

**EUROPEAN  
CURRICULUM VITAE  
FORMAT**



**PERSONAL DATA**



First and last name  
Address  
Phone  
Fax  
E-mail, Web address  
Nationality  
Date of birth  
Register of researches ID

<b>Ines Drenjančević</b>
Faculty of Medicine of University of Osijek, Osijek, Cara Hadrijana 10e, 31000 Osijek
+38531399606, mobile +385912241406
+38531512833
<a href="mailto:inesdp@yahoo.com">inesdp@yahoo.com</a> , <a href="mailto:ines.drenjancevic@mefos.hr">ines.drenjancevic@mefos.hr</a>
Croatian
17 June 1968
<b>209603</b>

**WORK EXPERIENCE**

• Dates (from - to)	1993-1994
Institution	Clinical Hospital Osijek
Job title	Doctor intern
Position	Physician
Field of work	General medicine
• Dates (from - to)	1994
Institution	Primary Health Care Unit Đakovo
Job title	General medicine physician
Position	Physician
Field of work	General medicine
• Dates (from - to)	1994 - 1995
Institution	Faculty of Medicine, University of Zagreb, Dept. of Physiology and Immunology – branch Study Osijek
Job title	Professional associate at the Department of Physiology and Immunology
Position	Adjunct assistant
Field of work	Physiology and immunology
• Dates (from - to)	1995-1997
Institution	Faculty of Medicine, University of Zagreb, Dept. of Physiology and Immunology – branch Study Osijek
Job title	Younger assistant
Position	Younger assistant
Field of work	Physiology and immunology
• Dates (from - to)	1997 - 2005
Institution	Faculty of Medicine, University of Zagreb/University of Osijek, Dept. of Physiology and Immunology
Job title	Teaching assistant
Position	Teaching assistant, researcher-PhD student at the Medical College of Wisconsin

Field of work	Physiology and immunology
• Dates (from - to)	2005 - 2008
Institution	Faculty of Medicine, University of Osijek
Job title	Assistant professor
Position	Assistant professor
Field of work	Physiology and immunology
• Dates (from - to)	2008-2012
Institution	Faculty of Medicine, University of Osijek
Job title	Associate professor
Position	Head of Department
Field of work	Physiology and immunology
• Dates (from - to)	2012-2017
Institution	Faculty of Medicine, University of Osijek
Job title	Full professor
Position	Head of Department
Field of work	Physiology and immunology
• Dates (from - to)	2017-
Institution	Faculty of Medicine, University of Osijek
Job title	Full professor, tenure track
Position	Head of Department
Field of work	Physiology and immunology
• Dates (from - to)	2005-2017
Institution	Faculty of Medicine, University of Osijek
Job title	Vice Dean for Science
Position	Vice Dean for Science
Field of work	Management of the institution
• Dates (from - to)	2017-2018
Institution	Faculty of Medicine, University of Osijek
Job title	Vice Dean for Teaching
Position	Vice Dean for Teaching
Field of work	Management of the institution

## EDUCATION

Date	1987-1993
Place	Zagreb
Institution	University of Zagreb, Faculty of Medicine
Title of qualification awarded	MD
Date	1994-1997
Place	Zagreb
Institution	University of Zagreb, Faculty of Medicine
Title of qualification awarded	MSc
Date	2001-2004
Place	Milwaukee, Wisconsin, USA
Institution	Graduate School of Biomedical Sciences, Medical College of Wisconsin, USA

Title of qualification awarded	PhD
--------------------------------	-----

### TRAINING

Year	1996 -Prevention and Diagnostic of Cerebrovascular Insult
Place	Osijek
Institution	Clinical Hospital Osijek
Subject and skills covered	Neurology
Year	1997 - Postgraduate course in molecular biology
Place	Zagreb
Institution	Institute Rudjer Boskovic
Subject and skills covered	Molecular biology
Year	2014 Workshop in requirements and implementation of the legislation on the protection of animals used for scientific purposes AGR 56721
Place	Zagreb
Institution	EC (TAIEX) and Ministry of Agriculture, Veterinary and Food Safety Directorate of Croatia
Subject and skills covered	
Other	<p><b>2004</b> (April-June) postdoc at Dept. of Physiology, Medical College of Wisconsin, Milwaukee USA (after defended doctoral dissertation)</p> <p><b>2006</b>(December) International Research and Innovation Management Training for University of Debrecen, Hungary and University J.J. Strossmayer Osijek, Croatia, December 2-13, Cedars Sinai Medical Center, Los Angeles, USA</p> <p><b>2007</b>(January) Workshop - Academic recognition of higher education qualifications, organized by the Agency for Science and Higher Education</p> <p><b>2007</b>(March) higher education, March 2, Bucharest, Romania Workshop Intellectual property protection at the protection at the higher education, March 2, Bucharest, Romania</p> <p><b>2009</b>Workshop for promoters and trainers for the Croatian Qualifications Framework</p>

### PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	Croatian
---------------	----------

### FOREIGN LANGUAGES

Language	English
Speaking	Yes
Writing	Yes
Reading	Yes

### SOCIAL SKILLS AND COMPETENCES

Communication skills, team leadership skills, the ability to work in a team, flexibility, ability to work under stressful conditions, skills of peaceful conflict resolution

### ORGANIZATIONAL SKILLS AND COMPETENCES

2000 Co-organizer at the First congress of Croatian Physiological Society, Osijek  
2006 Co-president of the First International Symposium on Hypertension, Osijek Croatia  
2007Member of the organizational board of the 5. Congress of the Croatian Phyrmacological Society and the 2. Congress of Croatian Physiological Society  
2009. Member of the organizational board of 5th Central European Meeting on Hypertension, 2nd Croatian Congress on Hypertension, 2nd Croatian Meeting of Nurses in Hypertension, Zagreb, 22.-25. October 2009  
2006- established the Laboratory for the Physiology of Circulation at the Department of Physiology and Immunology, Faculty of Medicine University of Osijek

2008- established the Office for Science, programs, projects and TT, Faculty of Medicine University of J.J. Strossmayer Osijek (and organized several workshops on IP rights for the University employees)

2010- established the Laboratory for Molecular and Clinical Immunology and Laboratory for Clinical Physiology and physiology of Sport, Faculty of Medicine Osijek

2010 –Co-president of the 2. International Symposium on Hypertension, Osijek, Croatia November, 18-21, 2010, Osijek, Croatia

2013 president of the 1 Regional congress of physiological societies and 3rd Congress of Croatian Physiological Society, Rijeka, Croatia, September 2013

2014- Co-president of the 3.International Symposium on Hypertension, Osijek, Croatia, November, 28.-29., 2014, Osijek, Croatia

2017- co-president of the 2 Regional congress of physiological societies and 4rd Congress of Croatian Physiological Society, Dubrovnik, September 2017

Co-organizer of the scientific symposium within FEPS Congress, Budapest, 2014, and the symposium in the congress of the European microcirculation society, Pisa and other symposia (FEPS 2017 Budapest, ESCMH, Portugal 2016...)

#### **E. EDITORIAL OF SCIENTIFIC OR PROFESSIONAL JOURNALS**

Member of the editorial board of the international journal "Medical Gazette" (SCI-Expanded) from February 2006.

Guest editor of thematic issues of Medicinski Glasnik (Medical Journal) (January 2008 and January 2009);

2006-member of the editorial board of Medical Journal

2010- Co-editor of supplement Kidney and Blood Pressure Research

2011- Guest-editor of Periodicum Biologorum (October 2011); -SCI-Exp

2011- member of the editorial board of the international journal SEE CSL Journal

REVIEWS: has done reviews (among others) for journals: Regulatory Peptides, J Vasc Res, KBPR, Amino Acids, Biochemia Medica, Collegium Antropologicum, Am J Physiology, Medicinski glasnik and for Ministry of Science, Education and Sports-grant reviewer, Slovak research and Development Agency, United through Knowledge Fund, Ministry of Education and Science of Serbia, NKFIH- OTKA (Hungarian agency)

2017- Editor in Chief Southeastern European Medical Journal (SEEMEDJ)

*2014-2018, 2018-2022 Croatian Food Agency - Vice-President of the scientific committee for food, allergens, new food and food for special needs, co-author of the Scientific opinion on reducing salt intake in Croatia*

*[http://www.hah.hr/upisnik\\_z\\_m.php?id=37](http://www.hah.hr/upisnik_z_m.php?id=37) (published September 10, 2014, and the Scientific opinion on the importance of consuming iodized salt in Croatia ( [http://bib.irb.hr/datoteka/720858.HAH\\_-\\_Z\\_-\\_2009\\_-5.pdf](http://bib.irb.hr/datoteka/720858.HAH_-_Z_-_2009_-5.pdf) );*

*" Scientific opinion regarding the effect of iodine on human health due to the large amount of iodine in Kombu seaweed" ( [http://bib.irb.hr/datoteka/720861.HAH\\_-\\_Z\\_-\\_2009\\_-4.pdf](http://bib.irb.hr/datoteka/720861.HAH_-_Z_-_2009_-4.pdf) )*

