

Dr Renata Iličić, viši naučni saradnik

Uža naučna oblast: Fitopatologija

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Obrazovanje:

Dipl. inž. polj. (2010) - Poljoprivredni fakultet u Novom Sadu, smer - Fitomedicina

Mast. inž. polj. (2011) - Poljoprivredni fakultet u Novom Sadu, smer - Fitomedicina, modul: Fitopatologija

Doktor nauka (2016) - Poljoprivredni fakultet u Novom Sadu, smer - Agronomija

Odabrane publikacije:

1. **Renata Iličić**, Balaž, J., Stojšin, V., Bagi, F., Pivić, R., Stanojković-Sebić, A., Jošić, D. (2016): Molecular characterization of *Pseudomonas syringae* pvs. from different host plants by repetitive sequence-based PCR and multiplex-PCR. *Zemdirbyste-Agriculture*, 103(2): 199–206.
2. Balaž, J., **Renata Iličić**, Ognjanov, V., Ivanović, Ž., Popović, T. (2016): Etiology of bacterial canker on young sweet cherry trees in Serbia. *Journal of Plant Pathology*, 98(2): 285-294.
3. **Renata Iličić**, Balaž, J., Stojšin, V., Jošić, D. (2016): Characterization of *Pseudomonas syringae* pathovars from different sweet cherry cultivars by RAPD analysis. *Genetika*, (48)1: 285-295.
4. **Renata Iličić**, Balaž, J., Ognjanov, V., Jošić, D., Vlajić, S., Ljubojević, M., Popović, T. (2018): Evaluation of cherry cultivar susceptibility to bacterial canker and leaf spot disease. *Journal of Phytopathology*, 166: 799–808.
5. Popović, T., Jelušić, A., Marković, S., **Renata Iličić** (2019): Characterization of *Pectobacterium carotovorum* subsp. *carotovorum* isolates from a recent outbreak on cabbage in Bosnia and Herzegovina. *Pesticides and Phytomedicine*, 34(3-4): 211–222.
6. **Renata Iličić**, Popović, T. (2020): Occurrence of *Xanthomonas arboricola* pv. *pruni* Causing Bacterial Leaf Spot and Shot-Hole on Peach in Montenegro. *Plant Disease* 104 (4):1250.
7. Popović, T., Jelušić, A., Živković, Lj., Živković, N., **Renata Iličić**, Stanisavljević, R., Stanković, S. (2020): Identification, genetic characterization and virulence of Serbian *Erwinia amylovora* isolates. *European Journal of Plant Pathology*, 157:857-872.
8. Popović, T., Jelušić, A., Mitrović, P., **Renata Iličić**, Marković, S. (2020): Allelic profile of Serbian *Xanthomonas campestris* pv. *campestris* isolates from cabbage. *Pesticides and Phytomedicine*, 35(1): 19-26.
9. Marković, S., Stanković, S., Jelušić, A., **Renata Iličić**, Kosovac, A., Poštić, D., Popović, T. (2021): Occurrence and Identification of *Pectobacterium carotovorum* subsp. *brasiliensis* and *Dickeya dianthicola* Causing Blackleg in some Potato Fields in Serbia. *Plant Disease*, 105 (4): 1080-1090.
10. **Renata Iličić**, Popović, T. (2021): Occurrence of bacterial spot caused by *Xanthomonas arboricola* pv. *pruni* on peach and apricot in Serbia. *Plant Disease*, 105 (3): 697.

11. Trkulja, V., Mitrović, P., Mihić-Salapura, J., **Renata Iličić**, Ćurković, B., Đalović, I., Popović, T. (2021): First report of 'Candidatus Liberibacter solanacearum' on carrot in Serbia. *Plant Disease*. 105 (4): 1188.
12. **Renata Iličić**, Popović, T., Marković, S., Jelušić, A., Bagi, F., Vlajić, S., Stanković, S. (2021): GENETIC DIVERSITY OF *Pseudomonas syringae* PV. *syringae* ISOLATED FROM SWEET CHERRY IN SOUTHERN AND NORTHERN REGIONS IN SERBIA. *Genetika* 53 (1): 247-262.
13. **Renata Iličić**, Balaž J., Ognjanov V., Popović T. (2021): Epidemiology studies of *Pseudomonas syringae* pathovars associated with bacterial canker on the sweet cherry in Serbia. *Plant Protection Science*, 57: 196–205.
14. Marković, S., Stanković, S., **Renata Iličić**, Veljović Jovanović, S., Milić Komić, S., Jelušić, A., Popović, T. (2021): *Ralstonia solanacearum* as a potato pathogen in Serbia: Characterization of strains and influence on peroxidase activity in tubers. *Plant Pathology*, 70 (8): 1945-1959.
15. **Renata Iličić**, Jelušić, A., Marković, S., Barać, G., Bagi, F., Popović, T. (2022): *Pseudomonas cerasi*, the new wild cherry pathogen in Serbia and the potential use of recG helicase in bacterial identification. *Annals of Applied Biology*, 180: 140-150.
16. Marković, S., Milić Komić, S., Jelušić, A., **Renata Iličić**, Bagi, F., Stanković, S., Popović, T. (2022): First report of *Pectobacterium versatile* causing blackleg of potato in Serbia. *Plant Disease* doi/pdf/10.1094/PDIS-06-21-1128-PDN.

