Curriculum Vitae

Danka Radić, Ph.D., Research Associate
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EDUCATION

B.Sc. University in Belgrade, Faculty of Agriculture, Serbia, Food Technology of Plant Products.

Ph.D. University in Belgrade, Faculty of Agriculture, Serbia (2010-2017). Doctoral Dissertation: "Biodiversity of soil yeasts and their importance in sustainable agriculture".

PROFESSIONAL EXPERIENCE

09.02.2011. - 27.03.2017. - Research assistant in University in Belgrade, Faculty of Agriculture, Serbia;

28.03.2017. - 31.03.2021. - Assistant professor (Scientific associate) in Educons University, Faculty of Ecological Agriculture, Sremska Kamenica, Serbia.

01.04.2021. - until now**-** Research Associate**,** Institute of General and Physical Chemistry, Belgrade

PROJECTS

2011-2019 - The Ministry of Education and Science: "Biodiversity as a potential in ecoremediation technologies of the damaged ecosystems", TR 31080;

2013-2016 - FP7-REGPOT-0212-2013 - I, Project number: 316004: Advancing research in agricultural and food sciences at Faculty of Agriculture, University of Belgrade;

2018-2019 - Education of young scientist in ecologically friendly agriculture through WB6-W4 networking, is financed by Visegrad fund and Educons University is leading beneficiary, No 21810366, 24/05/2018 to 13/07/2019;

2018-2020 - CBC Hungary-Serbia (HUSRB/1602/41/0031): "Development of soil type adapted microbiological products promoting ecological pest management-PLANTSVITA";

2019.-2020. - Nondestructive spectroscopic methods as a tool for investigation of soil microorganisms tolerance to heavy metals and their potential for bioremediation" 142-451-2586/2019-01 funded by Provincial Secretariat for higher education and scientific research, Autonomous Province of Vojvodina, The Republic of Serbia. (07.06.2019. - 04.07.2020).

2020.-2021. - External associate on the project between the Ministry of Education, Science and Technological Development of the Republic Serbia and Institute of Field and Vegetable Crops, record number: 451-03-68/2020-14/ 200032 (2020) and 451-03-9/2021-14/200032 (2021).

International scientific collaboration and mobility:

1th September to 28th November 2014. - The training at the Institute for Physical Chemistry, Friedrich Schiller University in Jena (Germany). The basic knowledge and skills necessary for using Raman microscopy for the characterization of microorganisms from soils;

11.12.2017. - 17.12.2017. Erasmus staff mobility in Danubius University, Galati, Romania;

30.08.2018. - 31.08.2018. Workshop with training: "Microbial Biological Control: Opportunities and Risks" in Biology Campus Building, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary;

12.02.2019. - 14.02.2019. Workshop with training: "*Plant phenotyping, Soil and plant microbiome for sustainable agriculture*" in Slovak University of Agriculture in Nitra, Slovakia;

19.03.2019. – 12.05.2019. Participation on EPPN 2020 project, *Trichoderma* - Plant interaction for improvement of drought tolerance, Slovak University of Agriculture Nitra, Slovakia;

13.05.2019. - 17.05.2019. Erasmus teaching mobility in Warsaw University of Life Science, Warsaw, Poland (host: Associate Professor, Grzegorz Bartoszewski).

Language: English, French (basic)

Research field and area: Biotechnology and agriculture, Microbiology, and Microbial ecology.

THE MOST RELEVANT PUBLICATIONS:

1. Saša Đurovića, Darko Micića, Lato Pezoa, **Danka Radić**, Julia G. Bazarnova, Yulia A. Smyatskaya, Stevan Blagojević (2022): Influence of the mowing and drying on the quality of the peppermint (*Mentha* x *piperita* L.) essential oil: chemical profile, thermal properties, and biological activity. Industrial Crops and Products, 177:114492, DOI: 10.1016/j.indcrop.2021.114492.

2. Saša Đurovića, Darko Micića, Lato Pezoa, **Danka Radić**, Julia G. Bazarnova, Yulia A. Smyatskaya, Stevan Blagojević (2022): The effect of various extraction techniques on the quality of sage (*Salvia officinalis* L.) essential oil, expressed by chemical composition, thermal properties and biological activity. Food Chemistry: X, Volume 13, 100213.
3. **Radić, D.**, Pavlović, V., Lazović, M., Jovičić-Petrović, J., Karličić, M., Lalević, B. Raičević, V. (2017): Copper-tolerant yeasts: Raman spectroscopy in determination of bioaccumulation mechanism. Environmental Science and Pollution Research 24 (27): 21885–21893. (IF=2,741, ISSN 0944-1344, KoBSON, Environmental Science, 79/229, 2016).
4. Karličić, V., **Radić, D.**, Jovičić-Petrović, J., Lalević, B., Morina, F., GolubovićCurguz, V., Raičević, V. (2017): Use of overburden waste for London plane (Platanus × acerifolia) growth: the role of plant growth promoting microbial consortia. iForest: Biogeosciences and Forestry 10: 692-699.
5. Obradovic N., Filipovic S., Rusmirovic J., Postole G., Marinkovic A., **Radić D**., Rakic V., Pavlovic V., Auroux A. (2017): Formation of Porous Wollastonite-based Ceramics after Sintering With Yeast as the Pore-forming Agent. Science of Sintering 49 (3): 235-246.
6. Rusmirović J., Obradović N., Filipović S., Kosanović D., Marinković A., **Radić D.,** Pavlović V. (2020): Porous cordierite-supported polyethyleneimine composites for nickel(II) and cadmium(II) ions removal. Desalination and Water Treatment (IF=1,290, ISSN 1944-3994, KoBSON)
7. Franc Željko Županić, **Danka Radić**, Iztok Podbregar (2021): Climate change and agriculture management: Western Balkan region analysis. Energy, Sustainability and Society (2021) 11:51. https://doi.org/10.1186/s13705-021-00327-z
8. **Radić, D.** (2019): Characterization of Microorganisms Using Raman Microscopy. In: Vucelić Radović, B., Lazić, D. and Nikšić, M. (eds.) Application of Molecular Methods and Raman Microscopy/Spectroscopy in Agricultural Sciences and Food Technology, Pp. 161-165. London: Ubiquity Press. DOI: https://doi.org/10.5334/ bbj.k. License: CC-BY 4.0.
9. Karličić, V., **Radić, D.,** Jovičić-Petrović, J., Raičević, V. (2020): Bacterial inoculation: a tool for red clover growth promotion in polluted soil. Journal of Agricultural Sciences, 65 (2): 163-174.
10. Racić, G., Vukelić, I., **Radić, D.**, Bojović, M., Srećkov, Z., Jovanović, Lj., Panković, D. (2021). Determination of heavy metal content in plant rhizosphere grown under organic agriculture. Ecologica, 101:1-5**.**