

dr Jelena Antic Stankovic

Employment Information:

- 2016 - full time professor, Faculty of Pharmacy, University of Belgrade
- 2011 - 2016 Associate Professor, Faculty of Pharmacy, University of Belgrade
- 2006 - 2011 Assistant Professor, Faculty of Pharmacy, University of Belgrade
- 1996 - 2006 teaching assistant in the Department of Microbiology and Immunology, Faculty of Pharmacy, University of Belgrade

Education:

- 2005 - Ph.D., Faculty of Pharmacy, University of Belgrade
- 1995 - M.Sc., Faculty of Pharmacy, University of Belgrade
- 1992 - graduated from the Faculty of Pharmacy, University of Belgrade

Training:

- English as a medium of instruction for academics, University of Southampton, 2020.
- 2nd Conference on Medical Laboratory Accreditation on Quality Systems
CLAQ2018, 26-27. 11. 2018, Belgrade
- Bioburden testing in Pharma industry, 19.09.2018., Belgrade
- „Bioinformatics for Quantitative Genomics“, 3-6. 7. 2018. Spain
- Moodle moot, 2017., Belgrade
- Seminar Sterility testing made easy, 2017., Belgrade
- 4th Theodor Escherich Symposium 2017, Austria
- Training and Research for Academic Newcomers, University of Belgrade, 2016.

Academic awards and distinctions:

- 2017 - The Erasmus+ Programme scholarship for staff mobility for teaching at the Faculty of Pharmacy in Granada, Spain
- 2010 - Postdoctoral Fellowship (6 months), Ministry of Education, Science and Technological Development of the Republic of Serbia
- 2009 - Basileus Project Fellowship (1 month), Faculty of Pharmacy, University of Ljubljana, Slovenia
- 2002 - Ministry of Education, Science and Technological Development of the Republic of Serbia award for young scientists
- 1997 - Award for the best paper presented at the FIP World Congress of Pharmacy and Pharmaceutical Sciences in the Young Pharmacists Group

Teaching activities:

- integrated academic studies: Microbiology
- doctoral studies: Microbiology 1, Microbiology 2, Vaccines, Communication and presentation skills
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Activities within the Faculty:

- 2019 to date: Curriculum Committee member at the Faculty of Pharmacy, University of Belgrade
- 2013 - 2016: Postgraduate Studies – Doctoral Studies Committee member, Faculty of Pharmacy, University of Belgrade
- 2016 - 2019: Head of the Microbiology and Immunology Department
- 2012 - 2015: Faculty of Pharmacy Council member

Projects:

Open projects: [COST CA 20113](#), [COST CA 18226](#)

Publications:

1. Đoković JB, Savić SM, Mitrović JR, Nikolic I, Marković BD, Randjelović DV, Antic-Stankovic J, Božić D, Cekić ND, Stevanović V, Batinić B, Arandelović J, Savić MM, Savić SD. Curcumin Loaded PEGylated Nanoemulsions Designed for Maintained Antioxidant Effects and Improved Bioavailability: A Pilot Study on Rats. *Int J Mol Sci.* 2021 Jul 27;22(15):7991. doi: 10.3390/ijms22157991. PMID: 34360758; PMCID: PMC8347926.
2. Gledovic A, Janosevic Lezaic A, Nikolic I, et al. Polyglycerol Ester-Based Low Energy Nanoemulsions with Red Raspberry Seed Oil and Fruit Extracts: Formulation Development toward Effective In Vitro/In Vivo Bioperformance. *Nanomaterials (Basel).* 2021;11(1):217. Published 2021 Jan 15. doi:10.3390/nano11010217
3. Nikolic I, Mitsou E, Damjanovic A, Papadimitriou V, Antic-Stankovic J, Stanojevic B, Xenakis A, Savić S: Curcumin-loaded low-energy nanoemulsions: Linking EPR spectroscopy-analysed microstructure and antioxidant potential with in vitro evaluated biological activity, *Journal of Molecular Liquids*, 2020, vol 301, 112479, doi.org/10.1016/j.molliq.2020.112479
4. Damjanovic A, Kolundžija B, Matic I, Krivokuca A, Zdunic G, Šavikin K, Jankovic R, Antic Stankovic J, Stanojkovic T: Mahonia aquifolium Extracts Promote Doxorubicin Effects against Lung Adenocarcinoma Cells In Vitro, *Molecules*, 2020; vol 25 (22), 5233-5247; doi:10.3390/molecules25225233
5. Ines Nikolić I, Antić-Stanković J, Božić D, Randjelovic D, Bojan Marković, Jasmin Lunter D, Kremenović A, Savić M, Savić S: Curcumin nanonization using an alternative small-scale production unit: selection of proper stabilizer applying basic physicochemical consideration and biological activity assessment of nanocrystals, *Reviews on Advanced Materials Science*, 2020; 59: 406–424
6. Gledovic A, Janosevic Lezaic A, Krstonosic B, Djokovic J, Nikolic I, Bajuk-Bogdanovic D, Antic Stankovic J, Randjelovic D, Savić SM, Filipovic M, Tamburic, Savić SD: Low-energy nanoemulsions as carriers for red raspberry seed oil: Formulation approach based on Raman spectroscopy and textural analysis, physicochemical properties, stability and in vitro antioxidant/ biological activity, *Plone One*, 2020; vol 15, (4), doi.org/10.1371/journal.pone.0230993 (IF 2,740)
7. Dabetic NM, Todorovic VM, Djuricic ID, Antic Stankovic JA, Basic ZN, Vujovic DS, Sobajic SS. Grape Seed Oil Characterization: A Novel Approach for Oil Quality Assessment, 2020, *European Journal of Lipid Science and Technology*, 2020; vol. 122 (6), 1900447, DOI: 10.1002/ejlt.201900447
8. Antonijevic Nikolic M, Antic Stankovi J, Tanaskovic S: Synthesis, characterization and in vitro antiproliferative and antibacterial studies of tetraazamacrocyclic complexes of Co(II) and Cu(II) with pyromellitic acid, *J Coord Chem*, 2018, 71(10): 1542-1559
9. Mirjana Antonijević-Nikolić, Jelena Antić-Stanković, Branka Dražić, Sladjana Tanasković, New macrocyclic Cu(II) complex with bridge terephthalate: synthesis, spectral properties, in vitro cytotoxic and antimicrobial activity. Comparison with related complexes, *J Mole Struct.* 2018, ISSN 0022-2860, <https://doi.org/10.1016/j.molstruc.2018.10.027>
10. Perovic S, Veinovic G, Antic Stankovic J: A review on antibiotic resistance: origin and mechanisms of bacterial resistance as biological phenomenon, *Genetika.* 2018, 50(3): 1123-1135.