Odabrani projekti:

1. III46007 (2013-28.02.2018) - Novi autohtoni izolati bakterija *Lysobacter* i *Pseudomonas* kao važan izvor metabolita korisnih za biotehnologiju, stimulaciju rasta biljaka i kontrolu bolesti bilja: od izolata do preparata: (1) Novi izolati PGP bakterija: efekat sekundarnih metabolita na fitopatogene (2) PGP efekat eksperimentalnih preparata na ratarske i povrtarske kulture - makro ogledi (3) PGP efekat eksperimentalnih preparata na lekovito bilje i voćarske kulture - makro ogledi (učesnik).
2. TR31038 (2013 - 2019) - Stvaranje slabobujnih podloga za trešnju i višnju i razvijanje intenzivne tehnologije gajenja na principima održive poljoprivrede; Razvijanje integralnog koncepta proizvodnje: (1) Ispitivanje zdravstvenog stanja trešnje i višnje i indentifikacija patogena (2) Ispitivanje efikasnosti fungicida i rokovi primene (učesnik).
3. 01.01.2020. - u toku, ugovor o finansiranju naučnoistraživačkog rada i plata istraživača angažovanih u akreditovanim naučnoistraživačkim organizacijama čiji je osnivač Republika Srbija, Ministarstvo prosvete, nauke i tehnološkog razvoja (učesnik).
4. 2021. Podizanje nivoa znanja poljoprivrednika mađarske nacionalne zajednice o ekonomski najznačajnijim prouzrokovateljima oboljenja gajenih biljaka i merama zaštite za njihovo suzbijanje (APV, 142-451-2064/2021-01) (učesnik).
5. 2021. Izazovi u proizvodnji jabuke u Vojvodini u svetlu klimatskih promena i promena na tržištu (APV, 104-401-4768/2021-01) (učesnik).
6. 2022 – u toku, *Alternaria* vrste i mikotoksini u zrnu pšenice – Analiza rizika u Vojvodini, Matica Srpska, Novi Sad (učesnik).

Akadske aktivnosti:

2013–2016 Praktična nastava iz uže naučne oblasti Fitopatologija na osnovnim akademskim studijama, Katedra za fitomedicinu i zaštitu životne sredine, Poljoprivredni fakultet u Novom Sadu.

2020/2021; 2021/2022 Nastava iz predmeta Opšta fitopatologija, Opšta entomologija, Posebna fitopatologija, Posebna entomologija (smer Zaštita Bilja) - Akademija strukovnih studija Šabac, Odsek za Poljoprivredno poslovne studije i turizam.

Članstvo u udruženjima

- APS (American Phytopathological Society)
- Društvo za zaštitu bilja Srbije
- Društvo genetičara Srbije
- Udruženje Mikrobiologa Srbije
- AAB (Association of Applied Biologists)

Oblast istraživanja:

Zaštita bilja, Fitopatologija, Dijagnostika, Molekularna identifikacija i karakterizacija fitopatogenih bakterija, fitoplazmi i gljiva, Fitokarantin.

Ostale aktivnosti:

2020 – u toku Odgovorno lice u oblasti dijagnostike štetnih organizama i zaštite zdravlja bilja, Ugovor Ministarstva poljoprivrede, šumarstva i vodoprivrede Republike Srbije, Uprava za zaštitu bilja.

2020 – 20.01.2022. Zamenik rukovodioca odeljenja za fitopatologiju, Laboratorija za biološka istraživanja i pesticide, Departman za fitomedicinu i zaštitu životne sredine, Poljoprivredni fakultet u Novom Sadu.

01.02.2017–17.12.2018. Koordinator fitokarantina, Departman za fitomedicinu i zaštitu životne sredine, Poljoprivredni fakultet u Novom Sadu.

2010 – u toku Odgovorno lice za primenu sredstava za zaštitu bilja u ratarskoj proizvodnji, Poljoprivredna gazdinstva Iličić, Vajska.

Govori, čita i piše engleski jezik.

