

# Curriculum Vitae

**Marina Dimitrijević**



## Personal information

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**ResearchGate:** [https://www.researchgate.net/profile/Marina\\_Dimitrijevic/stats](https://www.researchgate.net/profile/Marina_Dimitrijevic/stats)

**Date and place of birth:** 19.06.1992. Leskovac, Serbia

**Citizenship:** Serbian

**Research field and area/areas:** Microbiology; Biotechnology

## Work experience

2020-	<b>Junior Researcher</b> <i>Faculty of Sciences and Mathematics, Department of Biology and Ecology, University of Niš, Serbia</i>
2017-	<b>PhD student-researcher</b> <i>Faculty of Sciences and Mathematics, Department of Biology and Ecology, University of Niš, Serbia</i> Scholarship of the Ministry of Education and Science of the Republic of Serbia for the inclusion of PhD students in research projects

## Education

2016-	<b>PhD in Biology</b> , Faculty of Sciences and Mathematics, Department of Biology and Ecology; University of Niš, Serbia. Module: Microbiology
2014-2016	<b>MSc degree in Biology</b> , Faculty of Sciences and Mathematics, Department of Biology and Ecology; University of Niš, Serbia. Title of defended final thesis: "Frequency of isolation and antibiotic resistance of bacterial isolates from wound swabs"
2011-2014	<b>BSc degree in Biology</b> , Faculty of Sciences and Mathematics, Department of Biology and Ecology; University of Niš, Serbia
2007-2011	<b>Medical High School</b> ; Leskovac, Serbia

## Personal skills

- Mother tongue(s) - Serbian
- Other language(s) – English level B1
- Good communication and organisation skills
- Responsible, teachable, initiative, persistent, dedicated, cooperative
- Digital skills: Microsoft Office tools (Word, Excel, Power Point, etc.); Prism GraphPad; Good command of web research tools (SciFinder, Scopus)
- Driving licence: B

## Job-related skills

### Research experience:

- Antimicrobial activity of different plant secondary metabolites (PSM)
- Antifungal activity of PSM
- Isolation of the active principles of PSM
- Mode of antimicrobial/antifungal action

## Publications in international SCI-journals

1. Stojanović-Radić, Z., Pejčić, M., **Dimitrijević, M.**, Aleksić, A., V Anil Kumar, N., Salehi, B., William C., Sharifi-Rad, J.: Piperine-A Major Principle of Black Pepper: A review of its bioactivity and studies. *Applied Sciences*, 9 (20), **2019**: 4270.
2. Salehi, B., **Dimitrijević, M.**, Aleksić, A., Neffè-Skocinska, K., Zielinska, D., Kolożyn-Krajewska, D., Sharifi-Rad, J., Stojanović-Radić, Z., Milton Prabu, S., Rodrigues, C., Martins, N.: Human microbiome and homeostasis: insights into the key role of prebiotics, probiotics and symbiotics. *Critical Reviews in Food Science and Nutrition*, **2020**: 1-14.
3. Stojanović-Radić, Z., **Dimitrijević, M.**, Genčić, M., Pejčić, M., Radulović, N.: Anticandidal activity of *Inula helenium* root essential oil: Synergistic potential, anti-virulence efficacy and mechanism of action. *Industrial Crops and Products*, 149, **2020**: 112373.
4. Pejčić, M., Stojanović-Radić, Z., Genčić, M., **Dimitrijević, M.**, Radulović, N.: Antivirulence potential of basil and sage essential oils: Inhibition of biofilm formation, motility and pyocyanin production of *Pseudomonas aeruginosa* isolates. *Food and Chemical Toxicology*, **2020**: 111431.
5. Sharifi-Rad, J., Rodrigues, C. F., Stojanović-Radić, Z., **Dimitrijević, M.**, Aleksić, A., Neffè-Skocinska, K., Zielinska, D., Kolożyn-Krajewska, D., Salehi, B., Milton Prabu, S., Schutz, F., Oana Docea, A., Martins, N., Calina, D.: Probiotics: Versatile Bioactive Components in Promoting Human Health. *Medicina*, 56 (9), **2020**: 433.

