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1. PODRUČJA ISTRAŽIVANJA

Jedno od glavnih područja istraživanja je mehanizam djelovanje proučalnih enzima, posebno mijeloperoksidaze koja igra značajnu ulogu u imunološkom nadzoru i odbrambenim mehanizmima domaćina. Fokus istraživanja je studija mehanizma enzemske aktivnosti, uloga oksidativnog stresana na mehanizam djelovanja peroksidaze te sinteza aktivnih MPO inhibitora. Drugo područje istraživanja su sinteze i ispitivanje bioloških djelovanja tiosemikarbazona i njihovih metalnih kompleksa.

2. EDUCATION

PhD Wayne State University, School of Science, 1997-2002
Mentor Prof. Dr. David Rohrabacher, Department of Chemistry, Detroit, MI, USA

BSc. Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH, 1985-1990

3. RADNO ISKUSTVO

2014 – 2018, 2018-trenutno

Dekan / Sarajevo School of Science and Technology, Sarajevo Medical School, Sarajevo, Bosnia
2020 – 2020

Redovni profesor // Sarajevo School of Science and Technology, Sarajevo Medical School, Sarajevo, Bosnia
2014 – 2020

Vanredni profesor / Sarajevo School of Science and Technology, Sarajevo Medical School, Sarajevo, Bosnia
2017-trenutno

Član upravnog odbora, Association of Medical Schools of Europe, Berlin, Germany
2014 – 2014

Vanredni profesor / Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
2009 – 2014

Docent / Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH
2012 – 2014

Docent / Faculty of Engineering and Information Technologies, Genetics and Bioengineering, International Burch University, Sarajevo, Bosnia
2010 – 2012

Docent / Univerzitet Sarajevo, Pedagoški fakultet, Sarajevo, Bosnia
2003 – 2008

Istraživač / Ob/Gyn Department, School of Medicine, Wayne State University, Detroit, MI, USA
2002 – 2002

Predavač / Macomb College, Warren, MI, USA
1997 – 2002

Asistent u nastavi/asistent u istraživanju / School of Science, Wayne State University Detroit, MI, USA
1991 – 1996

Asistent / Univerzitet Sarajevo, Medicinski fakultete, Stomatološki fakultete, Poljoprivredni fakultet

4. ISKUSTVO U NASTAVI

a.)prvi ciklus-dodiplomska nastava

2014-trenutno, *Sarajevo School of Science and Technology, Sarajevo Medical School, Sarajevo, BiH*
Medicinska hemija, Medicinska Biohemija, Biohemija, Slobodni radikali u hemiji

2008-2014 *Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH*
Opšta hemija, Uvod u laboratorijske metode , Slobodni radikali u hemiji, Hemija nitrogenovih jedinjenja,

2012-2014 *Faculty of Engineering and Information Technologies, Genetics and Bioengineering, International Burch University, Sarajevo, BiH*
Biohemija, Opšta hemija, Biomolekule-laboratorijske metode

2010-2012 *Univerzitet Sarajevo, Pedagoški fakultet, Sarajevo, BiH*
Hemija

2002 *Macomb College, Warren, MI, USA*
Opšta hemija i Biohemija, Opšta hemija

1997-2002 *School of Science, Wayne State University Detroit, MI, USA*
Biohemija, Opšta hemija za student medicine

1991-1996 *Univerzitet Sarajevo, Medicinski fakultete, Stomatološki fakultete, Poljoprivredni fakultet*
Medicinska hemija, Analitička hemija, Hemija

b.)treći ciklus-doktorske studije

Trenutno-, *Sarajevo School of Science and Technology, Sarajevo Medical School, Sarajevo, BiH*
Metodologija naučnog rada, Enzimologija,

2008-2019 *Univerzitet u Sarajevu, Prirodno-matematički fakultet, Sarajevo, BiH*
Redoks procesi u biološkim sistemima, Kompjutaciona hemija

c.) Mentorstvo

- E.Civić- Hodžić (2019) " Kvalitativno i kvantitativno određivanje melatonina u prisustvu oksidativnog stresa kataliziranog metalima i njegove moguće funkcije u biljkama" **Doktorska teza, odbranjenja.** Univerzitet u Bihaću, Biotehnološki fakultete / Univerzitet u Banjaluci, Prirodno-matematički fakultet
-
- N.Jelić-Knezović(2019) "Koncentracije nitrita, nitrata i mijeloperoksidaze u metaboličkim poremećajima ", **Doktorska teza,odbranjena,** Sveučilište Mostar, Medicinski fakultete , /Univerzitet u Sarajevu, Prirodno-matematički fakultet
- S.Ljubijankić "Stvaranje i inhibicija beta amiloidnih proteina sa bakrom u prisustvu oksidativnog stresa", **doktorska disertacija- u toku,** Univerzitet u Banjoj Luci, BiH

