



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Vicențiu, VLAIA**

Address(es)

Telephone(s)

Mobile:

E-mail **vlaia@umft.ro**

Nationality **Romanian**

Date of birth

Gender **Male**

### Professional experience

**Dates** From September 2024 to present

Occupation or position held **Professor**

Main activities and responsibilities

Teaching and professional activity:

- at the discipline of Organic Chemistry, Faculty of Pharmacy: teaching course and laboratory classes, 2<sup>nd</sup> year (1<sup>st</sup> and 2<sup>nd</sup> semester) specialisation Pharmacy; teaching course and laboratory classes, 1<sup>st</sup> year (1<sup>st</sup> and 2<sup>nd</sup> semester) specialisation Pharmaceutical Assistants; evaluation activities for students.
- at the discipline of Technico-medical products, Faculty of Pharmacy: teaching course, 2<sup>nd</sup> year (2<sup>nd</sup> semester) specialisation Pharmacy: teaching course, 1<sup>st</sup> year (1<sup>st</sup> semester) specialisation Pharmaceutical Assistants; evaluation activities for students.

- Organizing and teaching *Prosthetic and parapharmaceutical materials and special purpose products* course and seminar classes and evaluation activities for master's 2<sup>nd</sup> year students (2<sup>nd</sup> semester), *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.

Scientific research activity:

- Molecular modeling. QSAR, QSPR, QSTR studies; Quantification of molecular structure by developing new molecular descriptors (topological indices, van der Waals steric descriptors); Development of QSAR models using multilinear regression (MLR) and PLS method; The synthesis of organic compounds used as intermediates in the obtaining of some drugs.

- Development of some modern pharmaceutical dosage forms intended for the treatment of non-malign cutaneous tumors, of infantile haemangiomas and of superficial fungal infections.

Name and address of employer "Victor Babeș" University of Medicine and Pharmacy, Faculty of Pharmacy, Organic Chemistry Department, Eftimie Murgu Square no. 2, 300041, Timișoara, Timiș, Romania

Type of business or sector Higher Medical and Pharmaceutical Education, and Research

**Dates** From September 2018 to present

Occupation or position held **Associate Professor**

Main activities and responsibilities

Teaching and professional activity:

- at the discipline of Organic Chemistry, Faculty of Pharmacy: teaching course and laboratory classes, 2<sup>nd</sup> year (1<sup>st</sup> and 2<sup>nd</sup> semester) specialisation Pharmacy; teaching course and laboratory classes, 1<sup>st</sup> year (1<sup>st</sup> and 2<sup>nd</sup> semester) specialisation Pharmaceutical Assistants; evaluation activities for students.
- at the discipline of Technico-medical products, Faculty of Pharmacy: teaching course, 2<sup>nd</sup> year (2<sup>nd</sup> semester) specialisation Pharmacy: teaching course, 1<sup>st</sup> year (1<sup>st</sup> semester) specialisation Pharmaceutical Assistants; evaluation activities for students.

