

Professor IVICA GRKOVIĆ, MD, MSc, PhD (Scientific Personal Id: 173423)
Curriculum vitae

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Education

1989 MD University of Rijeka, Faculty of medicine, Croatia
1992 Master of medical sciences (MSc), University of Rijeka, Faculty of medicine, Croatia
1997 PhD (neuroanatomy), Department of anatomy & cell biology, Faculty of medicine, dentistry & health sciences, University of Melbourne, Australia

Employment

2004-today Full Professor of anatomy, University of Split, School of Medicine, Split, Croatia
1998-2004 Lecturer & senior lecturer, Department of anatomy & cell biology, University of Melbourne, Australia
1989-1992 Tutor & research fellow, University of Rijeka, Faculty of medicine, Croatia

Selected research grants and awards:

1997 –1998: Australian Research Council small grant support for “Studies of the plasticity of mature autonomic neurons” as 2nd chief investigator
1999 – 2000: Melbourne Research Career Establishment grant for “Neuropeptides and Cardiovascular System” as 1st chief investigator
2000 – 2003: Australian National Heart Foundation; 2nd chief investigator on the project “Do separate, function-specific pathways innervate the rat heart?”
2007-2008: The National Foundation for Science, Higher Education and Technological Development of Republic of Croatia; Principal Investigator on the project “Establishment of neurocardiology laboratory”
2007-2013: Ministry of Science, education and sports of Republic of Croatia, Principal Investigator on project “Mechanisms of cardiac pain related to ischaemia, metabolic changes and ageing”

Research interests

My research interests include neurobiology of the autonomic nervous system, gross anatomy and medical education. At the University of Split School of Medicine, I established the Laboratory for experimental neurocardiology. I was mentor/supervisor to 6 PhD students.

Publications

44 original research articles, 764 citations. Publications relevant for this project proposal:

1. Grkovic I, Edwards SL, Murphy SM and Anderson CR. (1999) Chemically distinct preganglionic inputs to iris-projecting postganglionic neurons in the rat: a light and electron microscopic study. *J Comp Neurol.* 412(4):606-16,
2. Portbury AL, Grkovic I, Young HM, Furness JB. (2001) Relationship between post-synaptic NK1 receptor distribution and nerve terminals innervating myenteric neurons in the guinea-pig ileum. *Anat Rec.* 263:248-54.
3. Guić MM, Kosta V, Aljinović J, Sapunar D, Grković I. (2010) Characterization of spinal afferent neurons projecting to different chambers of the rat heart. *Neurosci Lett.* 469(3):314-8.
4. Aljinović J, Vukojević K, Košta V, Guić MM, Saraga-Babić M, Grković I. (2010) Histological differences in healing following experimental transmural infarction in rats. *Histol Histopathol.* 25(12):1507-17.
5. Agnić I, Vukojević K, Saraga-Babić M, Filipović N, Grković I. (2014) Isoflurane post-conditioning stimulates the proliferative phase of myocardial recovery in an ischemia-reperfusion model of heart injury in rats. *Histol Histopathol.* 29(1):89-99.