

Marina Milenković

Employment Information:

- 2013- Professor of Microbiology, University of Belgrade-Faculty of Pharmacy
- 2015-2018 Vice Dean for Teaching, University of Belgrade-Faculty of Pharmacy
- 2010-2013 Head of Department of Microbiology and Immunology
- 2008-2013 Associate professor of Microbiology
- 2003-2008 Assistant professor of Microbiology
- 1995-2003 Senior Teaching Assistant of Microbiology
- 1994-1995 Teaching Assistant at Department of Microbiology and Immunology, University of Belgrade- Faculty of Pharmacy
- 1992-1994 Employee in ICN Galenika
- 1989-1990 Medical training in Clinical and Hospital Centre «Zvezdara»

Education:

- 2002 PhD - University of Belgrade- Faculty of Pharmacy,
- 1998 Specialization of Microbiology and Parasitology, University of Belgrade School of Medicine
- 1993 Master of Science -University of Belgrade -School of Medicine
- 1990 State exam, after one year training in Clinical and Hospital Centre «Zvezdara»
- 1988 Medical doctor-University of Belgrade -School of Medicine
- 1982 XI Belgrade's Gymnasium

Training:

- 2017 Development of competency-based pharmacy education, Utrecht Summer School
- 2012 Laboratory animal welfare, University of Belgrade School of Medicine
- 2004 Teaching and Learning, Robert Gordon University, Aberdeen

Academic awards and distinctions:

- 1993-1990 Scholarship of the Republic Foundation for Scholarships of Scientific and Artistic youth of Serbia
- 1988-1985 Scholarship of the Republic Foundation for Scholarships of Scientific and Artistic youth of Serbia

Teaching activities:

- Participates in teaching of theoretical classes in integrated academic studies (courses: Microbiology, Selected Topics in Microbiology and Laboratory Microbiology) as well as in the implementation of teaching Microbiology in doctoral academic studies. She is engaged in teaching for specialist studies of Medical Biochemistry, Biochemical Diagnostics, Sanitary Chemistry, Biological Drugs, Industrial Pharmacy and Release of Medicinal Products on the Market. She was a mentor of three defended doctoral dissertations, member of the Commission of 13 doctoral dissertations, 5 master's theses and mentor of 9 specialist theses.

Textbooks:

1. Valentina Arsić Arsenijević, Suzana Otašević, Marina Milenković, Dušan Pavlica, Medicinska mikologija i parazitologija (za studente medicine, farmacije i stomatologije), Izdavač Centar za inovacije u mikologiji, Beograd, Društvo medicinskih mikologa Srbije, 2012.
2. Marina Milenković, Nevena Arsenović-Ranin, Opšta i specijalna bakteriologija za studente farmacije, Univerzitet u Beogradu, Farmaceutski fakultet, 2013.
3. Marina Milenković, Jelena Antić Stanković, Dragana Božić, Brankica Filipić, Praktikum iz mikrobiologije za studente farmacije, Univerzitet u Beogradu, Farmaceutski fakultet, 2017.

Activities within the Faculty:

- 2018- Member of Faculty Council
- 2018- Member of Quality Commission
- 2019- Coordinator for doctoral studies
- 2018- Head of the Laboratory for microbiological investigation
- 2015-2018 Vice Dean for Teaching
- 2008-2011 President of Quality Commission for improvement of doctoral studies
- 2006- Member of the editorial board of the Archives of Pharmacy

Activities within wider Academic Community:

- In this section indicate memberships in Committees, Associations, Societies, etc. relevant to science and education, peer review activities, etc. (chronologically, starting from the present).
- Technical expert of the Accreditation Body of Serbia (ATS)
- Reviewer in international scientific journals Microbial Pathogenesis, Frontiers in Microbiology, Front Bioeng Biotechnol., Journal of Applied Microbiology
- President of the Board for Higher Education in the Trade Union of Education
- Member of the Society of Microbiologist of Serbia

Projects:

- 2021. Active substances from supercritical plant extracts for high value added products, Eypeka - GREENTECH.
- 2021. COST Action CA20130, European MIC Network - New paths for science, sustainability and standards, Acronym: Euro-MIC.
- Investigation of medicinal plants: morphological, chemical and pharmacological characterization (173021), Genes and molecular mechanisms underlying the probiotic activity of lactobacilli (173019).
- 2005-2010. Investigation of medicinal plants: morphological, chemical and pharmacological characterization (143012).
 - 1996-2001. Molecular base of immuno/inflammatory response in autoimmune disease-mechanisms of regulation and modulation.