- Organizing and teaching *Prosthetic and parapharmaceutical materials and special purpose products* course and seminar classes and evaluation activities for master's 2<sup>nd</sup> year students (2<sup>nd</sup> semester), *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.
	Scientific research activity:
	- Molecular modeling. QSAR, QSPR, QSTR studies; Quantification of molecular structure by developing new molecular descriptors (topological indices, van der Waals steric descriptors); Development of QSAR models using multilinear regression (MLR) and PLS method; The synthesis of organic compounds used as intermediates in the obtaining of some drugs.
	- Development of some modern pharmaceutical dosage forms intended for the treatment of non-malign cutaneous tumors, of infantile haemangiomas and of superficial fungal infections.
Name and address of employer	"Victor Babeş" University of Medicine and Pharmacy, Faculty of Pharmacy, Organic Chemistry Department, Eftimie Murgu Square no. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Higher Medical and Pharmaceutical Education, and Research
Dates	From March 2006 to September 2018
Occupation or position held	Assistant Professor
Main activities and responsibilities	Teaching and professional activity: - the discipline of Organic Chemistry, Faculty of Pharmacy: teaching course and laboratory classes, 2 <sup>nd</sup> year (1 <sup>st</sup> and 2 <sup>nd</sup> semester) specialisation Pharmacy; teaching course and laboratory classes, 1 <sup>st</sup> year (1 <sup>st</sup> and 2 <sup>nd</sup> semester) specialisation Pharmaceutical Assistants; evaluation activities for students. - the discipline of Technico-medical products, Faculty of Pharmacy: teaching course, 2 <sup>nd</sup> and 3 <sup>rd</sup> year (2 <sup>nd</sup> semester) specialisation Pharmacy: teaching course, 2 <sup>nd</sup> year (1 <sup>st</sup> semester) specialisation Pharmaceutical Assistants; evaluation activities for students. - Organizing and teaching <i>Prosthetic and parapharmaceutical materials and special purpose products</i> course and seminar classes and evaluation activities for master's 2 <sup>nd</sup> year students (2 <sup>nd</sup> semester), <i>OTC drugs, dietary supplements, cosmetics</i> 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. Scientific research activity: - Molecular modeling. QSAR, QSPR, QSTR studies; Quantification of molecular structure by developing new molecular descriptors (topological indices, van der Waals steric descriptors); Development of QSAR models using multilinear regression (MLR) and PLS method; - The synthesis of organic compounds used as intermediates in the obtaining of some drugs. - Development of some modern pharmaceutical dosage forms intended for the treatment of non-malign cutaneous tumors, of infantile haemangiomas and of superficial fungal infections.
Name and address of employer	"Victor Babeş" University of Medicine and Pharmacy, Faculty of Pharmacy, Organic Chemistry Department, Eftimie Murgu Square no. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Higher Medical and Pharmaceutical Education, and Research
Dates	From March 2002 to February 2006
Occupation or position held	University Assistant
Main activities and responsibilities	Teaching activities at: - the discipline of Analytical Chemistry, Faculty of Pharmacy, specialisation Pharmacy: teaching laboratory classes of Qualitative Analytical Chemistry, 1 <sup>st</sup> year and of Quantitative Analytical Chemistry 2 <sup>nd</sup> year; evaluation activities for students.
Name and address of employer	"Victor Babeş" University of Medicine and Pharmacy, Faculty of Pharmacy, Analytical Chemistry Department, Eftimie Murgu Square no. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Higher Medical and Pharmaceutical Education, and Research
Dates	From October 1999 to February 2002
Occupation or position held	Associate Instructor
Main activities and responsibilities	Teaching activities at: - the discipline of Toxicology, Faculty of Pharmacy, specialisation Pharmacy: teaching laboratory classes, 4 <sup>th</sup> year (1 <sup>st</sup> and 2 <sup>nd</sup> semester); evaluation activities for students.
Name and address of employer	"Victor Babeş" University of Medicine and Pharmacy, Faculty of Pharmacy, Eftimie Murgu Square no. 2, 300041, Timișoara, Timiș, Romania
Type of business or sector	Higher Medical and Pharmaceutical Education, and Research
Dates	From 2010 to present
Occupation or position held	Pharmacist - Person responsible for the quality of medicines

