

dr Dejan Prvulović, vanredni profesor
Uža naučna oblast: hemija i biohemija
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Obrazovanje

- **Profesor biologije i hemije (1998)** – Prirodno-matematički fakultet u Novom Sadu
- **Magistar nauka (2004)** - Prirodno-matematički fakultet, u Novom Sadu, smer – biohemija
- **Doktor nauka (2012)** - Prirodno-matematički fakultet Novi Sad, uža naučna oblast – biohemija

Odabrane publikacije

1. Vukajlović F.N., Pešić S.B., Tanasković S.T., Predojević D.Z., Gvozdenac S.M., Prvulović D.M., Bursić V.P. 2019. Efficacy of *Echium* spp. water extracts as post-harvest grain protectants against *Plodia interpunctella*. Romanian Biotechnological Letters, 24(5): 761-769.
2. Gvozdenac S., Prvulović D., Radovanović M., Ovuka J., Miklič V., Ačanski J., Tanasković S., Vukajlović F. 2018. Life history of *Plodia interpunctella* Hubner on sunflower seeds: Effects of seed qualitative traits and the initial seed damage. Journal of Stored Products Research, 79: 89-97.
3. Ognjanov V., Miodragović M., Barać G., Prvulović D., Ljubojević M., Dulić J., Dorić D. 2016. 'Prima' sour cherry. HortScience, 51(2): 202-205.
4. Prvulović D., Kastori R., Kadar I. 2014. The effect of zinc from the seed on antioxidant defense system in winter wheat (*Triticale aestivum* L.) seedlings. Studia UBB Chemia, 59: 171-176.
5. Malenčić Đ., Kiprovski B., Popović M., Prvulović D., Miladinović J., Đorđević V. 2010. Changes in antioxidant systems in soybean as affected by *Sclerotinia sclerotiorum* (Lib.) de Bary. Plant Physiology and Biochemistry, 48: 903-908.

Odabrani projekti

- Bilateralni projekat Srbija-Belorusija: "Phenolic composition and antioxidant capacity of sweet and sour cherries-Serbian and Belarus selections" (2018-2019),

- Bilateralni projekat Srbija-Slovenija: "Identification of biologically active substances in fruits" (2014-2015),
- Bilateralni projekat Srbija-Crna Gora: "Autochthonous sort of fruits in Serbia and Montenegro as a source of functional food: Chemical characterization and antioxidant capacity" (2016-2018),
- IPA Cross-border Co-operation Programme Hungary-Serbia: "Joint development of higher education and training programmes in plant biology in support of knowledge-based society" (Planttrain) (2015-2016).
- CA COST Action CA17122: "Increasing of understanding of alien species through citizen science".

Akadske aktivnosti

- Nastava iz uže naučne oblasti hemija I biohemija na osnovnim akademskim, integrisanim, master i doktorskim studijama

Članstvo u udruženjima

- International Organisation for Biological Control
- Srpsko hemijsko društvo





Ostale aktivnosti

- Govori, čita i piše engleski, služi se italijanskim

PERSONAL INFORMATION

Dejan Prvulović



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<http://polj.uns.ac.rs/sr/node/343>
https://www.researchgate.net/profile/Dejan_Prvulovic
<https://www.linkedin.com/in/dejan-prvulovic-7b7b777/>
<https://orcid.org/0000-0002-1880-4934>

Sex Male | Date of birth 24/09/1972 | Nationality Serbian

WORK EXPERIENCE

- 2017-present **Associate Professor**
 Chemistry and Biochemistry
 Faculty of Agriculture, University of Novi Sad, Serbia
 Academia
- 2012-2017 **Assistant Professor**
 Chemistry and Biochemistry
 Faculty of Agriculture, University of Novi Sad, Serbia
 Academia
- 2004-2012 **Assistant**
 Chemistry and Biochemistry
 Faculty of Agriculture, University of Novi Sad, Serbia
 Academia
- 1999-2004 **Teaching assistant**
 Faculty of Agriculture, University of Novi Sad, Serbia
 Academia

EDUCATION AND TRAINING

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| <p>Date</p> <p>Title of qualification awarded</p> <p>Principal subjects/occupational skills covered</p> <p>Name and type of organisation providing education and training</p> | <p>2012</p> <p>PhD</p> <p>Animal biochemistry, Animal nutrition, Toxicology, Oxidative stress, Food chemistry</p> <p>Faculty of Science, University of Novi Sad, Serbia</p> |
| <p>Date</p> <p>Title of qualification awarded</p> <p>Principal subjects/occupational skills covered</p> <p>Name and type of organisation providing education and training</p> | <p>2004</p> <p>MSc</p> <p>Animal biochemistry, Animal nutrition, Oxidative stress, Food chemistry</p> <p>Faculty of Science, University of Novi Sad, Serbia</p> |

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| Date | 1998 |
| Title of qualification awarded | BSc |
| Principal subjects/occupational skills covered | Biology and chemistry |
| Name and type of organisation providing education and training | Faculty of Science, University of Novi Sad, Serbia |

