

Dr Boris Popović, vanredni profesor
Uža naučna oblast: Hemija i biohemija
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Telefon: +381 21 485 3424

Obrazovanje

- **Dipl. hem. (2000)** – Prirodno-matematički fakultet u Novom Sadu, smer – diplomirani-hemičar
- **Magistar nauka (2004)** - Prirodno-matematički fakultet, u Novom Sadu, smer - biohemija
- **Doktor nauka (2006)** - Prirodno-matematički fakultet u Novom Sadu, Doktorska disertacija: "Uticaj γ zračenja na antioksidantni sistem soje i pojava oksidativnog stresa", smer-hemija

Odabrane publikacije

1. Vranješ, M., **Popović, B.M.**, Štajner, D., Ivetić, V., Mandić A., Vranješ, D. (2016) Effects of bearberry, parsley and corn silk extracts on diuresis, electrolytes composition, antioxidant capacity and histopathological features in mice kidneys, *Journal of Functional Foods*, in Press.
2. Čanadanović-Brunet, J., Četković, G., Tumbas Šaponjac, V., Stajčić, S., Vulić, J., Djilas, S., Štajner, D., **Popović, B.M.** (2014) Evaluation of phenolic content, antioxidant activity and sensory characteristics of Serbian honey-based product, *Industrial Crops and Products* 62, 1–7.
3. Štajner, D., **Popović, B.M.**, Čanadanović-Brunet, J., Đilas, S., Četković G. (2014) Nutritive composition and free radical scavenger activity of honey enriched with of *Rosa* spp, *LWT - Food Science and Technology* 55, 408-413.
4. **Popović, B.M.**, Štajner, D., Mandić, A., Čanadanović-Brunet, J., Kevrešan S. (2013) Enhancement of Antioxidant and Isoflavones Concentration in Gamma Irradiated Soybean, *The Scientific World Journal*, Article ID 383574, 5 pages.
5. **Popović, B.M.**, Štajner, D., Kevrešan S., Bijelić, S. (2012) Antioxidant capacity of cornelian cherry (*Cornus mas* L.) – Comparison between permanganate reducing antioxidant capacity and other antioxidant methods, *Food Chemistry* 134, 734–741.

Odabrani projekti

1. IPA projekat: "Joint development of higher education and training programmes in plant biology in support of knowledge-based society" (PLANTTRAIN), ID: HUSBR/1203/221/173; 2015-2016 (lokalni coordinator)
2. IPA projekat: "Oxidative stress tolerance in plants plants: from models to trees" (OXIT); ID: HUSRB/1002/214/036; 2012-2013 (lokalni koordinator)
3. Biosensing tehnologije i globalni sistem za kontinuirana istraživanja i integrisano upravljanje ekosistemima, III 43002; 2011-2015 (učesnik).
4. Funkcionalni proizvodi na bazi žita namenjeni osobama sa metaboličkim poremećajima, TR 31029; 2011-2015 (učesnik) .
5. Antioksidativna aktivnost meda i meda sa dodatkom suvog voća, 114-451-2093/2011-03; 2011-2014 (učesnik).

Akadske aktivnosti

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

Članstvo u udruženjima

- Srpskog hemijskog društva
- Biohemijsko društvo Srbije
- Društva za fiziologiju biljaka Republike Srbije
- Federation of European Societies of Plant Biology (FESPB)

Ostale aktivnosti

- Zaključno sa 2015: 64 objavljenih radova od kojih je 27 sa SCI liste;
- Ukupan broj citata je 245
- Recenzije u časopisima sa impakt faktorom
- Učešće na mnogim domaćim i međunarodnim skupovima
- Govori, čita i piše engleski jezik

Professor Boris Popović, Ph.D. Associate Professor
Field of research: Antioxidants, oxidative stress and functional food
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Telephone: +381 21 485 3424

Academic qualifications

- **B.Sc.** (2000) - University of Novi Sad, Faculty of Sciences, field of chemistry
- **M.Sc.** (2004) - University of Novi Sad, Faculty of Sciences, field of biochemistry
- **Ph.D.** (2006) - University of Novi Sad, Faculty of Sciences, field of chemistry

Selected publications

1. Vranješ, M., **Popović, B.M.**, Štajner, D., Ivetić, V., Mandić A., Vranješ, D. (2016) Effects of bearberry, parsley and corn silk extracts on diuresis, electrolytes composition, antioxidant capacity and histopathological features in mice kidneys, *Journal of Functional Foods*, in Press.
2. Čanadanović-Brunet, J., Četković, G., Tumbas Šaponjac, V., Stajčić, S., Vulić, J., Djilas, S., Štajner, D., **Popović, B.M.** (2014) Evaluation of phenolic content, antioxidant activity and sensory characteristics of Serbian honey-based product, *Industrial Crops and Products* 62, 1–7.
3. Štajner, D., **Popović, B.M.**, Čanadanović-Brunet, J., Đilas, S., Četković G. (2014) Nutritive composition and free radical scavenger activity of honey enriched with of *Rosa spp*, *LWT - Food Science and Technology* 55, 408-413.
4. **Popović, B.M.**, Štajner, D., Mandić, A., Čanadanović-Brunet, J., Kevrešan S. (2013) Enhancement of Antioxidant and Isoflavones Concentration in Gamma Irradiated Soybean, *The Scientific World Journal*, Article ID 383574, 5 pages.
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Selected projects

1. IPA project: "Joint development of higher education and training programmes in plant biology in support of knowledge-based society" (PLANTTRAIN), ID: HUSBR/1203/221/173; 2015-2016 (local coordinator)
2. IPA project: Oxidative stress tolerance in plants plants: from models to trees (OXIT), Contract Number: HUSRB/1002/214/036; 2012-2013 (local coordinator)
3. Biosensing technologies and global system for continual investigation and integrated management of ecosystems, III 43002; 2011-2015 (participant).
4. Functional products based on cereals designed for people with metabolic disorders, TR 31029; 2011-2015(participant).
5. Antioxidant activity of honey and honey supplied with dried fruit, 114-451-2093/2011-03; 2011-2014(participant).

Academic activities

- Teaching at undergraduate, postgraduate and Ph.D. studies (field of chemistry and biochemistry)

Memberships

- Serbian Chemical Society
- Serbian Biochemical Society
- Serbian Plant Physiology Society
- Federation of European Societies of Plant Biology (FESPB)

Other activities

- Up to 2015: 64 papers of which 27 are published in journals from SCI list;
- Total number of citations: 245
- Reviews in refereed journals
- Attendance in many national and international meetings
- Language skills: English