Main activities and responsibilities	Periodic verification of compliance with legal regulations, rules of good distribution practice and working procedures in the pharmaceutical warehouse, ensuring the implementation of pharmacovigilance activity, ensuring the implementation and maintenance of a quality management system.
Name and address of employer	S.C. FILDAS TRADING S.R.L, Romania.
Type of business or sector	Pharmaceutical services, pharmaceutical warehouse
<b>Dates</b>	From August 2004 to 2010
Occupation or position held	Head Pharmacist
Main activities and responsibilities	Coordinating pharmacy activities, 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.
Name and address of employer	S.C. Banatfarm SRL, Izvin, Timiș, Romania.
Type of business or sector	Pharmaceutical services, public pharmacy
<b>Education and training</b>	
<b>Dates</b>	From July 2010
Title of qualification awarded	Degree of Doctor in in Natural Sciences, Division of Chemical Sciences
Principal subjects/occupational skills covered	Field: Relationships between chemical structure and biological activity (QSAR), doctoral advisor Prof. univ. dr. Ludovic Kurunczi
Name and type of organisation providing education and training	Romanian Academy, Department of Chemical Sciences, Insitute of Chemistry Timisoara, Romania
Level in national or international classification	ISCED 6
<b>Dates</b>	From October 2012 to July 2013
Title of qualification awarded	Graduation diploma of Master Program "Pharmacotherapy management in the elderly"
Principal subjects/occupational skills covered	Disciplines: Physiological and Pathological Aging, Pharmacotherapy Characteristics in Elderly, Iatrogenic Pathology in Aged People, Dosage Forms Specific to People of the Third Age, Phyto geriatrics, Nutrition Guidelines for Older People, Pharmacotherapeutical Strategies in Older People with Internal Disorders, Pharmacotherapy of Aging-related Neuropsychiatric Disorders, Pharmacotherapy of Endocrine and Metabolic Diseases in Geratric Population, pain Management in Elder People, Pharmacotherapy of Dermatological Conditions of the Elderly, Therapeutic Counseling of Elder People.
Name and type of organisation providing education and training	"Victor Babeș" University of Medicine and Pharmacy, Timisoara, Romania
Level in national or international classification	ISCED 5
<b>Dates</b>	From July 2014 to present
Title of qualification awarded	Senior pharmacist, Pharmaceutical laboratory speciality by the Order of the Minister of Health no. 1124/2014
Principal subjects/occupational skills covered	Field: Pharmacy/ Pharmaceutical laboratory speciality
Name and type of organisation providing education and training	"Carol Davila" University of Medicine and Pharmacy, București, Romania
Level in national or international classification	ISCED 5
<b>Dates</b>	From October 1998 to September 2002
Title of qualification awarded	Pharmacist
Principal subjects/occupational skills covered	Fundamental Disciplines: Analytical Chemistry, Anorganic Chemistry, Organic Chemistry, Physical Chemistry, Botanical Pharmaceutics, Matematics and Biostatistics. Specialized Disciplines: Pharmaceutical Technology, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy, Biochemistry, Drug Analysis, Drug Industry, Sanitary Chemistry, Toxicology, Pharmaceutical Management and Marketing.
Name and type of organisation providing education and training	"Victor Babeș" University of Medicine and Pharmacy, Timișoara, Romania

**Dates** From October 1994 to June 1998

**Title of qualification awarded** Physico-chemist

**Principal subjects/occupational skills covered** Field: Physics, Faculty of Physics, Chemical-Physics specialization, Pedagogy Seminar

**Name and type of organisation providing education and training** West University of Timisoara, Timis, Romania

**Level in national or international classification** ISCED 5

### Personal skills and competences

**Mother tongue(s)** Romanian

**Other language(s)**

**Self-assessment**

*European level (\*)*

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(\*) Common European Framework of Reference for Languages

### Social skills and competences

Good communication skills, adaptability, flexibility, ability to teamwork, all acquired as a result of professional activity carried out from 1998 until now; availability for continuous self-improvement; the ability to argue the point of view in discussions, debates, acquired by participating in various scientific events.

### Organisational skills and competences

Experience in coordinating the activity of groups of students and organizational spirit (coordination of undergraduate student works, dissertation works; member of various specialty committees for filling posts or promotion).