- S. Gvožđar (2105)"Halogenacija taurine u prisustvu fizioloških koncentracija halogenih i pseudohalogenih kiselina ",*Magistarski rad, odbranjen*, Univerzitet u Sarajevu, Prirodno-matematički fakultet
- E.Civić-Hodžić (2013)"Mehaničke i simulacijske studije laktoperoksidaznog sistema *Magistarski rad, odbranjen*. Univerzitet u Sarajevu, Prirodno-matematički fakultet
- M. Begović "Ineterakcije melatonina sa hemom i heminom " *Magistarska teza- u toku* , Univerzitet u Sarajevu, Prirodno-matematički fakultet
- D.Rebac " Analiza zagađenosti zraka u Kantonu Sarajevo u periodu od 2016 do 2018 godine i korelacija sa hroničnim opstruktivnim plućnim bolestima " *Magistarska teza- u toku* , Univerzitet u Sarajevu, Prirodno-matematički fakultet
- M.Muhidinović, *obavezna studijska praksa*, Spektroskopske metode, Sorbonne Université, Paris, France / Sarajevo School of Science and Technology, Sarajevo Medical School, Sarajevo
- Član preko 20 Komisija za odbranu završnih radova, magistarskih i doktorskih teza ,PMF, Univerzitet u Sarajevu i Sarajevska Škola nauke i tehnologije, Medicinski fakultet,

5. PROFESIONALNI RAZVOJ

- TAIEX radionica o priznavanju profesionalnih kvalifikacija doktora i stomatologa u EU, organizovana u saradnji sa Ministarstvom civilnih poslova Bosne i Hercegovine, septembar 2019, Sarajevo
- 21st International Conference on Oxidative Stress Reduction, Redox Homeostasis and Antioxidants - Paris Redox 2019 - Paris, France, June 20-21, 2019. Pozvani predavač
- Association of Medical Schools of Europe konferencija "Best Practice for Research Teaching in Medical Education"4 - 6 Oktobar 2018, Pécs, Hungary
- Second teachers conference, *STEM OBRAZOVANJE*-Nauka, tehnologija, inženjerstvo i matematika: Obrazovanje za globalno liderstvo, Maj 22, 2018, SSST, Sarajevo, BiH
- Association of Medical Schools of Europe konferencija "Quality assurance initiative of AMSE" 9. Septembar 2017, Berlin, Germany
- EU commission, Workshop Technical assistance on Horizon2020, Novembra, 2014, Sarajevo, BiH
- Gostujući naučnik, University of Natural resources and Life Sciences, Biochemistry Division, Vienna, Austria ,pozvani predavač, 22.-29. 09. 2012
http://www.chemie.boku.ac.at/fileadmin/_H77/H770/Departmentreport_10_12.pdf
- JoinEU-SEE razmjena između EU i zemalja Zapadnog Balkana, Gostujući naučnik, Medical University of Graz, Austria, 14.6.2010-14.7.2010
- Šesta konferencija, Reforma visokog obrazovanja - *Kontinuitet reforme viskog obrazovanja*, Sarajevo, 13- 14.04. 2012
- Peta konferencija, Reforma visokog obrazovanja - *Budući trendovi u reformi visokog obrazovanja prema Bolonja principima*, Sarajevo, 14. -15.04. 2011
- Četvrta konferencija, Regroema visokog obrazovanja,*Razvoj sistema kvaliteta u visokom obrazovanju*, Sarajevo, 16.- 17.04. 2010
- III internacional radionica, *Obrazovanje nastavnika* , Zenica ,Bosnia, 22.-23. 04. 2010
- A National Symposium on Inflammation and Disease Progression, April, 2008, Wayne State University, Detroit , MI ,USA

- Gostujući predavač, Univerzitet u Sarajevu, Prirodno-matematički fakultete; World University Services (WUS), Austrian Committee i Austrian Federal Ministry for Foreign Affairs, December 2003.
- Outstanding Research Associate, Mott Center for Human Growth and Development, Wayne State University, Detroit, MI , 2004-2005
- Laboratorijska sigurnost i Biosigurnost, certifikat, Wayne State University, Detroit, MI, USA

