain.