



Curriculum vitae Europass

Personal information

Name surname **HEGHEȘ Alina**

Desired employment / Occupational field

UMF „Victor Babeș” Timișoara, Faculty of Pharmacy

Professional experience

Period	2018 - present
Occupation or position held	Associate professor
Main activities and responsibilities	Carrying out classes and practical work related to the teaching position, attending exams as well as coordinating undergraduate work Conducting classes and seminars, as well as coordinating undergraduate work in the discipline of EU legislation on OTC Coordination of residency in Clinical Pharmacy specialization
Name and address of employer	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy, str. Eftimie Murgu, no. 2
Type of business or sector	Coordination of teaching activities with undergraduate students, as well as scientific research as a team member (technical expert)
Period	2014 - 2018
Occupation or position held	Lecturer
Main activities and responsibilities	Carrying out classes and practical work related to the teaching position, attending exams as well as coordinating undergraduate work UMF „Victor Babeș” Timișoara, Faculty of Pharmacy, str. Eftimie Murgu, no. 2
Name and address of employer	Coordination of teaching activities with undergraduate students, as well as scientific research as a team member (technical expert)
Type of business or sector	
Period	2000 - 2013
Occupation or position held	Assistant professor
Main activities and responsibilities	Carrying out classes and practical work related to the teaching position, attending exams as well as coordinating undergraduate work
Name and address of employer	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy, str. Eftimie Murgu, no. 2
Type of business or sector	Coordination of teaching activities with undergraduate students, as well as scientific research as a team member (technical expert)
Period	1997 - 1999
Occupation or position held	University preparator
Main activities and responsibilities	Carrying out the practical work related to the teaching position and assisting in exams
Name and address of employer	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy, str. Eftimie Murgu, no. 2
Type of business or sector	Coordination of teaching activities with undergraduate students, as well as scientific research as a team member (technical expert)

Education and Training

Period	1997 - 2005
Qualification / diploma obtained	Doctor's degree

The main disciplines studied / acquired professional competencies	Pharmaceutical Chemistry / Molecular Modeling of Compounds with Antibacterial and Antiviral Activity. Study of the qualitative relationships between the chemical structure of antibacterial / antiviral compounds and their biological activity. QSAR analysis of quinolone compounds with antibacterial and antiviral activity (especially by using the BAT parameter). Evaluation and theoretical design of new quinolone derivatives with predicted biological activity.
Name and type of educational institution / training provider	"Iuliu Hațieganu" University of Medicine and Pharmacy Cluj-Napoca
Level in national or international classification	Doctor of Pharmacy
Period	2008 - present
Qualification / diploma obtained	Primary pharmacist
The main disciplines studied / acquired professional competencies	Pharmacology, Pharmaceutical Technology, Biochemistry, Pharmaceutical Chemistry / Assisted the hospital medical act in the administration of certain pharmaceutical forms
Name and type of educational institution / training provider	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy
Level in national or international classification	Primary Pharmacist specializing in Clinical Pharmacy
Period	1999 - 2008
Qualification / diploma obtained	Specialist pharmacist
The main disciplines studied / acquired professional competencies	Pharmacology, Pharmaceutical Technology, Biochemistry, Pharmaceutical Chemistry / Advice for patients in closed and open circuit pharmacies on how to administer and possible side effects of medicines
Name and type of educational institution / training provider	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy
Level in national or international classification	Specialist pharmacist
Period	1997 - 1999
Qualification / diploma obtained	Resident pharmacist
The main disciplines studied / acquired professional competencies	Pharmacognosy, Pathology, Pharmacology, Pharmaceutical Technology, Biochemistry, Pharmaceutical Chemistry / Carrying out laboratory tests on the basis of which to issue recommendations on the administration of pharmaceutical forms, as well as their association with the avoidance of possible interactions.
Name and type of educational institution / training provider	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy
Level in national or international classification	Resident pharmacist
Period	2012 - 2013
Qualification / diploma obtained	Master / Diploma of Advanced Studies
The main disciplines studied / acquired professional competencies	Geriatric Anatomy and Pathology, Pharmacology, Pharmacognosy, Pharmaceutical Engineering, Pharmaceutical Chemistry / Advice for the Elderly on how to administer and possible drug interactions
Name and type of educational institution / training provider	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy
Level in national or international classification	Postgraduate studies
Period	2000 - 2001
Qualification / diploma obtained	Master / Diploma of Advanced Studies
The main disciplines studied / acquired professional competencies	Gene mapping method, Physiological stress in <i>in vitro</i> cultures , Gene transfer technology in plants / Laboratory activities on <i>in vitro</i> plant propagation and genetic manipulation in various agricultural and horticultural species
Name and type of educational institution / training provider	Banat University of Agricultural Sciences and Veterinary Medicine from Timișoara, Faculty of Horticulture, Specialization Biotechnology and plant genetic engineering
Level in national or international classification	Postgraduate studies

