Jasmina Đuretić

Employment Information:

- 2021 – present Assistant Professor, Department of Pathobiology
- 2020 - 2021 Teaching assistant, Department of Pathobiology
- 2018- 2020 Junior teaching assistant, Department of Pathobiology
- 2010-2018 Teaching assistant, Department of Physiology
- 2008-2010 Junior teaching assistant, Department of Physiology

Education:

- 2020. Specialist in pharmacy, specialist academic studies, study program - Biological drugs, University of Belgrade - Faculty of Pharmacy
- 2019. PhD University of Belgrade – Faculty of Pharmacy, RS
- 2007. MD University of Niš – Faculty of Medicine, RS

Training:

- 2021. International Program "Hyperbaric Medicine" organized by the European Center for Peace and Development of the UN University for Peace, Belgrade
- 2019. seminar and workshop “3 generations of PCR” (PCR, qPCR, ddPCR) organized by Labena d.o.o, Belgrade
- 2014. training for work on the BD FACSCalibur device and in the BD CellQuest Pro software organized by BD Bioscience (trainer: Tim Schenkel)
- 2009. training for working with experimental animals, University of Belgrade - Faculty of Pharmacy.

Academic awards and distinctions:

- 2014. Annual award of the Faculty of Pharmacy (1st place) for scientific research work during postgraduate studies.
- 2004 Scholarship of the Norwegian Embassy (500 best students of Serbia)

Teaching activities:

- From 2021, she is the responsible teacher in the subjects Pathophysiology 1 and Pathophysiology 2 in integrated academic studies

Activities within the Faculty:

- 2011. Member of the Committee for conducting enrollment in the first year of integrated academic studies
- 2020. Member of the Commitee for the Inventory of Receivables and Liabilities

Activities within wider Academic Community:

- Member of the Society of Immunologists of Serbia

Projects:

- 2015-2019 Participation in the national project: "Plasticity of the immune system during aging: immunomodulatory potential of estrogen" (project number 175050), which was carried out by the Ministry of Education, Science and Technological Development of the Republic of Serbia.
- 2021 Participation in the multilateral international COST project CA18226 New approaches in detection of pathogens and aeroallergens

Publications:

- **Djuretić J**, Dimitrijević M, Stojanović M, Stevuljević JK, Hamblin MR, Micov A, Stepanović-Petrović R, Leposavić G. Infrared radiation from cage bedding moderates rat inflammatory and autoimmune responses in collagen-induced arthritis. Sci Rep. 2021 Feb 3;11(1):2882. doi: 10.1038/s41598-021-81999-7. (IF 2020: 4,379)
- **Djuretić J**, Pilipović I, Stojić-Vukanić Z, Leposavić G. Natural killer cells as participants in pathogenesis of rat experimental autoimmune encephalomyelitis (EAE): lessons from research in rats of distinct age and strain. Centr Eur J Immunol. 2019;44 (4):337-56. doi: 10.5114/ceji.2019.92777. (IF 2017: 1,787)
- 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;101:37-53. doi: 10.1016/j.exger.2017.11.002. (IF 2016: 3,340)
- Nacka-Aleksić M, **Djikić J**, Pilipović I, Stojić-Vukanić Z, Kosec D, Bufan B, Arsenović-Ranin N, Dimitrijević M, Leposavić G. Male rats develop more severe experimental autoimmune encephalomyelitis than female rats: sexual dimorphism and diergism at the spinal cord level. Brain Behav Immun. 2015;49:101-118. doi:10.1016/j.bbi.2015.04.017. (IF 2013: 6,128)

- **Djikić J**, Nacka-Aleksić M, Pilipović I, Stojić-Vukanić Z, Bufan B, Kosec D, Dimitrijević M, Leposavić G. Age-associated changes in rat immune system: lessons learned from experimental autoimmune encephalomyelitis. Exp Gerontol. 2014;58:179-97. doi: 10.1016/j.exger.2014.08.005. (IF 2012: 3,911)
- **Djikić J**, Nacka-Aleksić M, Pilipović I, Kosec D, Arsenović-Ranin N, Stojić-Vukanić Z, Dimitrijević M, Leposavić G. Age-related changes in spleen of Dark Agouti rats immunized for experimental autoimmune encephalomyelitis. J Neuroimmunol. 2015;278:123-35. doi: 10.1016/j.jneuroim.2014.12.014. (IF 2013: 2,786)
- Stojić-Vukanić Z, Nacka-Aleksić M, Bufan B, Pilipović I, Arsenović-Ranin N, **Djikić J**, Kosec D, Leposavić G. 17β-Estradiol influences in vitro response of aged rat splenic conventional dendritic cells to TLR4 and TLR7/8 agonists in an agonist specific manner. Int Immunopharmacol. 2015;24(1):24-35. doi:10.1016/j.intimp.2014.11.008. (IF 2013: 2,711)
- Arsenović-Ranin N, Kosec D, Nacka-Aleksić M, Pilipović I, Stojić-Vukanić Z, **Djikić J**, Bufan B, Leposavić G. Ovarian hormone level alterations during rat post-reproductive life-span influence CD8+ T-cell homeostasis. Exp Biol Med. (Maywood) 2015;240(10):1319-32. doi: 10.1177/1535370215570817. (IF 2015: 2,542)
- Bufan B, Stojić-Vukanić Z, **Djikić J**, Kosec D, Pilipović I, Nacka-Aleksić M, Arsenović-Ranin N, Leposavić G. Aging impairs endocytic capacity of splenic dendritic cells from dark agouti rats and alters their response to TLR4 stimulation. Acta Vet-Beograd. 2015; 65.1:30-55. doi: 10.1515/acve-2015-0003. (IF 2015: 0,741)
- Radojević K, Rakin A, Pilipović I, Kosec D, **Djikić J**, Bufan B, Vujnović I, Leposavić G. Effects of catecholamines on thymocyte apoptosis and proliferation depend on thymocyte microenvironment. J Neuroimmunol. 2014;272:16-28. Doi: 10.1016/j.jneuroim.2014.04.010. (IF 2012: 3,033)