

## Curriculum vitae

### LIČNE INFORMACIJE



## Muamer Dizdar

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Spol Muški | Datum rođenja 15/04/1991

### RADNO ISKUSTVO

- 04/2022 - danas **Docent za oblasti Organska hemija i Biohemija**  
Prirodno-matematički fakultet, Univerzitet u Sarajevu
- 09/2017 – 03/2022 **Viši asistent za oblasti Organska hemija i Biohemija**  
Prirodno-matematički fakultet, Univerzitet u Sarajevu
- 09/2017 – 02/2021 **Viši asistent na nastavnim predmetima Veterinarska biohemija I**  
Veterinarski fakultet, Univerzitet u Sarajevu
- 02/2015 – 09/2017 **Asistent na nastavnim predmetima Veterinarska biohemija I i II**  
Veterinarski fakultet, Univerzitet u Sarajevu
- 03/2014 – 09/2017 **Asistent za oblasti Organska hemija i Biohemija**  
Prirodno-matematički fakultet, Univerzitet u Sarajevu

### OBRAZOVANJE I OSPOBLJAVANJE

- 01/2016 – 01/2022 **Doktorski studij**  
Prirodno-matematički fakultet, Univerzitet u Sarajevu  
*Sinteza i antioksidativno i enzim-inhibitorno djelovanje derivata fenolskih kiselina i aldehida (EQF 8)*
- 03/2019 – 07/2019 **Erasmus+**  
Institut za organsku hemiju, Univerzitet u Heidelbergu  
*Studijski boravak u okviru doktorskog studija*
- 01/2016 – 02/2016 **TRAIN**  
Centar za interdisciplinarnu studiju, Univerzitet u Sarajevu  
*Pedagoško usavršavanje akademskog osoblja Univerziteta u Sarajevu*
- 10/2013 – 09/2014 **Magistar inženjerske hemije**  
Prirodno-matematički fakultet, Univerzitet u Sarajevu  
*Antioksidativna aktivnost hlorogenske kiseline i njenog metilnog estera (EQF 7)*
- 03/2019 – 07/2019 **Bachelor inženjerske hemije**  
Prirodno-matematički fakultet, Univerzitet u Sarajevu  
*Ispitivanje mehanizma oksidacije L(+)-askorbinske kiseline na platinskoj elektrodi cikličnom voltametrijom (EQF 6)*

### LIČNE VJEŠTINE

Maternji jezik Bosanski

Ostali jezici	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
Njemački jezik	C1	C1	C1	C1	C1
Engleski jezik	B2	B2	B2	B2	B2

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Vozačka dozvola B kategorija

### DODATNE INFORMACIJE

#### Nagrade i priznanja

- Zlatna značka Univerziteta u Sarajevu za I i II ciklus studija (2014)
- Zlatna značka Univerziteta u Saajevu za I ciklus studija (2013)

#### Projekti

- *Korelacija antioksidativne aktivnosti, sadržaja ukupnih fenola i ukupnih proteina u uzorcima bosansko-hercegovačke matične mlijечи*; Projekat finansiran od strane Federalnog ministarstva za obrazovanje i nauku; Voditelj projekta: Prof. dr. Ismet Tahirović
- *Strukturalni aspekti antioksidativnog djelovanja derivata hidroksibenzojevih i hidroksicimetnih kiselina*; Bilateralni projekat sa R. Slovenijom finansiran od strane Federalnog ministarstva za obrazovanje i nauku; Voditelj projekta: Prof. dr. Milka Maksimović
- *Strukturalni aspekti antioksidativnog i enzim-inhibicijskog djelovanja odabranih fenolskih kiselina i njihovih derivata*; Projekat finansiran od strane Federalnog ministarstva za obrazovanje i nauku; Voditelj projekta: Prof. dr. Danijela Vidic
- *Fitohemijisko istraživanje aktivnih konstituenata nekih ljekovitih i aromatičnih biljnih vrsta porodice Astaraceae*; Projekat finansiran od strane Federalnog ministarstva za obrazovanje i nauku; Voditelj projekta: Prof. dr. Milka Maksimović
- *Određivanje antioksidativnog kapaciteta protiv peroksidnih i hidroksilnih slobodnih radikala i sadržaja prirodnih fenola u uzorcima različitih vrsta pčelinjeg meda sa prostora Bosne i Hercegovine*; Projekat finansiran od strane Federalnog ministarstva za obrazovanje i nauku; Voditelj projekta: Prof. dr. Ismet Tahirović