Publications:

1. Filipović N, Ušjak D, **Milenković MT**, Zheng K, Liverani L, Boccaccini AR, Stevanović MM Comparative study of the antimicrobial activity of selenium nanoparticles with different surface chemistry and structure. *Front Bioeng Biotechnol.* 2021; 8, 1591.
2. Ušjak D, Dinić M, Novović K, Ivković B, Filipović N, Stevanović M, **Milenković MT**. Methoxy-Substituted Hydroxychalcone Reduces Biofilm Production, Adhesion and Surface Motility of *Acinetobacter baumannii* by Inhibiting ompA Gene Expression. *Chem Biodivers.* 2020; 17, e2000786
3. Obradović D, Nikolić S, Milenković I, **Milenković M**, Jovanović P, Savić V, Alexander Roller A, Đorđić Crnogorac M, Stanojković T, Grgurić-Šipka S, Synthesis, characterization, antimicrobial and cytotoxic activity of novel half-sandwich Ru(II) arene complexes with benzoylthiourea derivatives, *Journal of Inorganic Biochemistry*, 2020; Volume 210, , <https://doi.org/10.1016/j.jinorgbio.2020.111164>

4. Ušjak D, Ivković B, Božić DD, Bošković L, **Milenković M**. Antimicrobial activity of novel chalcones and modulation of virulence factors in hospital strains of *Acinetobacter baumannii* and *Pseudomonas aeruginosa*. *Microb Pathog*. 2019; 131, 186-96.
5. Dinic MR, Pecikoza UB, Djokic J, Stepanovic-Petrovic RM, **Milenkovic M**, Filipovic N , Begovic JM , Golic NE, Lukic J M. Exopolysaccharide Produced by Probiotic Strain *Lactobacillus paraplantarum* BGCG11 Reduces Inflammatory Hyperalgesia in Rats. *Front Pharmacol*. 2018: Jan 17;9:1. vol.9 doi :10.3389/phar.2018.00000
6. Stojkovska J, Petrovic P, Jancic I, **Milenkovic MT**, Obradovic B. Novel nano-composite hydrogels with honey effective against multi-resistant clinical strains of *Acinetobacter baumannii* and *Pseudomonas aeruginosa*. *Appl Microbiol Biotechnol*. 2019, vol. 10: 8529–43.
7. Osmokrovic A, Jancic I, Vunduk J, Petrovic P, **Milenkovic M**, Obradovic B. Achieving high antimicrobial activity: Composite alginate hydrogel beads releasing activated charcoal with an immobilized active agent. *Carbohydr Polym*. 2018; vol. 196: 279-88.
8. Dinić M, Lukić J, Djokić J, **Milenković M**, Strahinić I, Golić N, Begović J. *Lactobacillus fermentum* postbiotic-induced autophagy as potential approach for treatment of acetaminophen hepatotoxicity. *Frontiers in Microbiology*, 2017; <https://doi.org/10.3389/fmicb.2017.00594>
9. Dinić M, Lukić J, Djokić J, **Milenković M**, Strahinić I, Golić N, Begović J. *Lactobacillus fermentum* postbiotic-induced autophagy as potential approach for treatment of acetaminophen hepatotoxicity. *Frontiers in Microbiology* 2017; 8: 594. doi: 10.3389/fmicb.2017.00594
10. **M Milenković**, D Vučićević, P Milosavljević, N Arsenović Ranin, Z Stojić Vukanić, M Čolić. Suppression of experimental autoimmune myocarditis by sodium fusidate (fusidin). *Pharmacological Research* 2005;52:491-496.