PERSONAL SKILLS

Mother tongue(s) Serbian (Croatian, Bosnian)

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C1 | C1 | C1 | C1 | C1 |
| Certificate of Language Teaching Centre "Letero". | | | | | |

Communication skills Good communication skills gained through my experience as teacher

Organisational / managerial skills

- Organization of national and international scientific conferences and meetings,
- Reviewer for "Contemporary Agriculture", "Romanian Biotechnological Letters", "International Journal of Horticultural Science and Technology" and other international scientific journals,
- Member of the Elective Committee at the Faculty of Agriculture, University of Novi Sad, Organisational and Scientific Committee of International Conference for students

Job-related skills Good computer skills and competences (MS Office, Statistica etc.)

Driving licence Category "B"

ADDITIONAL INFORMATION

- Common proposal of COST Action "Botanicals in Integrated Pest Management" with Prof. dr Peter Makleit from Faculty of Agricultural and Food Sciences and Environmental Management, University of Debrecen,
- Held courses in English for Erasmus+ students from Kazakhstan,
- Host Professor for two Erasmus+ visiting teachers: Prof. dr Zbynek Ulčák from Masaryk University Brno (Czech Republic) and dr Reelika Ratsep from Estonian University of Life Sciences (Estonia),
- Coordinator of International Mobility Programme at Department of Field and Vegetable Crops, Faculty of Agriculture, University of Novi Sad,
- Courses offered in English language: General Chemistry, Biochemistry, Animal Biochemistry and Soil Biochemistry <https://www.course-catalogue.uns.ac.rs/>

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| Projects | National: 11 |
| | International: 5 |
| Citations | <ul style="list-style-type: none"> • Bilateral project Serbia-Belarus: "Phenolic composition and antioxidant capacity of sweet and sour cherries-Serbian and Belarus selections" (2018-2019), • Bilateral project Serbia-Slovenia: "Identification of biologically active substances in fruits" (2014-2015), • Bilateral project Serbia-Montenegro: "Autochthonous sort of fruits in Serbia and Montenegro as a source of functional food: Chemical characterization and antioxidant capacity" (2016-2018), • IPA Cross-border Co-operation Programme Hungary-Serbia: "Joint development of higher education and training programmes in plant biology in support of knowledge-based society" (Planttrain) (2015-2016). • CA COST Action CA17122: "Increasing of understanding of alien species through citizen science". |
| Memberships | Total citations: 158 |
| | Serbian Chemical Society |
| | Biochemical Society of Vojvodina |
| Fellowships, assignments | International Association of Clinical Pathology |
| | 2001 Department of Pharmacognosy and Medicinal Chemistry, Faculty of Pharmacy, University of Illinois, Chicago, USA (1 month) |
| | 2002 Department of Veterinary Medicinal Sciences, University of Bologna, Bologna, Italy (3 months) |
| | 2015 Department of Plant Biology, University of Szeged, Hungary (5 days) |
| | 2017 Department of Vegetable and Medicinal Plants, Faculty of Horticulture, Biotechnology and Landscape Architecture, Warsaw University of Life Sciences, Warsaw, Poland (5 days) |
| | 2017 Department of Horticulture, Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences, Tartu, Estonia (5 days) |
| | 2018 Department of Forest and Soil Sciences, University of Natural Resources and Life Sciences, Vienna, Austria (5 days) |
| | 2018 Department of Agricultural Sciences and Food Engineering, "Lucian Blaga" University of Sibiu, Sibiu, Romania (8 days) |
| | 2018 Faculty of Agronomy, Aleksandras Stulginskis University, Akademija (Kaunas), Lithuania (5 days) |
| | 2019 Department of Chemistry, Faculty of Biotechnology and Food Sciences, Slovak University of Agriculture, Nitra, Slovakia (8 days) |
| | 2019 Institute of Horticulture, Faculty of Agricultural and Environmental Sciences, Szent Istvan University, Godollo, Hungary (5 days) |
| | 2019 Department of Agriculture, University of Naples Federico II, Naples, Italy (5 days) |
| | 2019 Faculty of Agriculture, University of South Bohemia, České Budejovice, Czech Republic (11 days) |