Profesionalna udruženja

Association of Medical Schools of Europe, člana upravnog odbora
 European Medical Association
 International Network for Government Science Advice (INGSA)
 American Chemical Society
 Society for Free Radical Biology and Medicine
 Bosnian-Herzegovinian American Academy of Arts and Sciences (BHAAAS)

Profesionalne aktivnosti

- Dopredsjednik organizacionog komiteta, 4th Mediterranean Forum Sarajevo-Dubrovnik Constellation, 23-24 oktobar, 2020, Sarajevo, BiH
- Lecturio Inc. webinar: Re-envisioning Medical Education - Transforming Constraints into Opportunities, Juli, 22, 2020
- Vođa međunarodne grupe: Medicinsko obrazovanje s najboljim dokazima (BEME): Strukturirani istraživački program kao dio dodiplomskog programa medicinskih škola - sistematski pregled, Asocijacija za medicinsko obrazovanje u Evropi (AMEE), 12 Airlie Place Dundee, DD1 4HJ, UK
- Association of Medical Schools of Europe - upravni odbor, 22. februarr,2019, Berlin,Germany
- Association of Medical Schools of Europe - upravni odbor , 6 Oktobar,2018, Pécs, Hungary
- Član naučnog komiteta *Kongresa hemičara i tehnologa Bosne i Hercegovine sa internacionalnim učešćem*, Oktobar, 19-21,2018, Sarajevo, BiH
- Second teachers conference, Maj, 2018, SSST, Sarajevo, BiH
- Association of Medical Schools of Europe - upravni odbor , 9 Septembar, 2017, Berlin, Germany
- Član programskog komiteta *International Conference on Medical and Biological Engineering in Bosnia and Herzegovina* 16-18, Mart, Sarajevo (CMBEBIH 2017)
- Predsjednik organizacionog komiteta *Kongresa hemičara i tehnologa Bosne i Hercegovine sa internacionalnim učešćem*, Oktobar, 22-24,2016, Sarajevo, BiH
- Predsjednik organizacionog komiteta *Kongresa hemičara i tehnologa Bosne i Hercegovine sa internacionalnim učešćem*, Oktobar ,10-12,2014, Sarajevo, BiH
- Član naučnog komiteta, *The 5th International Symposium on Sustainable Development [ISSD 2014] 'Biotechnology for Sustainable Development'*, May 15-18, 2014 – Sarajevo, Bosna and Hercegovina
- Editor, Glasnik, hemičara i tehnologa BiH, Izdavač Prirodno-matematički fakultete, Sarajevo
- Scientific editor, PLOSOne
- Lektor,Glasnik, hemičara i tehnologa BiH, Izdavač Prirodno-matematički fakultete, Sarajevo
- Recenzent , Federalno ministarstvo nauke i obrazovanja, Udžbenik Hemije za osmi razred , 2013
- Strani jezici; engleski , njemački , francuski

6. PROJEKTI

- **Ministarstvo obrazovanja i nauke Kanton Sarajevo**

Uloga: voditelj projekta (2019-2021.)

Naslov: Učinak hemijskih i bioloških aktivnih supstanci na mikrobiološke i fiziološke procese na urogenitalni trakt i funkcije reproduktivnih sistema

- **Ministarstvo civilnih poslova, BiH**
Voditelj projekta (2019)
Naziv : Sveobuhvatna studija kavliteta zraka u Kantonu Sarajevo i njegov utjecaj na zdravlje stanovništva
- **COST Action-Multi-target paradigm for innovative ligand identification in the drug discovery processes 2016-2020**
- **Ministarstvo civilnih poslova, BiH**
Učesnik (2016-2017)
Naziv : Analiza i mapirane okolišnog zagađenja i utjecaj na stanovništvo područja Hadžići
- **Federalno ministarstvo obrazovanja i nauke , BiH**, broj:05-39-5613/11
Voditelj projekta (2012-2013)
Naziv: Inhibicija LPO metalnog centra ;reakcioni mehanizam i struktura metalnog centra enzima
- **American Heart Association grant, TX,USA**
Voditelj projekta (01/10/2006-12/31/2007)
Naziv: Modulation of inducible Nitric Oxide Synthase Activity
- **American Heart Association grant, TX, USA**
Voditelj projekta, (01/01/2008-12/31/2008)
Naziv: Modulation of Myeloperoxidase Activity by Peroxynitrite
- **National heart, lung and blood institute**, Bethesda, MD, USA (11/1/2002 - 6/30/2005)
Učesnik
Naziv: Regulation of myeloperoxidase catalysis by nitric oxide
- **National Science foundation**, Alexandria, Virginia ,USA (02/02/1999 - 6/30/2002)
Učesnik
Naziv: Gated Electron Transfer in Copper(II)/(I) Systems