### Technical skills and competences

Good knowledge of the theoretical and practical aspects of the chemistry of organic compounds in general and of organic compounds with medical / pharmaceutical applications in particular.  
Good knowledge of molecular modeling and specific QSAR, QSPR, QSTR methods (MLR and PLS), and of synthesis methods of organic compounds.  
Skill in setting up and using equipment and apparatus used in the organic chemistry domain, acquired by the research conducted in the field of Organic Chemistry.  
Good knowledge of teaching and research in the field of Organic Chemistry.

### Computer skills and competences

Good command of Windows, Microsoft Office <sup>TM</sup> (Word <sup>TM</sup>, Excel <sup>TM</sup> and PowerPoint <sup>TM</sup>), Linux, Corel Draw, HyperChem, Dragon, MobyDigs, STATISTICA, ChemWindow, SIMCA tools, gained through the teaching and research activity carried out so far.  
Programmer analyst

### Driving licence

Yes, B category.

### Additional information

#### Publications

- 3 specialty books,
- 4 chapters in specialty books, published abroad
- 3 guides of laboratory classes
- 57 scientific papers published *in extenso* (45 scientific papers in ISI indexed journals, 12 scientific papers published in CNCSIS journals and BDI indexed journals)
- 91 abstracts, published abroad (34) and in the country (57).
- 1 patent awarded at various Salons of Inventions and Innovations.

<b>Projects</b>	<ol style="list-style-type: none"> <li>1. Contract CEEEX-2-Modul I, <i>Modern technology for obtaining pyrazin 2,3 dicarboxylic acid, intermediate in the synthesis of some drugs</i>, 2006-2008 - member of the research team.</li> <li>2. Contract innovation program – partner 69/2007, <i>Development of a phytopharmaceutical product for adjuvant therapy and prevention of mammary tumor</i>, 2007-2010 - member of the research team.</li> <li>3. Contract CNCSIS-AT-173, <i>Development of bioproducts with triterpene compounds and cyclodextrins and their efficacy / harm analysis in cutaneous pathologies</i>, 2007 – 2009 - member of the research team.</li> <li>4. Contract PN2 71-172, <i>Microporous sensors with polyaniline functionalized with pendant groups, innovative material useful in the identifying and control of Parkinson disease</i>, 2008-2011 - member of the research team.</li> <li>5. Contract PN2 32-129, <i>The study of obtaining of some organic reactive carbonates with nucleofugic group, with applications in the synthesis of biologically active dipeptide</i>, 2008-2011 - member of the research team.</li> <li>6. Research project no.11450/01.10.2015, <i>Studies regarding the development of some topical gels with beta-blockers as modern, safe and effective means of treatment for infantile hemangiomas</i> - member of the research team</li> <li>7. Research project no. 1669/11.02.2016, <i>Studies regarding the development of some modern semisolid pharmaceutical preparations containing essential oils, intended for the treatment of cutaneous non-malignant tumors</i> - project manager</li> <li>8. Educational project "Improving medical education by increasing the quality of teaching activities in accordance with the implementation of ethics and academic integrity" (CNFIS-FDI-2019-0396, acronym EDUET), "Victor Babeş" University of Medicine and Pharmacy Timișoara - responsible for undergraduate program Faculty of Pharmacy</li> </ol>
<b>Patents</b>	Patent no. 130963/26.02.2021 (granted by the State Office for Inventions and Trademarks from Romania), <i>Medicated composition with propranolol hydrochloride and eucalyptol for the topical treatment of infantile hemangiomas</i> . Inventors: Vlaia Lavinia-Lia, Olariu Ioana-Viorica, Coneac Georgeta-Hermina, Lupuliasa Dumitru, <b>Vlaia Vicențiu</b> , Muț Ana-Maria.
<b>Memberships</b>	<p>Member of The College of Pharmacists from Romania;</p> <p>Member of Romanian Society of Pharmaceutical Sciences;</p> <p>Member of Romanian Chemical Society;</p> <p>Member of Romanian Society for the History of Pharmacy.</p>

I declare that the presented data are in accordance with reality.

Professor Vicențiu Vlaia