Period	1998 – 2000
Qualification / diploma obtained	Student / Bachelor's Degree
The main disciplines studied / acquired professional competencies	Genetics and Evolutionism, Comparative Anatomy, Microbiology, Histology and Embryology, Invertebrate Zoology, Plant Physiology / Teaching and laboratory activities in the field of biology
Name and type of educational institution / training provider	Banat University of Agricultural Sciences and Veterinary Medicine from Timișoara, Faculty of Agriculture, Biology - Agricultural Sciences Specialization
Level in national or international classification	Degree in Biology - Agricultural Sciences
Period	1991 - 1996
Qualification / diploma obtained	Student / Bachelor's Degree
The main disciplines studied / acquired professional competencies	Pharmaceutical Chemistry, Pharmaceutical Technology, Pharmacodynamics / Laboratory activities regarding the preparation / manufacture of medicines as well as ensuring the quality and preservation conditions
Name and type of educational institution / training provider	UMF „Victor Babeș” Timișoara, Faculty of Pharmacy
Level in national or international classification	Bachelor of Pharmacy

Personal skills and competences

Language (s) default (s) Romania

Known foreign language (s)

self

European level (*)

French

Understanding		Speaking				Writing			
Listening		Reading		Join the conversation		Oral speech		written expression	
B2	independent user	B1	independent user	B2	independent user	B1	independent user	B1	independent user

(*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Social skills and competences

- ☑ Communication at the level of the university environment and at the level of any environment;
- ☑ Qualities and skills to easily establish and cultivate personal relationships and to be a pleasant interlocutor;
- ☑ Knowledge of general culture, ability to relate and self-control;
- ☑ Spontaneity in action and adaptability to new situations;
- ☑ Ability to work in a team, willingness to work overtime, responsibility, sincerity and seriousness.

Organisational skills and competences

- ☑ Coordinating students' activities for practical work and undergraduate work. These skills were acquired during the pedagogical module, carried out during the undergraduate study program and during the 15 years of activity within the Faculty of Pharmacy.

Technical skills and competences

- Use of certain types of technical equipment and laboratory equipment.

Computer skills and competences

- Using your computer (Word, Excel, PowerPoint, Visio) and the Internet

Social skills and competences

- ☑ Communication at the level of the university environment and at the level of any environment;
- ☑ Qualities and skills to easily establish and cultivate personal relationships and to be a pleasant interlocutor;
- ☑ Knowledge of general culture, ability to relate and self-control;
- ☑ Spontaneity in action and adaptability to new situations;
- ☑ Ability to work in a team, willingness to work overtime, responsibility, sincerity and seriousness.

Artistic skills and competences -

7 The didactic and research activity carried out at the Pharmaceutical Technology Discipline within the Faculty of Pharmacy of the "Victor Babeş" University of Medicine and Pharmacy from Timișoara can be structured as follows:

- published books: 2;
- publications published abroad: 5;
- publications published in ISI-listed volumes: 12;
- publications published in BDI quoted volumes: 20;
- papers published in the country (listed B, B + and C): 20;
- articles in specialized magazines: 16;
- member of the research team of the contract HURO / 0801/143 within the Hungary-Romania

Cross-Border Cooperation Program 2007-2013;

- Certificate of participation in the First National Conference on Antimicrobial, Antifungal and Antiviral Chemotherapy, Iasi September 1999
- Certificate of participation in the Pharmacovigilance Course held within the Phare program on "Harmonization of legislation in the pharmaceutical sector" Cluj-Napoca April 2000
- Certificate of participation in the Symposium "News in pharmaceutical practice" in Oradea- Băile Felix, November 2-3, 2001
- Diploma of participation in the XII National Congress of Pharmacy, with international participation, Bucharest, October 17 - 19, 2002
- Certificate of participation in the Second National Antifungal and Antiviral Conference, Iasi, November 13-15, 2002
- Diploma of participation in Tim Medica "Medicine of the Third Millennium" Timisoara November 21-23, 2002
- Diploma for participation in the Symposium on *New Therapeutic Strategies - from theory to medical practice*, UMF Craiova Days XXXIV edition, June 4 - 5, 2004
- Diploma for participation in the Marisiensis Pharmaceutical Symposium, Tg. Mureș, October 7-9, 2004
- Certificate of participation in the 3rd National Conference of Antibacterial, Antifungal and Antiviral Chemotherapy, Iași, November 3-5, 2004
- Diploma for participation in the Symposium " *Pharmacy today between promotion and research* ", Timișoara, May 26 - 28, 2005
- Diploma for participation in the Symposium 10 years of Craiova University Pharmaceutical Education, Craiova (1996-2006) May 18-20, 2006
- Diploma no. 102 attesting the participation in the VII National Congress of Pharmacology, Therapeutics and Clinical Toxicology, Timișoara, May 24-27, 2006
- Diploma of participation in the XIIIth National Congress of Pharmacy, with international participation, Cluj-Napoca, September 28-30, 2006
- Diploma for participation in the National Pharmacy Symposium " *Pharmacy today between promotion and research* " 2nd edition, Timișoara, September 24-26, 2008
- Diploma for participation in the National Symposium " *Medicine from conception to use* " 2nd edition, Iasi, May 20-22, 2009
- Certificate of participation in the Anniversary Conference "Two centuries of homeopathy" Buzias, April 9-11, 2010.
- Certificate of participation in the XIVth National Congress of Pharmacy, with international participation, Târgu-Mures, October 13-16, 2010
- Diploma for participation in the National Pharmacy Symposium " *News and perspectives in pharmaceutical research* ", Craiova, September 26-28, 2012
- Certificate of participation in the XVth National Congress of Pharmacy in Romania, with international participation, Iasi, September 24-27, 2014
- Member of scientific and professional societies (associations):
 - Romanian College of Pharmacists;
 - The Romanian Society of Pharmaceutical Sciences;
 - Romanian Society for the Study of Chemotherapy;
 - Association for Multidisciplinary Research in Western Romania.