7. PUBLIKACIJE

a) Orginalni naučni radovi

1. Galijasevic, S., Muhidinovic,M, Grizić S.(2020) "Peroxidase activity of hemoglobin and heme destruction" *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, prihvaćeno za objavljanje,V54, Web of Science Emerging Sources Citation Index, CAS, EBSCO*
2. Ljubijankić N., Galijasevic, S.(2020) "Synthesis and characterization of Fe(III) complex with thiosemicarbazide-based ligand" *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, prihvaćeno za objavljanje,V54 ,Web of Science Emerging Sources Citation Index, CAS, EBSCO*
3. **Galijasevic, S.** (2018) The development of myeloperoxidase inhibitors. *Bioorganic & Medicinal Chemistry Letters*, 2019 Jan 1;29(1):1-7. **Web of Science, CC Life Science, Q1**
4. Jelić-Knezović,N., **Galijašević,S.**, Lovrić,M., Vasilj, M., Selak,S., Mikulić, I.(2018) Levels of nitric oxide metabolites and myeloperoxidase in subjects with type 2 diabetes mellitus on metformin therapy *Experimental and Clinical Endocrinology & Diabetes*, , 12 Mar 2018, 127(1):56-61 **Web of Science, CC Life Science, Q2**
5. Hodžić, E. Balaban M., Šuškalo,N., **Galijašević,S.**, Hasanagić,D., Kukavica, B.(2019)Antioxidative response of Melissa officinalis L. and Valeriana officinalis L. leaves exposed to exogenous melatonin and excessive zinc and cadmium level. *J. Serb. Chem. Soc.* Vol 84, No 1, 11-25, **Web of Science-Science citation index expanded, SCOPUS, Q3**
6. Topcagic A., Cavar Zeljkovic S, Karalija E, **Galijasevic S**, Sofic E (2017)Evaluation of phenolic profile, enzyme inhibitory and antimicrobial activities of Nigella sativa L. seed extracts.*Bosn J Basic Med Sci* ; Vol. 17 pp. 286-294. **Web of Science-Science citation index expanded, Medline/Pubmed, Q1**
7. Cipurkovic, A., Horozic, E., Ljubijankic,N., Odobasic, A., **Galijasevic, S.**,Saletovic, M.(2017) "Synthesis and spectral characterization of Fe(II) and Mn(II) complexes with oral fluorouracile pro-drug capecitabine" *R. Journal of Chemistry*, 10(4), 1381-1390 ,**Scopus, CAS, Q2**
8. Ostojic J., **Galijasevic, S.**, Herenda S., Galic S., Milos M .(2106) "Inhibition of horseradish peroxidase activity by boroxine derivative, dipotassium trioxohydroxytetrafluorotriborate K₂[B₃O₃F₄OH]" *Journal of Chemistry*, Volume 2017, Article ID 8134350, 7 pages, **Science Citation Index Expanded, Scopus, CAS, Q3**
9. Balihodzic, A.,Henić,H., Maltez, N., Mrzić, A., Musić, E., Omerbašić, Z., Salhab, A., El-Amin Zeid, M., Ibrišimović-Mehmedinović, N., **Galijasevic, S.**, Ibrišimović, M.(2017). "Factors Affecting Total Protein Extraction from Human Leukocytes". *European Journal of Scientific Research*. 144. 159-167.**Scopus, Q4**