#### **TECHNICAL SKILLS AND COMPETENCES**

Methods of „in vitro“ vascular reactivity of vascular rings  
 „in vitro“ videomicroscopy of isolated, perfused resistant blood vessels  
 „in vivo“ videomicroscopy of the vascular function of microcirculatory pool  
 Hystological staining with lectin  
 „in vivo“ chronic blood pressure monitoring in experimental animals  
 Biochemical measurements, spectrophotometry, Western blot, ELISA; rtPCR

#### **ARTISTIC SKILLS AND COMPETENCES**

Piano (level - secondary school of music), choral singing

#### **OTHER SKILLS AND COMPETENCES**

gardening

## FURTHER INFORMATION

## SCIENTIFIC AND PROFESSIONAL PROJECTS

## 1) CURRENT national and international projects:

a) 2017-2018 (VIF\_MEFOS project)- institutional projects, principal investigator

b) 2014-2019 Croatian Science Fundation grant: Poremećena vazorelaksacija i endotelno-leukocitna interakcija (ELI) u razvoju aterosklerotskih lezija V-ELIAthero; principal investigator

c) 2017-2022 EU Structural grant for the national Scientific Centre of Excellence for Personalized Health Care (Institution that grant is awarded to - University of Osijek, Croatia)- role: Head of the SCE

## 2) international educational projects:

1) Standardization in teaching of medicine (STEAMED)- TEMPUS SCM project, October 2006/October 2007 –main coordinator

2) 2009-2012 TEMPUS 144713-TEMPUS-2008-HR-JPCR Fostering Entrepreneurship in Higher Education (FoSentHE) –role: individual expert

3) 2010-2013 TEMPUS 158757- TEMPUS- 1 – 2009-1- HR – JPRG Education for Equal Opportunities at Croatian Universities (EduQuality) – representative of the University of Osijek

## 3) scientific research projects:

## a) researcher in international scientific projects:

1) 2000-2004 National Institute of Health (NIH), USA Program project grants #PO1 HL29587-15. Title: „Blood Pressure Determinants and Controllers” Program Director Allen W. Cowley Jr Ph.D. Principal Investigator 4 Julian H. Lombard, Ph.D. The title of project ”Role of 20-HETE in Regulating Vascular O2 Response” - researcher (PhD student).

2) 2000--2004 NIH, USA, Project HL65289. PI Julian H. Lombard Ph.D. Title: “High Salt Diet, Angiotensin II and Microvascular Dilation”. researcher (PhD student).

3) September 2009 - September 2011, Common ways of functional disorders of microcirculation in diabetes and hypertension, bilateral Croatian-Hungarian project (Hungarian prof. Akos Koller, Faculty of Medicine University of Pécs), principal investigator

4) 2009-2011 Associate at the international (Croatian-Slovenian) bilateral project "Managerial Tools and the EU"

## b) researcher in national scientific projects:

1) 1996 project No 0127002. Title “Development of the diastolic dysfunction of the heart in arterial hypertension». PI prof. dr. Ivan Karner. Research collaborator.

2) 2002-2006 Project 0210281 “The effects of subinhibitory concentration of antibiotics” Principal investigator prof.dr. Jasmina Vranješ. Research collaborator

3) 2007-project number 108-1081870-1940 Project title: "C / U ratio and motor parameters in prevention of perinatal brain damage," Principal Investigator prof. dr. Aida Salihagić-Kadic, participates as a researcher.

4) 2011-2013 Molecular profiling and proteomics of urothelial carcinomas – NZZ (HRZZ), project staff member, researcher

5) 2007-2012. Ministry of Science, Education and Sports (MZOS): The role of

oxygen in vascular reactivity in health and disease – principal investigator,  
**6) 2017 – 2021 HRZZ- RAS-AdrenOX Interakcija renin-angiotenzinskog i adrenergičkog sustava u aktivaciji endotela uzrokovanoj oksidativnim stresom (researcher)**

**4) Crossborder bilateral collaborative grants HUHR:**

**1) IPA HU-HR 1st call „CABCOS“ – project coordinator for the University of Osijek (with the University of Pecs, HU) (April 2010- July 2011)**

**2) IPA HU-HR 1st call „Work and Health Project“ – project coordinator for University of Osijek (with University of Pecs, HU) (May 2010 – July 2011)**

**3) IPA HU-HR 1st call „RINGBOOK“ - project team member for University of Osijek (with University of Pecs, HU) (June 2010- June 2011)**

