Full name	Edward Petri
Academic appointment	Associate Professor
Name of institution providing full-time employment; employed full-time since	University of Novi Sad Faculty of Sciences, 2011.
Scientific discipline	Biochemistry

Academic career

	Year	**Institutions**	**Field of Study**
Appointment to current position	2011	University of Novi Sad Faculty of Science	Biology
Doctorate	2005	University of Rochester USA	Biochemistry
Master of Science	2002	University of Rochester USA	Biochemistry
Diploma	1997	University of Pittsburgh USA	Chemistry

List of courses currently taught by the instructor

R.B.	Course Title	Level of Study
1.	Methods of structural biology	BSc in Biology
2.	X-ray structure of biomolecules, 1/3	BSc in Physics
3.	Cell and tissue culture, 1/2	BSc in Biology
4.	Biomolecular interactions	MSc in Biology, module Molecular Biology
5.	Molecular methods in biological research, 1/4	MSc in Biology, module Molecular Biology
6.	Laboratory methods and practical skills 1/6	MSc in Reproductive Biology
7.	Structural biology	PhD in Biology
8.	Bioinformatics of nucleic acids and proteins	PhD in Biology

Key Publications (min. 5, not more than 10)

1.	Plavša, J, Řezáčová, P, Kugler, M., Pachl, P., Brynda, J., Voburka, Z., Ćelić, A., Petri, E. and Škerlová, J " In situ proteolysis of N-terminal His tag with thrombin improves diffraction quality of human aldo-keto reductase 1C3 crystals". Acta Cryst F: Structural Biology, 2018 74(5), 300-306.
2.	Kuo I ,Keeler C, Corbin R, Ćelić A, Petri E, Hodsdon M, and Ehrlich B "The number and location of EF hand motifs dictates the calcium dependence of polycystin-2 function." *FASEB J* 28, 5(2014): 2332-2346.
3.	Ajduković J, Đurendić E, Petri E, Klisurić O, Ćelić A, Sakač M, Jakimov,D Penov Gaši K. "17 (E)-Picolinylidene androstane derivatives as potential inhibitors of prostate cancer cell growth: Antiproliferative activity and molecular docking studies." *Bioorganic & medicinal chemistry* 21, 23(2013): 7257-7266.
4.	Ćelić A, Petri ET, Benbow J, Hodsdon M, Ehrlich BE "Calcium-induced conformational changes in the C-terminal tail of polycystin-2 are necessary for channel gating" *Journal of Biol. Chemistry* (2012)
5.	Petri ET, Ćelić A, Kennedy S, Ehrlich BE, Boggon TJ, Hodsdon M. "Structure of EF hand domain of polycystin-2 suggests mechanism for Ca^{2+}-dependent regulation of polycystin-2 channel activity" *Proceedings of national Academy of Sciences PNAS* 2010 107(20):9176-81.
6.	Blachford CR, Ćelić A, Petri ET, Ehrlich BE. "Discrete proteolysis of neuronal calcium sensor 1 (NCS-1) by □-calpain disrupts calcium binding". *Cell Calcium*. 2009; 46(4):257-62.
7.	Casuscelli J, Schmidt S, DeGray B, Petri ET, Ćelić A, Folta-Stogniew E, Ehrlich BE, Boggon TJ. "Analysis of the cytoplasmic interaction between polycystin-1 and polycystin-2." *Am J Phys Renal Physiol.* 2009 297(5).
8.	Ćelić, A, Petri ET,Demeler B, Ehrlich BE, Boggon TJ, "Domain Mapping of the Polycystin-2 C-terminal Tail using De Novo Molecular Modeling and Biophysical Analysis", J of Biol Chemistry 2008 ;283(42):28305-12.
9.	Kumar A*, Petri ET*, Halmos B, Boggon TJ. "Structure and Clinical Relevance of EGF Receptor in Human Cancer" *Journal of Clinical Oncology* 2008 26(10):1742-51,
10.	Petri ET, Errico A, Hunt T, Basavappa R "Crystal structure of human cyclin B" *Cell Cycle*. 2007 6(11):1342-9.

Summary of the instructor's scientific achievements

Total citations (excluding self-citations)	520	
Total number of publications on SCI or SSCI list	25	
Current Scientific Projects	National 2	International 3

Specializations 2006-2011 Postdoctoral studies, Yale School of Medicine, Pharmacology