10. **Galijasevic, S.** (2016)"Many roles of melatonin :diversity and complexity of reaction pathways" *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 48,51-58, Online ISSN:2232-7266,**Web of Science Emerging Sources Citation Index, CAS, EBSCO**
11. Hadžibegović Z., , Salibašić Dž., , Galijašević S. (2014)" Knowledge of Atomic Structure and Visualization: A Research Results from Questionnairewith First-year Chemistry Students"43, 49-56. **Web of Science Emerging Sources Citation Index, CAS, EBSCO**
9. **Galijašević, S.**, Hodžić, E. (2014). "Melatonin mediates classic lactoperoxidases catalytic mechanism "*International Journal of Pharmacy*, 4(1): 1-6 (ISSN 2249-1848;)
- 10.**Galijašević,S.**(2013)."Thermodynamic and electron-transfer properties of copper(II/I) polyaminothiaether complexes" *Transition Metal Chemistry* 38, (8), 883-8906 (ISSN 2249-1848;)
11. **Galijašević, S.** (2013). , Myeloperoxidase interactions with nitric oxide: A review of mechanistic pathways"*Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 40 1-8. Print ISSN: 0367-4444; Online ISSN: 2232-7266;
12. Hadžibegović, Z., **Galijašević, S.**(2013). 100 Years Anniversary of the Bohr Model of the Atom: How Chemistry Freshmen Understand Atomic Structure of Matter. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 40, 51-56. (Print ISSN: 0367-4444; Online ISSN: 2232-7266;
13. Rimpapa, Z., Pleho-Kapić, A., **Galijašević, S.**, Šapčanin, A.,Korać, F.(2013). Change inAcidity of L-Ascorbic Acidin the Mixed Solvent DMSO-Water Followed by Conductometric Determination of Dissociation Constants. *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 40, 35-38. (Print ISSN: 0367-4444; Online ISSN: 2232-7266)
14. **Galijašević S.**(2012) Theoretical Studies of Structures and Thermodynamic Parameters of Melatonin and its Metabolites: *N¹-Acetyl-N²-formyl-5-metoxy kynuramine and N¹-Acetyl metoxykynuramine*, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina* , 39, 39-43.(Print ISSN: 0367-4444; Online ISSN: 2232-7266;)
15. Gojak, S., **Galijašević, S.**, Hadžibegović, Z., Zejnilagić-Hajrić, M., Nuić, I., Korać, F. (2012). Integrated knowledge of physics and chemistry: case of Physical Chemistry course, *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina*, 38, 43-51.(Print ISSN: 0367-4444; Online ISSN: 2232-7266;)
16. **Galijašević, S.**, Hadžibegović, Z. (2012). Question of Mobility Pilot Study: Students' Competency, Capacity and Reality. *International Journal of Education*, 4(1), 47-59. (ISSN 1948-5476).
17. **Galijašević, S.** (2012). Structure of blue copper proteins: electron-transfer kinetics of Cu(II/I) copper complex with macrocyclic ligand with N₂S₂ donor set *Bulletin of the Chemists and Technologists of Bosnia and Herzegovina* 38, 25-30.(Print ISSN: 0367-4444; Online ISSN: 2232-7266;)
18. **Galijašević, S.**, Maitra,D., Lu, T., Slišković,I., Abdulhamid, I., Abu-Soud, H.(2009) Myeloperoxidase interaction with peroxynitrite: chloride deficiency and heme depletion. *Free Radical Biology and Medicine*, 47, (4), 431–439 (ISSN 2249-1848)

19. **Galijasevic,S.**, Abdulhamid, I., Abu-Soud, H. M. (2008) Potential Role of Tryptophan and Chloride in the Inhibition of Human Myeloperoxidase. *Free Radical Biol. Med*, vol. 44, 1570-1577;
20. **Galijasevic,S.**, Abdulhamid, I. Abu-Soud, H. M. (2008) Melatonin is potent inhibitor of Myeloperoxidase. *Biochemistry* 47(8):2668-2677
21. Lu,T., **Galijasevic,S.**, Abu-Soud H. M. (2008) Analysis of the Mechanism by which Melatonin Inhibits Human Eosinophil Peroxidase, British *Journal of Pharmacology* Volume: 154 Issue: 6, 1308-1317
22. **Galijasevic, S.**, Proteasa,G., Abdulhamid, I. , Abu-Soud, H. M. (2007) The potential role of nitric oxide in substrate switching in eosinophil peroxidase *Biochemistry* 46(2):406-15
23. Proteasa, G., Tahboub, Y., **Galijasevic, S.**, Raushel, F. M., Abu-Soud, HM. (2007) Kinetic evidence supports the existence of a second halide-binding site and its influence on heme pocket microenvironment of the human Myeloperoxidase. *Biochemistry* 46(2); 398-405
24. **Galijasevic, S.**, Saed, G. M., Hazen, S. L., Abu-Soud, H. M. (2006) Myeloperoxidase Metabolizes Thiocyanate in a Reaction Driven by Nitric Oxide. *Biochemistry* 45, 1255-1262
25. Saed, G.M., Diamond, M.P., **Galijasevic, S.** Abu-Soud, H. M. (2005) Measurement of Oxygen and Nitric Oxide Levels *In Vitro and In Vivo*. *Fertil. and Steril.* 81, 235-238
26. Tahboub,Y.R., **Galijasevic, S.** Diamond, M. P. Abu-Soud, H. M. (2005) Thiocyanate modulates the catalytic activity of mammalian peroxidases. *Journal of Biological Chemistry* 280, 26129-26136
27. **Galijasevic, S.**, Diamond, M. P., Abu-Soud, H. M. (2004) High dissociation rate constant of ferrous-dioxy complex linked to the catalase like activity in lactoperoxidase. *Journal of Biological Chemistry* 279, 39465-39470
28. **Galijasevic, S.**, Saed, G.M. Diamond, M.P. Abu-Soud, H. M. (2003) Myeloperoxidase up-regulates the catalytic activity of inducible nitric oxide synthase by preventing the nitric oxide feedback inhibition. *Proceedings of National Academia of Sciences of U S A*. 100, 14766-14771
29. **Galijasevic, S.**,Krylova, K., Koenigbauer, M., Heeg, M. J. Ochrymowycz, L. A. , Taschner, M. J. Rorabacher, D. B. (2003) Chelate ring sequence effects on thermodynamic, kinetic and electron-transfer properties of copper(II/I) system involving macrocyclic ligands with S₄ and NS₃ donor set. *Journal of Chemical Society, Dalton Trans.*, 1577-1586

