

# Ana Aleksić

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## **PERSONAL INFORMATION**

**Contact e-mail:** 90anna.aleksic@gmail.com  
**Telephone:** +381 60 0823841  
**Date and place of birth:** 29.06.1990. Niš, Serbia  
**Research field and area/areas:** Microbiology;  
Biotechnology



## **EDUCATION**

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2020-

### **PhD in Biology,**

*Faculty of Sciences and Mathematics, Department of Biology and Ecology; University of Niš, Serbia. Module: Microbiology*

2012-2015

### **MSc degree in Biology,**

*Faculty of Sciences and Mathematics, Department of Biology and Ecology; University of Niš, Serbia.*

Title of defended final thesis: "Effect of *Allium cepa* L. dried scales extracts and decoct on isolates of genus *Salmonella* in relation to the preparation method and period of treatment "

2009-2012

### **BSc degree in Biology,**

*Faculty of Sciences and Mathematics, Department of Biology and Ecology; University of Niš, Serbia*

2005-2009

Medical High School; Niš, Serbia

## **WORK EXPERIENCE**

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2015-

### **Laboratory technician**

*Laboratory for Microbiology, Department of Biology and Ecology, Faculty of Science and Mathematics, University of Niš, Serbia*

2020-

**Junior Researcher**

*Faculty of Sciences and Mathematics, Department of Biology and Ecology, University of Niš, Serbia*

**PERSONAL SKILLS**

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**Mother tongue(s)** - Serbian

**Other language(s)** – English level B1

**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**

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

## **Publications in international SCI-journals**

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.

Salehi, B., Dimitrijević, M., **Aleksić, A.**, Neffe-Skocinska, K., Zielinska, D., Kolozyn-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.

Sharifi-Rad, J., Rodrigues, C. F., Stojanović-Radić, Z., Dimitrijević, M., **Aleksić, A.**, Neffe-Skocinska, K., Zielinska, D., Kolozyn-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**

Stojanović-Radić, Z., Dimitrijević, M., Stanković, N., **Aleksić, A.**, Pejčić, M.: Frequency of isolation and antibiotic resistance patterns of bacterial isolates from wound infections. *Biologica Nyssana*, 7 (2), **2016**: 151-158.

## **National Conferences**

Žabar Popović, A., Aleksić, M., **Aleksić, A.**, Madić, V., Stojanović, J., Stojanović-Radić, Z., Vasiljević, P. (2019). Antioxidant and antimicrobial potential of *Gleditsia triacanthos* L. pods. **13<sup>th</sup> Symposium on the Flora of Southerneastern Serbia and Neighboring Regions, Stara planina, Serbia, 2019.**