Other skills and competences

Driving license (s) | B category

1. **Heghes, A**; Soica, CM; Ardelean, S; Ambrus, R; Muntean, D; Galuscan, A; Dragos, D; Ionescu, D; Borcan, F. Influence of emulsifiers on the characteristics of polyurethane structures used as drug carriers. CHEM CENT J 7, Article Number: 66 DOI: 10.1186 / 1752-153X-7-66 Published: APR 10 2013, FI = 3.28 / 2011
 2. **Alina Hegheș** , Nicoleta G. Hădărugă, Adriana-Violeta Fuliș, Geza N. Bandur, Daniel I. Hădărugă & Cristina-Adriana Dehelean. Capsicum annum extracts / β -cyclodextrin complexes: Thermal analyses — Karl Fischer water titration correlations and antioxidant activity, Journal of Thermal Analysis and Calorimetry, 2015, DOI 10.1007 / s10973-014-4229-x, IF = 1.781
 3. Florina Stoica, Daniela Ionescu, **Alina Hegheș** , Cristina Trandafirescu, Nicoleta Andreescu, Anca Tudor, Sebastian Olariu, Alina, Stanciu, mihaela Galea, Maria Puiu. Vascular endothelial growth factor gene polymorphism-susceptibility predictor for severe retinopathy of prematurity? Rev Chimie, 2016, vol 67, no. 12, 2522-2525 ISSN 0034-7752. 1,232
 4. **Alina Hegheș** , Mirela Nicolov, Adina Octavia Duse, Dan dragoș, Zoltan Zsabadai, Sorin Bolintineanu, Daniela Marti, Hartman perdok method applied to A2BSi2O7 and AB2O6 types of microcrystals and the concept of fractional charges, Revista de Chimie, 2017, vol. 68, no. 4, 742-744 ISSN 0034-7752, 1,232
 5. Adina Octavia Duse, Delia Berceanu Văduva, Mirela Nicolov, Cristina Trandafirescu, Marcel Berceanu Văduva, Mariana Cevei, **Alina Hegheș** . Biostatistical analysis and possible forecasting of relationship between uric acid and specific laboratory test in cases of gouty arthritis. Rev Chimie, 2017, vol 68, no. 6, 1332-1339 ISSN 0034-7752. 1,232
 6. Marius Mioc, Sorin Avram, Andrei Branco Tomescu, Daniela Veronica Chiriac, **Alina Hegheș** , Mirela Voicu, Adrian Voicu, Cosmin Cătu, Ludovic Kurunczi. Docking study of 3-mercapto-1,2,4, -triazole derivatives as inhibitors for VEGFR and EGFR. Rev Chimie, 2017, vol 68, no. 3, 500-124 ISSN 0034-7752. 1,232
 7. Iulia Pînzariu, **Alina Hegheș** , Daniela Marit, Cristina Dehelean, Dorina Coricovac, Alina Moacă, Mihaela Moatar, Dorin Camen. Therapeutically potential of Medicago sativa extracts. Chemical and in vitro assessments. Rev Chimie, 2018, vol 69, no. 1, 121-124 ISSN 0034-7752,232
 8. Alina Andreea Tischer (Tucuina), Delia Berceanu Vaduva, Nicolae Balica, **Alina Heghes** , Adelina Cheveresan, Mirela Voicu, Delia Horhat, Horatiu Cristian Manea, Marioara Poenaru. Antimicrobial Activity of Biosynthesized Silver Nanoparticles Compared to Standard Antibiotics Used in ORL Infections. Journal of Chemistry, 70 (7), 2019, 2571-2573. FI = 1,755 / 2019.
 9. Flavia Bociort, Carmen Nicoleta Crisan, Razvan Dragoi, **Alina Heghes** , Camelia Szuhaneck, Matilda Radulescu, Delia Berceanu Vaduva, Alina Tischer, Andrei Motoc. Green and Synthetic Metallic Nanoparticles - Obtaining, Characterization and Biological Evaluation in Association with Lupeol. Journal of Chemistry, 71 (5), 2020, 299-304.
- Bogdan Sorop, Vlad Laurentiu David, **Alina Heghes** , Delia Berceanu Vaduva, Lavinia Balan, Maria Sorop Florea, Doru Anastasiu. Folates and anti-folates - chemical perspectives, in vitro and in ovo assessments. Journal of Chemistry, 71 (7), 2020, 481-490.