b) Konferencijske publikacije, abstrakti, prezentacije

1. **Galijasevic S.** Myeloperoxidase, oxidative stress, and diseases- can we stop it?
21st International Conference on Oxidative Stress Reduction, Redox Homeostasis and Antioxidants - Paris Redox 2019 - Paris, France in June 20-21, 2019. Pozvani predavač
2. Topcagic A., Cavar Zeljkovic S, Karalija E, **Galijasevic S.**, Sofic E, Phenolic content and biological activites of anis seed extracts. *Balkan Botanical Congress*, 10-14. Septembar, 2018, Novi Sad, Srbija
3. **Galijasevic, S.** Incorporating research into medical curriculum: Sarajevo Medical School experience Prof. Semira Galijasevic. *Association of Medical Schools of Europe (AMSE) conference "Best Practice for Research Teaching in Medical Education"*4 - 6 October 2018, Pécs, Hungary

4. Jelic-Knezovic, N., **Galijasevic, S.**, Vasilj, M., Azinovic, I., Mikulic, I., Markovic, M.(2016), Levels of myeloperoxidase in plasma of patients with Type 2 diabetes mellitus without cardiovascular complications., *The second International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, October 22-24,2016, Sarajevo, Bosna and Hercegovina
5. **Galijašević, S.**, Cipurkovic, A., Ljubljankic, S., Jadranin, M., Granzov., Ljubljankic, N.,(2016) Synthesis and characterization of Fe(III) complexes with salicyladehyde tiosemicarbazone, *The second International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, October 22-24,2016, Sarajevo, Bosna and Hercegovina
6. Ljevarević. Mrehić. E, **Galijasevic, S.**, Interactions of melatonin and copper(II) melatonin complex with pUC19 DNA (2014) *First International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina*, October 10-12,2014, Sarajevo, Bosna and Hercegovina
7. **Galijašević, S.** (2014) Modeling the catalytic mechanism of lactoperoxidase with estradiols *The 3th International Symposium on environmental protection*, May, 2014, Bihać, Bosnia
8. **Galijašević, S. (2014)** Inhibition of inflammatory enzyme myeloperoxidase- mechanistic pathway. *The 5th International Symposium on Sustainable Development [ISSD 2014] 'Biotechnology for Sustainable Development'*, May 15-18, 2014 – Sarajevo, Bosnia
9. **Galijašević, S.**, Doluca O., Ljevarević, V., Mrehic E. Copper interactions with DNA in the presence of melatonin. *The 5th International Symposium on Sustainable Development [ISSD 2014] 'Biotechnology for Sustainable Development'*, May 15-18, 2014 – Sarajevo, Bosnia
10. **Galijašević, S.**, Beglerovic B. Formation and characterization of Cu(II) and Cu(I) complexes with L-Tryptophan. *The 5th International Symposium on Sustainable Development [ISSD 2014] 'Biotechnology for Sustainable Development'*, May 15-18, 2014 – Sarajevo, Bosnia
11. Dugandžić V., Ljevarević, V., **Galijašević, S.**(2014) Theoretical studies of molecular structure and IR spectra of melatonin X. *Susret mladih kemijskih inženjera, 20. i 21.02., Zagreb,Croatia, Abstract book ,st.94.* (ISBN 978-953-6470-65-5)
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