**4) IPA HU-HR 1st call „UNIREG Impulse“ – project team member**

**5) IPA 2ndcall, HU-HR crossborder cooperation, associate on project BIOTECHEDU, September 2011- September 2012**

**6) IPA 2ndcall, HU-HR crossborder cooperation, associate on the project HEALTH MANAGEMENT, August 2011-August 2012**

**7) IPA 2ndcall, HU-HR crossborder cooperation, project coordinator HEALTH IMPULSE, 2012-2013**

**8) Interreg HUHR project- ImproveMEd, lead beneficiary, project coordinator, June 2017- October 2018**

### **Awards**

- 1994 Ministry of Science and Technology: scholarship for postgraduate study in Clinical Immunology and Allergology
- 2000 Ministry of Science and Technology: scholarship for postgraduate doctoral at the Graduate School of Biomedical Sciences, Medical College of Wisconsin, USA
- 2002 Fine Science Tools Travel Award
- 2003 Friends of Medical College of Wisconsin (MCW)-Graduate School of Biomedical Sciences Student Travel Award
- 2003 MCW Poster Days- Award for Poster Presentation
- 2004 Friends of MCW-Graduate School of Biomedical Sciences Student Travel Award
- 2004 Microcirculatory Society - Benjamin Zweifach Student Award
- 2013- elected to honorary university professor at the University of Pecs, Hungary
- 2014- appointed honorary visiting professor at the Faculty of Medicine, University of Novi Sad, Serbia
- 2014- International collaborator for Dept of Physical Therapy- College of Applied Health Sciences, University of Illinois Chicago, USA <http://ahs.uic.edu/pt/facultyresearch/collaborators/>
- 2017- Croatian National Annual Science Award (in the field of Biomedicine and Health)**
- 2017- Badge of Honor, Danylo Hradyski Lviv National Medical University**

### **Research interests and competencies:**

The mechanisms of controlling the flow of blood in tissues, functional and structural adaptation of microcirculation (resistant arteries and arterioles), the role of genetic factors in the development of hypertension, the interaction of different signalling systems in the cell and their "common denominator" that regulates cellular function (endothelial and smooth muscle of blood vessels) in response to various stimuli, and the impact on vascular function and perfusion of tissue, influence of the physiological regulators of vascular function (vasodilator and vasoconstrictor, oxygen and mediator arachidonic acid, in particular the role of the renin-angiotensin system in the control of vascular reactivity), vascular dysfunction in diabetes and other microangiopathies, inflammation, atherosclerosis and sepsis.

She has published approx. 70 scientific papers in journals with high IF and Q1/Q2 ranking (J Physiology, J Hypertension, AJP, Microcirculation, Kidney Blood Pressure Research...). Citations- app. 600 (since 2000). She was speaker at numerous conferences, mentored 14 defended doctoral dissertations and 2 in the process of making.

## **II: THE WORK IN COMMITTEES AND COMMISSIONS**

### **Faculty of Medicine, Josip Juraj Strossmayer University of Osijek:**

1996-1998 Committee for Science, member

2005- Committee for Doctorates, (all since 2005, president or member)

2005-Ethical Committee, president, vice-president

2005- Committee for Postgraduate studies, member, president, vice-president

2007- Commission for the introduction and use of the system IS UNV, coordinator

2007-Commission for the introduction and operation ISVU system, member

### **Josip Juraj Strossmayer University of Osijek:**

2007- Committee for recognition of foreign HE qualifications, member, president

2007 -Committee for international scientific-research projects, member

2009- Ethical Committee, member

2013- currently- Committee for the Quality System Implementation, member

### **Lavoslav Ružička Polytechnics of Vukovar**

2005- 2008, member of the temporary Expert Council of the Lavoslav RuzickaPolytechnics of Vukovar

## **Teaching**

1) Undergraduate and graduate (integrated) teaching: 1994-2005 study of Medicine in Osijek - assistant, 2005-2008 –Study of Medicine-assistant professor, since 2008- up to present –Study of Medicine in Osijek – full professor. Course coordinator of other study programs at the Faculty of Medicine for Physiology, Immunology and elective courses in Microcirculation and Sports Physiology

2) 2005- Guest professor at the University of Mostar - Faculty of Medicine, Mostar, BIH, Department of Physiology and Immunology, within the integrated study of Medicine

3) 2012 - honorary university professor, University of Pecs, Hungary

4) Postgraduate study, since 2005–course coordinator „Experimental approach to microcirculation“ and „Blood pressure regulation course“ at the postgraduate doctoral study Biomedicine and Health , Faculty of Medicine - University of Osijek. Course co-leader „Scientific- research work“ at the same study program. Course co-leader „Imunopathophysiological mechanisms of sepsis“ and leader of course “Iron metabolism” at the interdisciplinary university study Molecular Biosciences, University of Osijek

## **ATTACHMENTS**

List of papers from CROSB: <http://bib.irb.hr/lista-radova?autor=209603&lang=en>

**SIGNATURE**

