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OBRAZOVANJE

Osnovne studije: Univerzitet u Beogradu, Poljoprivredni fakultet, smer: Prehrambena tehnologija biljnih proizvoda.

Doktorske studije: Univerzitet u Beogradu, Poljoprivredni fakultet (2010-2017), naziv disertacije: "Biodiverzitet kvasaca u zemljištu i njihov značaj u održivoj poljoprivredi".

RADNO ISKUSTVO:

09.02.2011. - 27.03.2017. – Istraživač saradnik, Univerzitet u Beogradu, Poljoprivredni fakultet;

28.03.2017. - 31.03.2021. – Docent, Univerzitet Edukons, Fakultet ekološke poljoprivrede, Sremska Kamenica;

01.04.2021. – do danas, naučni saradnik, Institut za opštu i fizičku hemiju, Beograd.

PROJEKTI

2011-2019 - MPNTR – 31080 – Biodiverzitet kao potencijal u ekoremedijacionim tehnologijama oštećenih ekosistema

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. – Rukovodilac projekta „Primena nedestruktivnih spektroskopskih metoda u ispitivanju tolerantnosti zemljišnih mikroorganizama prema teškim metalima i njihovog potencijala za bioremedijaciju“, 142-451-2586/2019-01, Pokrajinski sekretarijat za Visoko obrazovanje i naučnoistraživačku delatnost, Autonomna pokrajina Vojvodina, Republika Srbija (07.06.2019. - 04.07.2020).

2020.-2021. – Eksterni saradnik na projektima Ministarstva prosvete, nauke i tehnološkog razvoja Republike Srbije i Naučnog instituta za ratarstvo i povrtarstvo, Novi Sad, Ugovor br. 451-03-68/2020-14/200032 (2020) i 451-03-9/2021-14/200032 (2021).

MEĐUNARODNA SARADNJA (MOBILNOSTI I OBUKE)

1th September to 28th November 2014. – Obuka na Raman mikroskopu, Institut za fizičku hemiju, Friedrich Schiller University in Jena (Germany);

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. Učesnik na 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).

Jezici: English, French (basic)

Naučna oblast, uža naučna oblast: Biotehnologija i poljoprivreda, Mikrobiologija i ekološka mikrobiologija.

BIBLIOGRAFIJA:

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](https://doi.org/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 x acerifolia*) growth: the role of plant growth promoting microbial consortia. *iForest: Biogeosciences and Forestry* 10: 692-699.
5. Obradović N., Filipović S., Rusmirović J., Postole G., Marinković 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.