

Full name		Jelena Marković	
Academic appointment		Assistant Professor	
Name of institution providing full-time employment; employed full-time since		University of Novi Sad Faculty of Sciences, 2016.	
Scientific discipline		Histology with embryology	
Academic career			
	Year	Institutions	Field of Study
Appointment to current position	2014	University of Novi Sad Faculty of Sciences	Histology with embryology
Doctorate	2013	University of Belgrade Faculty of Biology	Biology
Master of Science	2008	University of Novi Sad Faculty of Sciences	Biology
Diploma	2007	University of Novi Sad, Faculty of Sciences	Molecular biology
List of courses currently taught by the instructor			
R.B.	Course Title		Level of Study
1.	Histology with embryology		BSc in Biology
2.	Cell and tissue biology, 1/2		BSc in Biochemistry
3.	Cell and tissue culture, 1/2		BSc in Biology
4.	Preparation of animal cells and tissues		BSc in Biology
5.	Molecular methods in biological research, 1/4		MSc in Biology, module Moleecular Biology
6.	Laboratory methods and practical skills, 1/6		MSc in Reproductive Biology
7.	Cell determination and differentiation		MSc in Reproductive Biology
8.	Cell determination and differentiation		PhD in Biology
Key Publications (min. 5, not more than 10)			
1.	Marković J, Stošić M, Kojić D, Matavulj M. (2017) Effects of acrylamide on oxidant/antioxidant parameters and CYP2E1 expression in rat pancreatic endocrine cells. Acta histochem. 120:73-83.		
2.	Stošić M, Matavulj M, Marković J. (2018) Subchronic exposure to acrylamide leads to pancreatic islet remodeling determined by alpha cell expansion and beta cell mass reduction in adult rats. Acta histochem. 120:228-35.		
3.	Stošić M, Matavulj M, Marković J. (2018) Effects of subchronic acrylamide treatment on the endocrine pancreas of juvenile male Wistar rats. Biotech Histochem. 93:89-98.		
4.	Marković J, Uskoković A, Grdović N, Dinić S, Mihailović M, Jovanović JA, Poznanović G, Vidaković M. (2015) Identification of transcription factors involved in the transcriptional regulation of the CXCL12 gene in rat pancreatic insulinoma Rin-5F cell line. Biochem Cell Biol. 93:54-62.		
5.	Marković J, Grdović N, Dinić S, Karan-Djurašević T, Uskoković A, Arambašić J, Mihailović M, Pavlović S, Poznanović G, Vidaković M. (2013) PARP-1 and YY1 Are Important Novel Regulators of CXCL12 Gene Transcription in Rat Pancreatic Beta Cells. PLoS One. 8(3):e59679.		
6.	Mihailović M, Arambašić J, Uskoković A, Dinić S, Grdović N, Marković J, Bauder J, Poznanović G, Vidaković M. (2013) β-Glucan administration to diabetic rats alleviates oxidative stress by lowering hyperglycaemia, decreasing nonenzymatic glycation and protein O-GlcNAcylation. J Funct Foods. 5:1226-34.		
7.	Arambašić J, Mihailović M, Uskoković A, Dinić S, Grdović N, Marković J, Poznanović G, Bajec Đ, Vidaković M. (2013) Alpha-lipoic acid upregulates antioxidant enzyme gene expression and enzymatic activity in diabetic rat kidneys through an O-GlcNAc-dependent mechanism. Eur J Nutr. 52:1461-73.		
8.	Mihailović M, Arambašić J, Uskoković A, Dinić S, Grdović N, Marković J, Mujić I, Šijački D.A, Poznanović G, Vidaković M. (2013) β-Glucan administration to diabetic rats reestablishes redox balance and stimulates cellular prosurvival mechanisms. J Funct Foods. 5:267-78.		
9.	Dinić S, Arambašić J, Mihailović M, Uskoković A, Grdović N, Marković J, Karadžić B, Poznanović G, Vidaković M. (2013) Decreased O-GlcNAcylation of the key proteins in kinase and redox signalling pathways is a novel mechanism of the beneficial effect of α-lipoic acid in diabetic liver. Br J Nutr. 110:401-12.		
10.	Uskoković A, Mihailović M, Dinić S, Arambašić J, Jovanović J, Grdović N, Marković J, Poznanović G, Vidaković M. (2013) Administration of a β-glucan-enriched extract activates beneficial hepatic antioxidant and anti-inflammatory mechanisms in streptozotocin-induced diabetic rats. J Funct Foods. 5:1966-74.		
Summary of the instructor's scientific achievements			
Total citations (excluding self-citations)		46	
Total number of publications on SCI or SSCI list		14	
Current Scientific Projects		National 1	International 1
Additional training: One-month visit program; 2008 – Veterinary Medicine University Vienna, Research Institute of Wildlife Ecology			