

PERSONAL INFORMATION

Anca HERMENEAN



WORK EXPERIENCE

- From 2017 **Professor Associate Member**
 Faculty of Engineering in Foreign Languages, Politehnica University of Bucharest, www.upb.ro

 - Master Program: Biomaterials for Tissue Engineering; teaching courses and tutorials: Cell and Tissue Biology, Debilitating Diseases of Tissue, Experimental Models for Tissue Regeneration

[Business or sector](#) Academic
- From 2016 **Director of VGWU Doctoral Studies Council**
 Vasile Goldis Western University of Arad, Romania, www.uvvg.ro

 - Management of Doctoral Studies Council, strategies for Doctoral Schools of Medicine and Biology

[Business or sector](#) Management
- From 2016 **Research Associate Member**
 Department of Biochemistry and Molecular Biology, Faculty of Biology, University of Bucharest, Romania, www.unibuc.ro

 - Research in histology, histopathology and electron microscopy

[Business or sector](#) Research
- From 2010 **Vice-rector for Research**
 Vasile Goldis Western University of Arad, Romania, www.uvvg.ro

 - Management of Research in VGWUA

[Business or sector](#) Management
- From 2010 **Deputy director of Life Science Institute and Principal Investigator**
 Institute of Life Sciences, Vasile Goldis Western University of Arad, Romania, www.uvvg.ro

 - Management of research projects and research activity in microscopy labs

[Business or sector](#) Research
- From 2010 **Professor**
 Faculty of Medicine, Vasile Goldis Western University of Arad, Romania, www.uvvg.ro

 - Courses in Histology
 - Research in Histology/Cell biology

[Business or sector](#) Academic
- 2005-2010 **Associate Professor**
 Faculty of Medicine, Vasile Goldis Western University of Arad, Romania, www.uvvg.ro

 - Courses in Histology
 - Research in Histology/Cell biology

Business or sector Academic

- 2002-2005 **Lecturer**
 Faculty of Medicine, Vasile Goldis Western University of Arad, Romania, www.uvvg.ro
 - Courses and tutorials in Histology
 - Research in Histology/Cell biology
 Business or sector Academic

- 1995-2002 **Assistant**
 Faculty of Medicine, Vasile Goldis Western University of Arad, Romania, www.uvvg.ro
 - tutorials in Cell biology and Histology
 - research in Histology/Cell biology
 Business or sector Academic

EDUCATION AND TRAINING

- 2015 **Habilitation in Biology**
 Ministry of Education Decision no.4922/18.08.2015
 - Postdoctoral teaching and research qualification in PhD supervising in biology field

- 1997-2003 **PhD in Biology**
 Faculty of Biology, Babes-Bolyai University of Cluj-Napoca, Romania, www.ubb.ro
 - Electron microscopy, histopathology and immunohistochemistry basis

- 1989-1994 **Bs in Biology**
 Faculty of Biology, Babes-Bolyai University of Cluj-Napoca, Romania, www.ubb.ro

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

PERSONAL SKILLS

Communication skills Good communication skills gained through my experience of manager, teacher, scientist and speaker at scientific meetings

Organisational / managerial skills My activities highlighting organisational/managerial skills are listed below:

- Vice-Rector for research in VGWU (since 2010), more than 600 employees;
- Deputy director of Life Science Institute in VGWU (since 2010), more than 80 employees, PhD students and postdocs;
- Director of VGWU Doctoral Council (since 2016), more than 100 PhD supervisors and PhD students in medicine and biology
- Scientific Meeting Organizer - more than 30 international and national conferences in the last 5 years
- Project Manager: 3 research projects financed by EU funds, 7 research projects financed by national funds (UEFISCDI and Romanian Academy), 1 project financed by structural funds

Job-related skills Areas of expertise – histology, histopathology, immunohistochemistry and electron microscopy in the following scientific fields:

- **Phytomedicine**
 Modulation of signal transduction pathways by phytochemicals
 Molecular regulation of anti-inflammatory responses by phytochemicals
 Molecular regulation of anti-fibrotic responses by phytochemicals
 Molecular mechanisms of phytochemicals against hepatic, gastrointestinal and renal diseases
 Interactions between phytochemicals and different drugs or chemicals
- **Nanobiotechnology**
 Bio-interfaces characterization, in vivo biocompatibility studies
 Characterisation of interaction between nanomaterials/nanomedicines and biological systems (proteins, enzymes, cell membranes, organelles)
 In vivo assays for uptake studies, structural and ultrastructural toxicological effects
- **Toxicology and Ecotoxicology**
 Gastrointestinal and hepatic toxicology, cardio-pulmonary toxicology, renal toxicology
 Fish toxicology in polluted environments
- **Regenerative medicine**
 In vivo biocompatibility studies of medical device candidates for bone and cartilage regenerative medicine and maxillofacial region
 Tissue repair and regeneration pathways in bone and cartilage regeneration
 Molecular signals, growth factors, molecular recognition in bone and cartilage regeneration

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

- good command of office suite (word processor, spread sheet, presentation software), Adobe Photoshop, Excell, Microscopy software

Driving licence Driving licence B

ADDITIONAL INFORMATION

- Publications** 45 papers in journals indexed in WoS Core Collection, Total IF=84.141
(e.g. Scientific Reports, Chemico-Biological Interaction, Toxicology in vitro, Drug and Chemical Toxicology, Dose-Response, Composites: Part B, International Journal of Molecular Sciences, American Journal of Physiology, Current Pharmaceutical Design)
58 papers in journals indexed in other international databases
7 books, monographs and chapters
- Patents** European patent: *"Pharmaceutical composition useful for preventing and treating liver disease, comprises oil isolated from Silybum marianum seed"*, Patent Number: WO2013124700-A2; HU201300110-A1, Patent assignee: Univ. Debrecen, Hungary and Vasile Goldis Western University of Arad, Romania
- Projects** 3 research projects financed by EU funds (manager), 7 research projects financed by national funds (UEFISCDI and Romanian Academy (manager), 1 project financed by structural funds (manager)
2 research projects financed by EU funds (researcher), 2 projects financed by structural funds(researcher)
- Conferences** more than 30 conferences as speaker and poster communication (e.g. EUROTOX, FEBS....)
- Memberships** Romanian Society of Cell Biology (since 1997)
National Society for Normal and Pathological Morphology (since 2004)
Association of Environmental Health and Protection of DKMT Euroregion (since 2007)
Association for Multidisciplinary Research in Western Romania (ACM-V Romania), since 2007
- Editorial board** Annals of the National Society for Cell Biology, ISSN: 1583-6258
Studia Universitatis Vasile Goldis, Life Science Series, ISSN: 1584-2363
Histology and Histopathology Research, Pulsus Publishing House
- Peer-reviewer** Histology and Histopathology, Experimental and Therapeutic Medicine, Drug-Response, Drug and Chemical Toxicology
- Certifications** Project Manager (Certificate no. 0107518/2008 by Ministry of Work and Ministry of Education)
ISO 14001 Environmental External Audit Expert (Certificate no. 0187898/2007 by Ministry of Work and Ministry of Education)
ISO 9001 Quality External Audit Expert (Certificate no. 0187898/2007 by Ministry of Work and Ministry of Education)
Expert in Research Management (Certificate by UEFISCDI through Strategic project: University Management Strengthening - 2011)

ANNEXES

- list of publications, projects and patents