ZORICA STOJIĆ-VUKANIĆ

Employment Information:

- 2016- Full Professor, University of Belgrade - Faculty of Pharmacy, Belgrade, Republic of Serbia
- 2010-2016 Associate Professor, University of Belgrade - Faculty of Pharmacy, Belgrade, RS
- 2005-2010 Assistant Professor, University of Belgrade - Faculty of Pharmacy, Belgrade, RS
- 1994-2005 Teaching assistant, University of Belgrade - Faculty of Pharmacy, Belgrade, RS
- 1989-1994 Junior teaching assistant, University of Belgrade - Faculty of Pharmacy, Belgrade, RS

Education:

- 2015- Specialist in Biological Medicines, University of Belgrade - Faculty of Pharmacy, Belgrade, RS
- 2004- Ph.D., University of Belgrade - Faculty of Pharmacy, Belgrade, RS
- 1993- Mr.Sc., University of Belgrade - Faculty of Pharmacy, Belgrade, RS
- 1988- Graduated, University of Belgrade - Faculty of Pharmacy, Belgrade, RS

Teaching activities:

- Immunology, Immunology with Immunochemistry and Fundamentals of Pharmaceutical Biotechnology (Integrated Academic Studies; IAS)
- All compulsory and elective courses in Specialist Academic Studies (SAS) Biological Medicines
- Immunoregulation and immunomodulation and Critical review of the literature (Doctoral Academic Studies; DAS)
- Mentor of 2 doctoral theses and a number of final theses on SAS Biological Medicines
- Member in 4 Committees for doctoral theses and in numerous Committees for specialization.

Textbooks:

Nevena Arsenović Ranin, Zorica Stojić-Vukanić, Biljana Bufan. Metode u imunologiji i imunohemiji. Univerzitet u Beogradu - Farmaceutski fakultet, Beograd, 2017.

Activities within the Faculty:

At present- Member of the Ethics Committee, Committee for Specialist Studies, Committee for Knowledge Retention Test, Ethics Committee for Biomedical Research, Working Group for the Establishment of a Biomedical Laboratory.

Activities within wider Academic Community:

2021- Member of the Scientific Committee, VIII Congress of Pharmacists
1990- Immunological Society of Serbia (past secretary-general).

Projects:

2020- Research activities funded by Ministry of Education, Science and Technological Development of the Republic of Serbia through Grant Agreements with University of Belgrade-Faculty of Pharmacy.
2011-2019 Age-dependent plasticity of the immune system: immunomodulatory potential of estrogens (project number 175050), Ministry of Education, Science and Technological Development, Republic of Serbia.

Publications:

1. **Stojić-Vukanić Z**, Hadžibegović S, Nicole O, Nacka-Aleksić M, Leštarević S, Leposavić G. CD8+ T Cell-Mediated Mechanisms Contribute to the Progression of Neurocognitive Impairment in Both Multiple Sclerosis and Alzheimer's Disease? Front Immunol. 2020; 11: 566225. doi: 10.3389/fimmu.2020.566225

2. **Stojić-Vukanić Z**, Pilipović I, Bufan B, Stojanović M, Leposavić G. Age and sex determine CD4+ T cell stimulatory and polarizing capacity of rat splenic dendritic cells. Biogerontology 2019 Oct; doi: 10.1007/s10522-019-09845-y

3. **Stojić-Vukanić Z**, Pilipović I, Djikić J, Vujnović I, Nacka-Aleksić M, Bufan B, Arsenović-Ranin N, Kosec D, Leposavić G. Strain specificities in age-related changes in mechanisms promoting and controlling rat spinal cord damage in experimental autoimmune encephalomyelitis. Exp Gerontol. 2018 Jan;101:37-53. doi: 10.1016/j.exger.2017.11.002.

4. **Stojić-Vukanić Z**, Kotur-Stevuljević J, Nacka-Aleksić M, Kosec D, Vujnović I, Pilipović I, Dimitrijević M, Leposavić G. Sex Bias in Pathogenesis of Autoimmune Neuroinflammation: Relevance for Dimethyl Fumarate Immunomodulatory/Anti-oxidant Action. Mol Neurobiol. 2017 May 22. doi: 10.1007/s12035-017-0595-2.

5. **Stojić-Vukanić Z**, Pilipović I, Vujnović I, Nacka-Aleksić M, Petrović R, Arsenović-Ranin N, Dimitrijević M, Leposavić G. GM-CSF-producing Th cells in rats sensitive and resistant to experimental autoimmune encephalomyelitis. PLoS One. 2016 Nov 10;11(11):e0166498. doi: 10.1371/journal.pone.0166498.

6. **Stojić-Vukanić Z**, Bufan B, Pilipović I, Vujnović I, Nacka-Aleksić M, Petrović R, Arsenović-Ranin N, Leposavić G. Estradiol enhances capacity of TLR-matured splenic dendritic cells to polarize CD4+ lymphocytes into IL-17/GM-CSF-producing cells in vitro. Int Immunopharmacol. 2016 Nov;40:244-253. doi: 10.1016/j.intimp.2016.09.001.

7. **Stojić-Vukanić Z**, Nacka-Aleksić M, Pilipović I, Vujnović I, Blagojević V, Kosec D, Dimitrijević M, Leposavić G. Aging diminishes the resistance of AO rats to EAE: Putative role of enhanced generation of GM-CSF expressing CD4+ T cells in aged rats. Immun Ageing 2015; 12:16. doi: 10.1186/s12979-015-0044-x.

8. **Stojić-Vukanić Z**, Bufan B, Arsenović-Ranin N, Kosec D, Pilipović I, Perišić-Nanut M, Leposavić G. Aging affects AO rat splenic conventional dendritic cell subset composition, cytokine synthesis and T-helper polarizing capacity. Biogerontol 2013; 14: 443-459.

9. **Stojić-Vukanić Z**, Rauski A, Kosec D, Radojević K, Pilipović I, Leposavić G. Dysregulation of T-cell development in adrenal glucocorticoid-deprived rats. Exp Biol Med (Maywood) 2009; 234:1067-1074. doi: 10.3181/0902-RM-63.

10. **Stojić-Vukanić Z**, Colić M, Dimitrijević M. Effect of pentoxifylline on differentiation and maturation of human monocyte-derived dendritic cells *in vitro*. Int Immunopharmacol 2007;7:167-174. doi: 10.1016/j.intimp.2006.09.005.