

Curriculum Vitae

PERSONAL INFORMATION

Name and surname **Jasna Marinović**
Academic title MD, PhD
Year and institution 2007, Medical College of Wisconsin
of PhD obtained
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Citizenship Croatian
Date and place of birth September 28, 1977; Kutina, Croatia

WORK EXPERIENCE¹ (CHRONOLOGICALLY*)

Date (from – until) 2002 - 2007
Institution Medical College of Wisconsin
Position PhD student
Work field *Physiology*

Date (from – until) 2007 - 2008
Institution University of Split School of Medicine
Position Senior instructor
Work field *Physiology*

Date (from – until) 2008 – current
Institution University of Split School of Medicine
Position Assistant professor
Work field *Physiology*

EDUCATION² (CHRONOLOGICALLY)

Date 1996 – 2002
Place Zagreb, Croatia
Institution University of Zagreb School of Medicine
Title of qualification Medical doctor
awarded

Date 2003 - 2007
Place Milwaukee, Wisconsin, USA
Institution Medical College of Wisconsin
Title of qualification PhD
awarded

^{1,2,3} Please add rows to enter all required information

* all information in the document should be entered chronologically – from the most recent to the oldest

TRAINING
(CHRONOLOGICALLY)

Year	2002 - 2007
Place	Milwaukee, USA
Institution	Medical College of Wisconsin (MCW)
Subject and skills covered	During my graduate studies at Department of Physiology at MCW, I investigated the phenomenon of preconditioning-induced cardioprotection at the level of single cell. Specifically, I examined the involvement of ATP-sensitive K (KATP) channels, known as metabolic sensors in cardiac myocytes, in the mechanism of cardioprotection by preconditioning. Also, I looked at interaction between KATP channels and mitochondria. The scientific methodology that I used are patch clamp, measurement of protein expression in cells (Western blotting), assessment of mitochondrial function, cell culture and various <i>in vitro</i> methods of assessment of cell death and damage.
Year	2008
Place	Trondheim, Norway
Institution	Norwegian University of Science and Technology (NTNU)
Subject and skills covered	During a five-week visit in the laboratory of Dr. Wisloff, I trained the procedure for generation of animal model of ischemic heart failure (a surgical procedure of coronary artery ligation), animal exercise training and echocardiographic assessment of heart function.
Year	2008
Place	Trondheim, Norway
Institution	Norwegian University of Science and Technology (NTNU)
Subject and skills covered	During the ten-day visit to Department of Circulation and Medical Imaging and Dr. Wisloff's laboratory, I obtained know-how related to organization of translational approaches in cardiovascular research, as well as the methods of isolation of cardiac myocytes from human cardiac muscle samples (right atrium and biopsy sample of left ventricle).

LANGUAGES

MOTHER TONGUE	Croatian
ENGLISH LANGUAGE	
Speaking	Yes
Writing	Yes
Reading	Yes

RESEARCH AND OTHER PROJECTS

(CHRONOLOGICALLY; LEADER AND ASSOCIATES; FUNDING SOURCE)

- 2003 – 2007:** Co-investigator on the project "KATP channels in Anesthetic-induced Cardiac Preconditioning" awarded by the National Institutes of Health (USA) (Principal investigator Dr. Zeljko Bosnjak).
- 2006 – 2007:** **Principal investigator** on the project "Association of sarcolemmal K_{ATP} channel disruption with mitochondrial dysfunction and apoptosis: A link to heart failure" awarded by the American Heart Association
- 2008:** **Principal investigator** on the training project "Induction of Chronic Heart Failure in Rats by Coronary Artery Ligation" awarded by the Unity through Knowledge Fund.
- 2009 – 2011:** Co-investigator on the project entitled "Physiology of SCUBA diving" awarded by the Unity through Knowledge Fund (Principal investigator Dr. Zeljko Dujic).
- 2009 – 2011:** Co-**Principal investigator** on the project "Exercise-induced improvement of chronic heart failure: the role of KATP channels and mitochondria" awarded by the Unity through Knowledge Fund
- 2007 – current:** Co-investigator on the project "Diving with compressed air and cardiovascular system" awarded by the Croatian Ministry of Science, Education and Sports (Principal investigator Dr. Zeljko Dujic).
- 2011 – current:** Co- investigator on the project "Development of capacities for underwater assessment of cardiovascular parameters" awarded of the Office of Naval Research, USA (Principal

investigator Dr. Zeljko Dujic).

TEACHING

(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE , POSTGRADUATE STUDY PROGRAMMES)

2004 – 2007: Teaching the course in Medical Physiology to medical students and at the Postgraduate program at the Medical College of Wisconsin

2007 – current: Teaching the course in Human Physiology to students of Medical School, Dental School at the University of Split School of Medicine (USSM)

2011 - current: Teaching the elective course "Chosen topics in paediatrics – Medicine of Nursing" to medical students at USSM

MENTORSHIP OF DEFENDED DOCTORAL AND MASTER DISSERTATIONS AND TRAINING OF YOUNG RESEARCHERS AND SCIENTISTS

(CHRONOLOGICALLY)

Currently mentors two PhD students.

VISITS TO FOREIGN RESEARCH AND EDUCATION INSTITUTIONS

(CHRONOLOGICALLY; ONLY VISITS LONGER THAN 3 MONTHS)

2002 – 2007: Research training and education at the Medical College of Wisconsin, Milwaukee, USA. During this period obtained the PhD degree in Physiology.

2008: 5-week training at the Department of Circulation and Medical Imaging at the Norwegian University of Science and Technology in techniques of generation of the animal model of heart failure

AWARDS AND RECOGNITIONS

(CHRONOLOGICALLY)

2003 Graduate School Fellowship, University of Split

2006 American Heart Association Predoctoral Fellowship Award

2007 Best Dissertation Award, Graduate school, Medical College of Wisconsin

2007 Excellence in Physiology Award, Department of Physiology, Medical College of Wisconsin

MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES

(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)

2003-2007: American Society of Anesthesiology

2007-2008: American Society of Physiology

2008-current: Croatian Physiological Society

COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS

(CHRONOLOGICALLY; HOME AND INTERNATIONAL)

2010: Committee for research at University of Split School of Medicine

2011-current: Committee for quality control at University of Split School of Medicine

Please see my publications on [PubMed](#)