### BIBLIOGRAFIJA

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- Mahmutović-Dizdarević, I., **Dizdar, M.**, Čulum, D., Vidic, D., Dahija, S., Jerković-Mujkić, A., Bešta-Gajević, R. (2020) Phenolic Composition, Antioxidant and Antimicrobial Activity of Cotoneaster Medik. Species from Bosnia and Herzegovina, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 54, 1-6.
- Etminan, A., Uzunović, A., Topčagić, A., Žero, S., **Dizdar, M.**, Klepo, L., Čulum, D., Džudžević-Čančar, H., Tahirović, I. (2020) Quantification of Active Substances in Some Drugs Using by Derivative UV/Vis spectroscopy, *International Conference on Medical and Biological Engineering*, 553-557.
- Dizdar, M.**, Galić, B., Haverić, A., Hadžić, M., Haverić, S., Maksimović, M. (2019) Novel contributions to halogenated boroxine  $K_2[B_3O_3F_4OH]$  bioactivity. 18<sup>th</sup> Blue Danube Symposium on Heterocyclic Chemistry, *Book of Abstracts*, 20.
- Dizdar, M.**, Haverić, A., Hadžić, M., Četković, T., Haverić, S., Vidic, D., Maksimović, M. (2019) Cytotoxicity of 1-Substitued 1,2,3,4-Tetrahydroisoquinolines in 5637 Human Bladder Carcinoma Cell Line. 1<sup>st</sup> Congress of Geneticists in Bosnia and Herzegovina with Internationa Participation, *Book of Abstracts*, 61.
- Dizdar, M.**, Haverić, A., Hadžić, M., Četković, T., Haverić, S., Vidic, D., Maksimović, M. (2019) Analysis of Cytotoxic Potential of 1-Substitued 1,2,3,4-Tetrahydroisoquinolines in Human Peripheral Blood Mononuclear Cells and UT-7 Cell Line. 10<sup>th</sup> International Congress of the Turkish Society of Toxicology, *Book of Abstracts*, 90.
- Dizdar, M.**, Vidic, D., Požgan, F., Štefane, B., Maksimović, M. (2019) Structural Insights Into Bioactivity of 1,5-Dimethyl-2-phenyl-1H-pyrazolo-3(2H)-ones Derived From Phenolic Aldehydes. 18<sup>th</sup> Blue Danube Symposium on Heterocyclic Chemistry, *Book of Abstracts*, 90.
- Maksimović, M., Čopra-Janićijević, A., Vidic, D., Topčagić, A., Klepo, L., **Dizdar, M.**, Čulum D., (2019) *Osnove organske hemije zbirka zadataka*, Prirodno-matematički fakultet, Sarajevo ISBN 978-9926-453-21-3.
- Dizdar, M.**, Vidic, D., Požgan, F., Štefane, B., Maksimović, M. (2018) Acetylcholinesterase inhibition and antioxidant activity of *N-trans*-caffeoyldopamine and *N-trans*-feruloyldopamine. *Scientia Pharmaceutica*, 86(2), 1-12.
- Tahirović, I, Mahovac, E., **Dizdar, M.**, Toromanović, J., Mahmutović, O., Lepara, Z., Ajanović, A. (2018) Hemoglobin HbA<sub>1c</sub> and glucose blood levels in diabetic patients. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 50, 13-18.