Renata Iličić, PhD, Senior Research Associate

Field of research: Phytopathology

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Academic qualifications:

B.Sc. (2010) - University of Novi Sad, Faculty of Agriculture, Course - Phytomedicine

M.Sc. (2011) - University of Novi Sad, Faculty of Agriculture, Course - Phytomedicine, module: Phytopathology

PhD (2016) - University of Novi Sad, Faculty of Agriculture, Course - Agronomy

Selected publications:

1. **Renata Iličić**, Balaž, J., Stojšin, V., Bagi, F., Pivić, R., Stanojković-Sebić, A., Jošić, D. (2016): Molecular characterization of *Pseudomonas syringae* pvs. from different host plants by repetitive sequence-based PCR and multiplex-PCR. *Zemdirbyste-Agriculture*, 103(2): 199–206.
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8. Popović, T., Jelušić, A., Mitrović, P., **Renata Iličić**, Marković, S. (2020): Allelic profile of Serbian *Xanthomonas campestris* pv. *campestris* isolates from cabbage. *Pesticides and Phytomedicine*, 35(1): 19-26.
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13. **Renata Iličić**, Balaž J., Ognjanov V., Popović T. (2021): Epidemiology studies of *Pseudomonas syringae* pathovars associated with bacterial canker on the sweet cherry in Serbia. *Plant Protection Science*, 57: 196–205.
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15. **Renata Iličić**, Jelušić, A., Marković, S., Barać, G., Bagi, F., Popović, T. (2022): *Pseudomonas cerasi*, the new wild cherry pathogen in Serbia and the potential use of recG helicase in bacterial identification. *Annals of Applied Biology*, 180: 140-150.
16. Marković, S., Milić Komić, S., Jelušić, A., **Renata Iličić**, Bagi, F., Stanković, S., Popović, T. (2022): First report of *Pectobacterium versatile* causing blackleg of potato in Serbia. *Plant Disease* doi/pdf/10.1094/PDIS-06-21-1128-PDN.

Selected projects:

1. III46007 (2013-28.02.2018) - New indigenous bacterial isolates *Lysobacter* and *Pseudomonas* as an important source of metabolites useful for biotechnology, plant growth stimulation and disease control: from isolates to inoculants: (1) New isolates of PGP bacteria: effect of secondary metabolites on phytopathogens (2) PGP effect of experimental preparations on field and vegetable crops - macro trials (3) PGP effect of experimental preparations on medicinal plants and fruit crops - macro experiments (participant).
2. TR31038 (2013 - 2019) - Selection of sweet and sour cherry dwarfing rootstocks and the development of Intensive cultivation technology based on the sustainable agriculture principles; Development of an integrated production concept: (1) Health status of sweet and sour cherries and pathogens identification (2) Fungicide efficiency and deadlines application (participant).
3. 01.01.2020. - ongoing contract for financing of scientific research and the salaries of researchers engaged in accredited scientific organizations founded by the Republic of Serbia, Ministry of Education, Science and Technological Development (participant).
4. 2021. Raising the level of knowledge of the Hungarian national community farmers about the most economically significant diseases of cultivated plants and protection measures (APV, 142-451-2064/2021-01) (participant).
5. 2021. Challenges in apple production in Vojvodina in light of climate change and changes in the market (APV, 104-401-4768/2021-01) (participant).
6. 2022 – ongoing, *Alternaria* species and mycotoxins in wheat grain - Risk analysis in Vojvodina, Matica Srpska, Novi Sad (participant).

Academic activities:

2013–2016 Practical work with students of the undergraduate studies in the field of Phytopathology, Department of Plant and Environmental protection, Faculty of Agriculture, Novi Sad.

2020/2021; 2021/2022 Teaching in the General Phytopathology, General Entomology, Special Phytopathology, Special Entomology (Plant Protection). The Academy of Applied Studies in Šabac, Serbia, Department of Agricultural and Business Studies and Tourism.

Memberships

- APS (American Phytopathological Society)
- Plant Protection Society of Serbia
- Serbian Genetics Society
- Association of Microbiologists of Serbia
- AAB (Association of Applied Biologists)

Field of research:

Plant protection, Phytopathology, Diagnostic, Molecular identification and characterization of phytopathogenic bacteria, phytoplasmas and fungi, Phytoquarantine.

Other activities:

2020 – ongoing Responsible researcher in the field of diagnostics of harmful organisms and plant health protection, contract of the Ministry of Agriculture, Forestry and Water Management of the Republic of Serbia, Plant Protection Directorate.

2020 – 20.01.2022. Deputy Head of the Laboratory of Phytopathology, Laboratory for Biological Research and Pesticides, Department of Plant and Environmental protection, Faculty of Agriculture in Novi Sad.

01.02.2017–17.12.2018. Coordinator of the phytoquarantine, Department of Plant and Environmental protection, Faculty of Agriculture in Novi Sad.

2010 – ongoing Responsible person for plant protection in crop production, Agricultural Farms Iličić, Vajska.

Language skills: English.