

Dr Dubravka Štajner, redovni profesor

Uža naučna oblast: Hemija i biohemija

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Telefon: +381 21 4853 374

Obrazovanje

- **Dipl. hem. (1974)** – Prirodno-matematički fakultet u Novom Sadu, smer – diplomirani-hemičar
- **Magistar nauka (1982)** - Prirodno-matematički fakultet, u Novom Sadu, smer - biohemija
- **Doktor nauka (1990)** - Prirodno-matematički fakultet u Novom Sadu, Doktorska disertacija: "Prilog poučavanju antioksidantnih jedinjenja pšenice", 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 (koordinator)
2. IPA project: Oxidative stress tolerance in plants plants: from models to trees (OXIT), Contract Number: 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

- Srpsko hemijsko društvo
- Biohemijsko društvo Srbije
- Federation of European Societies of Plant Biology (FESPB)
- Association for the Medicinal and Aromatic Plants of Southeast European Countries (AMAPSEEC)

Ostale aktivnosti

- Recenzije u časopisima sa impakt faktorom
- Učešće na mnogim domaćim i međunarodnim skupovima
- Mentorstva (vođenje 3 doktorske disertacije, 3 magistarska rada kao i većeg broja diplomskih radova)
- Govori, čita i piše engleski jezik

Professor Dubravka Štajner, Ph.D. Full Professor

Field of research: Antioxidants, oxidative stress and functional food

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Academic qualifications

- **B.Sc.** (1974) - University of Novi Sad, Faculty of Sciences, field of chemistry
- **M.Sc.** (1990) - University of Novi Sad, Faculty of Sciences, field of biochemistry
- **Ph.D.** (1990) - 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.
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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
- Federation of European Societies of Plant Biology (FESPB)
- Association for the Medicinal and Aromatic Plants of Southeast European Countries (AMAPSEEC)

Other activities

- Ten reviews in referee journals
- Mentorship (three dissertations and three master's theses)
- Attendance in many national and international meetings
- Language skills: English