## Other Publications

1. Stojanović-Radić, Z., **Dimitrijević, M.**, Stanković, N., Pejčić, M.: Frequency of isolation and antibiotic resistance patterns of bacterial isolates from wound infections. *Biologica Nyssana*, 7 (2), **2016**: 151-158.
2. Stanković, N., Joković, N., Mihajilov Krstev, T., Pejčić, M., **Dimitrijević, M.**: Frequency and antibiotic resistance of bacteria in urinary tract infections in south Serbia. *Biologica Nyssana*, 8 (2), December **2017**: 137-144.

## International Conferences

1. Stojanović-Radić, Z., **Dimitrijević, M.**, Pejčić, M., Stanković, N., Genčić, M., Živković, M., Radulović, N.: Anticandidal activity of *Inula helenium* root essential oil: synergistic potential, anti-virulence efficacy, and mechanism of action. **49<sup>th</sup> International Symposium on Essential Oils, Niš, Serbia, 2018**. *Facta Universitatis, Series Physics, Chemistry and Technology*, 16 (1), 2018: 82
2. Stojanović-Radić, Z., Pejčić, M., **Dimitrijević, M.**, Stanković, N., Genčić, M., Radulović, N.: Inhibitory effects of *Ocimum basilicum* and *Salvia officinalis* essential oils on virulence factors of *Pseudomonas aeruginosa* clinical isolates. **49<sup>th</sup> International Symposium on Essential Oils, Niš, Serbia, 2018**. *Facta Universitatis, Series Physics, Chemistry and Technology*, 16 (1), 2018: 43.

## National Conferences

1. **Dimitrijević, M.**, Stojanović-Radić, Z., Pejčić, M., Dinčev, S.: Anticandidal activity of *Satureja montana* and *Thymus vulgaris* essential oils: synergistic potential and anti-virulence efficacy. **13<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Stara planina, Serbia, 2019**.
2. Pejčić, M., Stojanović-Radić, Z., **Dimitrijević, M.**, Janković, A.: Antipseudomonal activity of *Satureja montana* L. essential oil and its synergistic potential with ciprofloxacin. **13<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Stara planina, Serbia, 2019**.
3. Pejčić, M., Stojanović-Radić, Z., **Dimitrijević, M.**, Stojković, O.: Effects of *Satureja montana* L. essential oil against *Klebsiella pneumoniae* clinical isolates: anti-virulence and synergistic potential. **13<sup>th</sup> Symposium on the Flora of Southeastern Serbia and Neighboring Regions, Stara planina, Serbia, 2019**.
4. Pejčić, M., Stojanović-Radić, Z., **Dimitrijević, M.**: Evaluation of antibiofilm activity of selected commercial essential oils. **13th Symposium with international participation "NOVEL TECHNOLOGIES AND ECONOMIC DEVELOPMENT" Faculty of Technology, Leskovac, Serbia, October, 18-19, 2019**.
5. **Dimitrijević, M.**, Stojanović-Radić, Z., Pejčić, M., Stanković, N., Joković, N., Mihajilov-Krstev, T.: Antimikrobna aktivnost i mehanizmi delovanja etarskog ulja omana (*Inula helenium*) na humane respiratorne izolate. **Drugi kongres biologa Srbije, Kladovo, Serbia, 2018**.

6. Pejčić, M., Stojanović-Radić, Z., **Dimitrijević, M.**, Stanković, N., Mihajilov-Krstev, T.: Antimikrobna aktivnost i mehanizmi antimikrobnog delovanja etarskih ulja eukaliptusa i čajevca na humane respiratorne izolate. *Drugi kongres biologa Srbije, Kladovo, Serbia, 2018.*