

Dr Renata Iličić, naučni saradnik

Uža naučna oblast: Fitopatologija

E-mail: renatailicic@gmail.com; renata.ilicic@polj.uns.ac.rs

Telefon: +381 21 4853 356

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. Balaž J., **Renata Iličić**, Maširević S., Jošić, D., Kojić, S. (2014): First report of *Pseudomonas syringae* pv. *syringae* causing bacterial leaf spots of oil pumpkin (*Cucurbita pepo* L.) in Serbia. *Plant Disease*, 98(5): 684.
2. Balaž, J., Ivanović, Ž., Davidović, A., **Renata Iličić**, Janse, J., Popović, T. (2016): Characterisation of *Xanthomonas hortorum* pv. *pelargonii* originated from geranium in Serbia. *Plant Disease*, 100(1): 164-170.
3. **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.
4. 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.
5. **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.
6. **Renata Iličić**, Vlajić, S., Popović, T., Ljubojević, M., Ognjanov, V. (2017): Prva pojava *Taphrina deformans*, prouzrokovala kovrdžavosti lista kajsije kod nas. XIV Savetovanje o zaštiti bilja, Zlatibor, 27. novembar – 1. decembar, 2017, pp. 32.
7. **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.
8. 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.
9. **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.
10. 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.

11. 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.
12. 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*. <https://doi.org/10.1094/PDIS-05-20-1076-RE>
13. **Renata Iličić**, Popović, T. (2021): Occurrence of bacterial spot caused by *Xanthomonas arboricola* pv. *pruni* on peach and apricot in Serbia. *Plant Disease*. DOI: 10.1094/PDIS-08-20-1817-PDN.
14. 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*. doi.org/10.1094/PDIS-11-20-2384-PDN.
15. **Renata Iličić**, Balaž, J., Ognjanov, V., Popović, T. (2021): Epidemiology studies of *Pseudomonas syringae* pathovars associated with bacterial canker on sweet cherry in Serbia. *Plant Protection Science*. https://www.agriculturejournals.cz/web/pps.htm?type=article&id=140_2020-PPS

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).

Akademске 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 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

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 – u toku 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.

Research Associate Renata Iličić, PhD

Field of research: Phytopathology

E-mail: renatailicic@gmail.com; renata.ilicic@polj.uns.ac.rs

Telephone: +381 21 4853 356

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. Balaž J., **Renata Iličić**, Maširević S., Jošić, D., Kojić, S. (2014): First report of *Pseudomonas syringae* pv. *syringae* causing bacterial leaf spots of oil pumpkin (*Cucurbita pepo* L.) in Serbia. *Plant Disease*, 98(5): 684.
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6. **Renata Iličić**, Vlajić, S., Popović, T., Ljubojević, M., Ognjanov, V. (2017): Prva pojava *Taphrina deformans*, prouzrokača kovrdžavosti lista kajsije kod nas. XIV Savetovanje o zaštiti bilja, Zlatibor, 27. novembar – 1. decembar, 2017, pp. 32.
7. **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.
8. 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.
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10. 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.

11. 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.
12. 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*. <https://doi.org/10.1094/PDIS-05-20-1076-RE>.
13. **Renata Iličić**, Popović, T. (2021): Occurrence of bacterial spot caused by *Xanthomonas arboricola* pv. *pruni* on peach and apricot in Serbia. *Plant Disease*. DOI: 10.1094/PDIS-08-20-1817-PDN.
14. 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*. doi.org/10.1094/PDIS-11-20-2384-PDN.
15. **Renata Iličić**, Balaž, J., Ognjanov, V., Popović, T. (2021): Epidemiology studies of *Pseudomonas syringae* pathovars associated with bacterial canker on sweet cherry in Serbia. *Plant Protection Science*. https://www.agriculturejournals.cz/web/pps.htm?type=article&id=140_2020-PPS

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).

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 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

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 – ongoing 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.