

**Contact Information:**

**Full name:** Milan Ivanović

**Title:** Full professor

**Address:** Nemanjina 6, 11080 Belgrade, Serbia

**Date of birth:** 2.4.1981.

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**Summary:**

Experienced professor of plant pathology with 15+ years in higher education, specializing in teaching and research. Great communication, organization and problem-solving skills. Mentored and advised numerous undergraduate students and two PhD thesis in plant pathology and biological control of plant pathogens. Developed and presented seminars and workshops on diseases of fruit trees and horticultural plants. SCOPUS citations: 338, Hirsch index: 10.

**Academic career:**

- **2022** - Full professor, University of Belgrade - Faculty of agriculture, Serbia  
Main activities and responsibilities: teaching, research, writing project proposals and articles, research project engagement;
- **2017 - 2022.** Associate professor, University of Belgrade - Faculty of agriculture, Serbia  
Main activities and responsibilities: teaching, laboratory and field research;
- **2012 - 2017.** Assistant Professor, University of Belgrade - Faculty of agriculture, Serbia  
Main activities and responsibilities: laboratory and field work, teaching, lecturing  
Name and address of employer: University of Belgrade - Faculty of Agriculture;
- **2010 - 2012.** Teaching Associate, University of Belgrade - Faculty of agriculture, Serbia  
Main activities and responsibilities: research and teaching.

**Education:**

- **2005 - 2010.** Doctor of Philosophy (Ph.D)  
Principal subjects/skills covered: plant pathology, plant bacteriology, plant protection, phytomedicine, biotechnology. University of Belgrade - Faculty of Agriculture, Serbia;
- **2000 - 2005.** Bachelor of Science in Agriculture (Master's degree equivalent)  
Principal subjects/skills covered: plant mycology, bacteriology and virology, entomology, phytopharmacy, plant protection. University of Belgrade - Faculty of Agriculture, Serbia;
- **1996 -2000.** Zemun Gymnasium, natural sciences, Serbia.

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**Training and specializations:**

- **2021.** On-line course: „How to Become a Good Mentor?“ Erasmus+ project: „Harmonization and Innovation in PhD Study Programs for Plant Health in Sustainable Agriculture - HarISA“;
- **April 2019.** „The theoretical and practical training on the detection of *Xylella fastidiosa* and Candidatus *Liberibacter solanacearum*“. University of Belgrade - Faculty of Agriculture, Serbia;
- **November 2018.** “Plant diseases caused by *Xylella fastidiosa*: detection, identification, monitoring and control”. Mediterranean Agronomic Institute of Zaragoza, Spain;
- **May 2016.** „Mini-course on the Responsible Conduct of Research“, University of Belgrade - Faculty of Agriculture, Serbia;
- **November 2015.** „Mini-course in Professional Speaking Skills“, University of Belgrade-Faculty of agriculture, Serbia;
- **August - October, 2014.** Specialization in The Dutch General Inspection Service (NAK), Emmeloord, Netherlands. Principal subjects/skills covered: Development of multiplex Real time PCR for detection of *Ralstonia solanacearum* and *Clavibacter michiganensis* subsp. *sepedonicus*“;
- **May 2010.** International practical course: „*Pseudomonas* pathogens of stone fruits and nuts“. University of Belgrade - Faculty of Agriculture, Serbia;
- **March 2008.** Short Term Scientific Mission - Plant Bacteriology, COST Action 873. Principal subjects/skills covered: Epidemiology and diagnosis of bacterial diseases of stone fruits and nuts, isolation and molecular characterization of bacterial plant pathogens. Central Science Laboratory, York, UK;
- **April 2008 - August 2008.** Iowa State University, Department of Plant Pathology, PhD student exchange program. Principal subjects/skills covered: Morphological and molecular identification and characterization of fungi in the apple sooty blotch and flyspeck complex;
- **April 2007 - June 2007.** University of Florida, Department of Plant Pathology, PhD student exchange program. Principal subjects/skills covered: characterization of fire blight pathogen *Erwinia amylovora* by fatty acid analysis, Biolog™ and pulsed field gel electrophoresis;
- **July 2006 - August 2006.** Distance Learning Course. International Centre for Advanced Mediterranean Agronomic Studies, CIHEAM-IAMB, Bari, Italy. Principal subjects/skills covered: Citrus diseases caused by restricted Prokaryotes (CDRP);
- **April 2006 - July 2006.** University Of Hohenheim, Institute of Phytomedicine, Germany. Visiting Fellow, TEMPUS Curriculum Development Joint European Project. Principal subjects/skills covered: Utilizing chemical substances and their combinations for suppressing toxin production from plant pathogenic fungi.

**Projects:**

- **2024 - 2027.** „Innovative solutions in phage-mediated biocontrol of fire blight - InnovaPhage“. Science Fund of the Republic of Serbia, Program PRISMA;

- **2019 - 2022.** „Harmonization and Innovation in PhD Study Programs for Plant Health in Sustainable Agriculture - HarISA“. Erasmus+ program;
- **2017 - 2021.** Cost Action CA16107: „EuroXanth: Integrating science on Xanthomonadaceae for integrated plant disease management in Europe“;
- **2015 - 2019.** EU Commission project Horizon 2020, H2020-SFS-2014-2: „Pest Organisms Threatening Europe - POnTE“;
- **2013 - 2016.** FP7-REGPOT: „Advancing Research in Agricultural and Food Sciences at Faculty of Agriculture - AREA“;
- **2006 - 2011.** „COST Action 873: Bacterial Diseases of Stone Fruits and Nuts“;
- **2008 - 2010.** “Biological control as an alternative to chemicals in plant protection”, Ministry of Science and Technological Development, Republic of Serbia

### Personal skills:

- Good command of office suite (word, processing, presentation software, e-mail), Adobe Photoshop, content creation
- Fluent in English
- Accountable in creating and keeping deadlines
- Confident, articulate, and professional speaking abilities, speaking in public, to groups, or via electronic media

### Expertise:

My research is focused on detection and diagnosis of plant diseases, identification and characterization of bacterial and fungal plant pathogens by conventional, molecular and serological techniques. Research interests also include biological disease control strategies in plant production with bacteriophages and antagonistic bacteria. I am interested in plant pathogen variation as measured by phenotypic and genotypic analyses.