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- Arifović, L., Tahirović, I., **Dizdar, M.**, Bačinović, V., Buza, N., Subašić, M., Tursanović, E. (2016) Determination of total proteins content in bee honey by UV spectrophotometry. *Works of the Faculty of Agriculture and Food Science*, 66(1), 99-103.
- Dizdar, M.**, Vidic, D., Štefane, B., Požgan, F., Maksimović, M. (2016) Structure-activity Relationship of 4-Hydroxybenzoic Acid Derivatives as Potential Antioxidants. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 100.
- Hadžić, S., Haljković, F., **Dizdar, M.**, Vidic, D., Maksimović, M. (2016) *In vitro* Antioxidant Activity of Quercetin and Rutin. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 122.
- Haljković, F., Hadžić, S., **Dizdar, M.**, Vidic, D., Maksimović, M. (2016) Naringenin and Naringin as Antioxidants: A Comparative Study. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 101.
- Jozeljčić, B., Talić, L., Vukas, M., **Dizdar, M.**, Čulum, D., Vidic, D. (2016) Spectrophotometric Determination of Total Monoterpenes Content in Essential Oil of Selected Aromatic Plants. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 119.
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- Tahirović, I., Drlječanin, N., **Dizdar, M.**, Buza, N., Čopra-Janićijević, A., Subašić, M., Toromanović, J., Kurtagić, H. (2016) Total Phenolic Content of Meadow Bee Honey from Bosnia and Herzegovina. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 64.
- Tahirović, I., Lepara, L., **Dizdar, M.**, Toromanović, J., Džudžević-Čančar, H., Mahmutović, O., Uzunović, A., Ajanović, A. (2016) Studies on the Antioxidant Activity of Bee Honey Samples from Bosnia and Herzegovina by Phosphomolybdenum Assay. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 111.
- Tahirović, I., Mahovac, E., **Dizdar, M.**, Mahmutović, O., Lepara, Z., Ajanović, A. (2016) Hemoglobin HbA1c and Glucose Blood Levels of Diabetic Patients. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 107.
- Tahirović, I., Šljivo, E., **Dizdar, M.**, Buza, N., Čopra-Janićijević, A., Subašić, M., Toromanović, J., Kurtagić, H. (2016) Evaluation of the Total Phenolic Content of Forest Bee Honey Samples from Bosnia and Herzegovina. 2<sup>nd</sup> Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 66.
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- Arifović, L., Tahirović, I., **Dizdar, M.**, Bačinović, V., Buza, N., Subašić, M., Tursanović, E. (2015) Determination of total proteins content in bee honey using by UV spectrophotometry. 26<sup>th</sup> International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, *Book of Abstracts*, 56.
- Bačinović, V., Tahirović, I., **Dizdar, M.**, Klepo, L., Arifović, L., Ajanović, A., Toromanović, J. (2015) Gel filtration and UV spectrophotometry as combined technique for both separation and monitoring of protein separation in bee honey. 26<sup>th</sup> International Scientific-Expert Conference of Agriculture and Food Industry, Sarajevo, *Book of Abstracts*, 58.

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- Tahirović, I., Boloban, A., Ibragić, S., Džudžević-Čančar, H., Toromanović, J., Lepara, O., Ajanović, A., **Dizdar, M. (2015)** Determination of gender and age specific differences in total iron levels in human serum using a spectrophotometric method. 1<sup>st</sup> Conference on Medical and Biological Engineering in Bosnia and Herzegovina, Sarajevo, *Book of Abstracts*, 85.
- Dizdar, M.**, Vidic, D., Čavar, S., Požgan, F., Štefane, B., Maksimović, M. (2014) Antioxidant Activity of Chlorogenic Acid and Ester Analogues, 1st Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International participation. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 127.
- Šehovac, S., **Dizdar, M.**, Korać, F. (2014) Influence of the pH of the medium on the oxidation of L(+)-ascorbic acid. X Susret mladih kemijskih inženjera, Zagreb, Croatia, *Book of Abstracts*, 189.
- Vidic, D., Čavar, S., **Dizdar, M.**, Maksimović, M. (2014) Chemical Composition and Antioxidant Activity of Four Asteraceae Essential Oils, Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with International participation. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, Special Issue, *Book of Abstracts*, 113.
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