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| Selected publications | <ol style="list-style-type: none"> 1. Medić-Pap S., Danojević D., <u>Prvulović D.</u>, Tančić-Živanov S. 2020. Effect of <i>Trichoderma</i> spp. on growth promotion and antioxidative activity of pepper seedlings. Brazilian Archives of Biology and Technology, <i>in press</i>. 2. <u>Prvulović D.</u>, Kolarov R., Peić Tukuljac M., Barać G., Dulić J., Miodragović M., Ognjanov V. 2019. Antioxidant activity of wild-growing fruits from western Serbia. International Congress of Engineering, Environment and Materials in Processing Industry, Jahorina, Bosnia and Herzegovina, Book of proceedings, 350-355. 3. Vukajlović F.N., Pešić S.B., Tanasković S.T., Predojević D.Z., Gvozdenac S.M., <u>Prvulović D.M.</u>, Bursić V.P. 2019. Efficacy of <i>Echium</i> spp. water extracts as post-harvest grain protectants against <i>Plodia interpunctella</i>. Romanian Biotechnological Letters, 24(5): 761-769. 4. Medić-Pap S., Danojević D., <u>Prvulović D.</u>, Tančić-Živanov S., Červenski J. 2019. Antioxidative response of tomato genotype to late blight infection. Journal of Serbian Chemical Society, <i>in press</i>. 5. Gvozdenac S., <u>Prvulović D.</u>, Radovanović M., Ovuka J., Miklič V., Ačanski J., Tanasković S., Vukajlović F. 2018. Life history of <i>Plodia interpunctella</i> Hubner on sunflower seeds: Effects of seed qualitative traits and the initial seed damage. Journal of Stored Products Research, 79: 89-97. 6. Gvozdenac S., Šučur J., Manojlović A., <u>Prvulović D.</u>, Malenčić Đ. 2018. Influence of winter savory (<i>Satureja montana</i>) aqueous extract on mortality of lesser grain borer (<i>Rhyzopertha dominica</i>). Botanica Serbica, 42(2): 277-281. 7. Šučur J., <u>Prvulović D.</u>, Manojlović A., Anačkov G., Malenčić Đ. 2018. Influence of winter savory (<i>Satureja montana</i>) aqueous extract on antioxidant properties of Jimson weed (<i>Datura stramonium</i> L.). Botanica Serbica, 42(2): 271-275. 8. Šučur J., Popović A., Petrović M., Bursić V., Anačkov G., <u>Prvulović D.</u>, Malenčić Dj. 2017. Chemical composition of <i>Clinopodium menthifolium</i> aqueous extract and its influence on antioxidant system in black nightshade (<i>Solanum nigrum</i>) and pepper (<i>Capsicum annum</i>) seedlings and mortality rate of whitefly (<i>Trialeurodes vaporariorum</i>) adults. Bulletin of the Chemical Society of Ethiopia, 31(2): 211-222. 9. Ognjanov V., Miodragović M., Barać G., <u>Prvulović D.</u>, Ljubojević M., Dulić J., Dorić D. 2016. 'Prima' sour cherry. HortScience, 51(2): 202-205. 10. <u>Prvulović D.</u>, Malenčić Đ., Ljubojević M., Barać G., Ognjanov V. 2016. The influence of maturity stage and extraction solvents on phenolic content and antioxidant activity of three sweet cherry cultivars. Lucrari Stiintifice, Seria Agronomie, 59(2): 403-408. 11. Šučur J., Popović A., Petrović M., Anačkov G., Malenčić Đ., <u>Prvulović D.</u> 2015. Allelopathic effects and insecticidal activity of <i>Salvia sclarea</i> L. Studia UBB Chemia, 60(1): 253-264. 12. Medić-Pap S., <u>Prvulović D.</u>, Takač A., Vlajić S., Danojević D., Takač A., Maširević S. 2015. Influence of tomato genotype to phenolic compounds content and antioxidant activity as reaction to early blight. Genetika (Belgrade), 47(3): 1099-1110. 13. Šučur J., Popović A., Petrović M., Anačkov G., Bursić V., Kiproviski B., <u>Prvulović D.</u> 2015. Allelopathic effects and insecticidal activity of the aqueous extract of <i>Satureja montana</i> L. Journal of the Serbian Chemical Society, 80(4): 475-484. 14. <u>Prvulović D.</u>, Kastori R., Kadar I. 2014. The effect of zinc from the seed on antioxidant defense system in winter wheat (<i>Triticale aestivum</i> L.) seedlings. Studia UBB Chemia, 59: 171-176. 15. Medić-Pap S., Maširević B., <u>Prvulović D.</u> 2014. Phenolic compounds and antioxidant activity of sunflower hybrids inoculated with broomrape. Studia UBB Chemia, 59: 7-16. 16. <u>Prvulović D.</u>, Popović M., Malenčić Đ., Ljubojević M., Barać G., Ognjanov V. 2012. Phenolic content and antioxidant capacity of sweet and sour cherries. Studia UBB Chemia, 57: 175-181. 17. <u>Prvulović D.</u>, Popović M., Malenčić Đ., Marinković B., Jaćimović G. 2010. Effects of nitrogen fertilization on the biochemical and physiological parameters in leaves and root of sugar beet associated with <i>Azotobacter chroococcum</i>. Journal of Plant Nutrition, 33: 1-15. 18. Malenčić Đ., Kiproviski B., Popović M., <u>Prvulović D.</u>, Miladinović J., Đorđević V. 2010. Changes in antioxidant systems in soybean as affected by <i>Sclerotinia sclerotiorum</i> (Lib.) de Bary. Plant Physiology and Biochemistry, 48: 903-908. |
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