### References:

**Ivanović, M.**, Prokić, A., Gašić, K., Menković, J., Kuzmanović, N., Zlatković, N., Obradović, A. (2023): Characterization of *Pseudomonas syringae* strains associated with shoot blight of raspberry and blackberry in Serbia. *Plant Disease*, 107 (3): 826-833. DOI: <https://doi.org/10.1094/PDIS-06-22-1425-RE>.

Vojinović, U., Adamović, J., **Ivanović, M.**, Stević, M. (2023): Occurrence of resistance in field populations of *Erysiphe necator* to QoI, azanaphthalene and aryl-phenyl-ketone fungicides in Serbia. *Crop Protection*, vol. 173, 106359. DOI: 10.1016/j.cropro.2023.106359.

Zlatković, N., Gašić, K., Kuzmanović, N., Prokić, A., **Ivanović, M.**, Živković, S., Obradović, A. (2022): Polyphasic characterization of *Acidovorax citrulli* strains originating from Serbia. *Agronomy*, 2022, 12, 235. DOI: <https://doi.org/10.3390/agronomy12020235>.

Dragić, V., Miljaković, D., Marinković, J., Ignjatov, M., Milošević, D., Vasin, J., Bulajić, A., Vojvodić, M., **Ivanović, M.** (2022): Biocontrol of *Botrytis cinerea* and promotion of tomato growth by local soil-borne *Bacillus* isolates. *Zemdirbyste-Agriculture*, 109 (1): 157-164. DOI 10.13080/z-a.2022.109.020.

- Kurz, M., Carnal, S., Dafny-Yelin, M., Mairesse, O., Gottsberger, R. A., **Ivanović, M.**, Grahovac, M., Lagonenko, A. L., Drenova, N., Zharmukhamedova, G., Doolotkeldieva, T., Smits T. H. M., Rezzonico, F. (2021): Tracking the dissemination of *Erwinia amylovora* in the Eurasian continent using a PCR targeted on the duplication of a single CRISPR spacer. *Phytopathology Research*, 3: 18. DOI: <https://doi.org/10.1186/s42483-021-00096-9>.
- Gašić, K., Obradović, M., Kuzmanović, N., Zlatković, N., **Ivanović, M.**, Ristić, D., Obradović, A. (2021): Isolation, characterization and draft genome analysis of bacteriophages infecting *Acidovorax citrulli*. *Frontiers in Microbiology*, 12: 803789. DOI: 10.3389/fmicb.2021.803789.
- Prokić, A., Zlatković, N., Kuzmanović, N., **Ivanović, M.**, Gašić, K., Pavlović, Ž., Obradović, A. (2020): Identification and characterization of *Dickeya zea* strains associated with maize stalk soft-rot in northern Serbia. *European Journal of Plant Pathology*, 157: 685-691. DOI: <https://doi.org/10.1007/s10658-020-02019-4>.
- Živković, S., Vasić, T., **Ivanović, M.**, Marković, J., Trkulja, V. (2019): Morphological and molecular identification of *Eutypa lata* on grapevine in Serbia. *Journal of Plant Diseases and Protection*, 126: 479-483. DOI: <https://doi.org/10.1007/s41348-019-00238-4>
- Ivanović, M.**, Kuzmanović, N., Gašić, K., Prokić, A., Zlatković, N., Obradović, A. (2019): Specificity and sensitivity of three PCR-based methods for detection of *Erwinia amylovora* in pure culture and plant material. *Genetika*, 51: 1039-1052. DOI: <https://doi.org/10.2298/GENSR1903039I>.
- Gašić, K., Kuzmanović, N., **Ivanović, M.**, Prokić, A., Šević, M., Obradović, A. (2018): Complete genome of the *Xanthomonas euvesicatoria* specific bacteriophage KΦ1, its survival and potential in control of pepper bacterial spot. *Frontiers in Microbiology*, 9: 2021. DOI: 10.3389/fmicb.2018.02021.
- Ivanović, M.**, Obradović, A., Gašić, K., Minsavage, G.V. Dickstein, E.R. Jones, J.B. (2012): Exploring diversity of *Erwinia amylovora* population in Serbia by conventional and automated techniques and detection of new PFGE patterns. *European Journal of Plant Pathology*, 133 (3): 545-557. DOI: 10.1007/s10658-011-9926-8
- Gleason, M.L., Batzer, J.C., Sun, G., Zhang, R., Díaz Arias, M.M., Sutton, T.B., Crous, P.W., **Ivanović, M.**, McManus, P.S., Cooley, D.R., Mayr, U., Weber, R.W.S., Yoder, K.S., Del Ponte, E.M., Biggs, A.R., Oertel, B. (2011): A New View of Sooty Blotch and Flyspeck. *Plant Disease*, 95 (4): 368-383. DOI: 10.1094/PDIS-08-10-0590
- Ivanović, M.M.**, Ivanović, S.M., Batzer, J.C., Tatalović, N., Oertel, B., Latinović, J., Latinović, N., Gleason, M.L. (2010): Fungi in the apple sooty blotch and flyspeck complex from Serbia and Montenegro. *Journal of Plant Pathology*, 92 (1): 65-72. <https://www.jstor.org/stable/41998769>.