

KATEDRA ZA PRIRODNO-MATEMATIČKE PREDMETE U FARMACIJI	
2016	
Objavljeni radovi	
1.	MANDAL, Šaćira. Analiza ukupnog sadržaja željeza u čaju (<i>Camellia sinensis L.</i>). XI Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, PROCEEDINGS, 2016; pp 22-30
2.	MANDAL, Šaćira. Analiza fizičko-hemijskih karakteristika i sastava masnih kiselina u ricinusovom ulju (<i>Ricini oleum</i>). XI Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, PROCEEDINGS, 2016; pp 31-39
Radovi prezentirani na međunarodnim i domaćim kongresima i simpozijumima	
1.	MANDAL, Sacira, CAUSEVIC, Adlija, VELIJA ASIMI, Zeliya, KURTAGIC, Harun, ABDEL FATTAH, Nevzeta, ADILOVIC, Muhamed, BRKOVIC, Esad, SEMIZ, Sabina. Association of free fatty acids with leptin in newly diagnosed Type 2 diabetes. 42 nd FEBS CONGRESS, Biochemistry for Tomorrow's Medicine, September 03-08, 2016, Kusadasi, Turkey, The FEBS Journal 2016; 283(1): 244.
2.	MAREVAC, Naida, KEŠKIĆ, Nejra, MANDAL, Šaćira. The determination of iron levels in Menthae tea (<i>Mentha piperita L.</i>). 2 nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, October 21-23, Sarajevo, Bosnia and Herzegovina, Book of Abstracts, Book of Abstracts, Special issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 2016; 41.
3.	KEŠKIĆ, Nejra, MAREVAC, Naida, MANDAL, Šaćira. The Total of Iron levels in Tea (<i>Camelia sinensis L.</i>). 2 nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, October 21-23, 2016, Sarajevo, Bosnia and Herzegovina, Book of Abstracts, Special issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 2016; 52.
4.	DŽUDŽEVIC-ČANČAR, Hurija, DEDIĆ Alema, LAKOTA Irma, MURATOVIĆ Samija, ALISPAHIĆ Amra, MANDAL Šaćira, KAHROVIĆ Emira. Synthesis, Structural Characterization and Effects of Modified Synthetic Methods on the Yield of Benzyl Alcohol. 2 nd International Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina, October 21-23, 2016, Sarajevo, Bosnia and Herzegovina, Book of Abstracts, Special issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, 2016; 113.
5	MANDAL, Sacira, CAUSEVIC, Adlija. Nutrigenetics and Nutrigenomics and dietary patterns in diabetes. Conference of Bioethics in the Era of Genomics and Personalized Medicine, International University of Sarajevo, October 28, 2016, Sarajevo, Bosnia and Herzegovina,
6.	MANDAL, Sacira, CAUSEVIC, Adlija, SEMIZ, Sabina. Use of gene editing tools in diabetes/metabolic disease-ethical dilemmas. Conference of Bioethics in the Era of Genomics and Personalized Medicine, International University of Sarajevo, October 28, 2016, Sarajevo, Bosnia and Herzegovina,
7.	MANDAL, Šaćira. Analiza fizičko-hemijskih karakteristika i sastava masnih kiselina u ricinusovom ulju (<i>Ricini oleum</i>). XI Conference of Chemists, Technologists and Environmentalists of Republic of Srpska, Novembar 18-19, 2016, Teslić, Bosna i Hercegovina, Book of Abstracts, 2016; 15.
8.	MANDAL, Šaćira. Analiza ukupnog sadržaja željeza u čaju (<i>Camellia sinensis L.</i>). XI Conference of Chemists, Technologists and Environmentalists of Republic of Srpska,

Naučna i istraživačka djelatnost-DOC.DR.ŠAĆIRA MANDAL

	Novembar 18-19, 2016, Teslić, Bosna i Hercegovina, Book of Abstracts, 2016; 16.
2015	
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1.	MANDAL , Šaćira, BANJANIN, Božo, KUJOVIĆ, Ismir, MALENICA, Maja. Spectrophotometric Determination of Total Iron Content in Black Tea. <i>Bulletin of the Chemists and Technologists of Bosnia and Herzegovina</i> , 2015; 44: 29-32
Radovi prezentirani na međunarodnim i domaćim kongresima i simpozijumima	
1.	MANDAL , Sacira, CAUSEVIC, Adlija. Detection of non-esterified fatty acids in plasma samples in diabetes management. <i>1st Conference on Medical and Biological Engineering in Bosnia and Herzegovina, CMBEBiH 2015, March 13–15, 2015, Sarajevo, Bosnia and Herzegovina</i> , Abstract book, 119.
2.	CAUSEVIC, Adlija, MALENICA, Maja, BEGO, Tamer, DUJIC, Tanja, PRNJAVORAC, Besim, MANDAL , Sacira , SEMIZ, Sabina. The association between commonly used inflammatory markers and uric acid in prediabetes. <i>21st IFCC – EFLM; EuroMedLab 2015, June 21-25, 2015, Paris, France, Clin Chem Lab Med</i> , 2015; 53(1), S605.
3.	MANDAL , Sacira, CAUSEVIC, Adlija, MALENICA, Maja, SEMIZ, Sabina. Free fatty acids and liver inflammation in Type 2 diabetic women. <i>21st IFCC – EFLM; EuroMedLab 2015, June 21-25, Paris, France, Clin Chem Lab Med</i> , 2015; 3(1), S647.
4.	MANDAL , Šaćira , ČAUŠEVIĆ, Adlija, MALENICA, Maja, BEGO, Tamer, SEMIZ, Sabina. <i>Novi biomarkeri u preciznoj dijagnozi i terapiji Tip 2 dijabetesa</i> “, Treći Kongres farmaceuta Bosne i hercegovine sa međunarodnim učešćem, „Farmacija zasnovana na dokazima“, <i>Maj 14-17, 2015, Sarajevo, Bosna i Hercegovina, Pharmacia</i> 2015; 18(1):139-143.
5.	MANDAL , Sacira , CAUSEVIC, Adlija, SEMIZ, Sabina. Analysis of the plasma free fatty acids composition in prediabetes. <i>23rd Meeting of Balkan Clinical Laboratory Federation, 2nd National Congress of the Association of Medical biochemist in Bosnia and Herzegovina, October 07-09, 2015, Sarajevo, Bosnia and Herzegovina, Balkan Journal of Clinical Laboratory</i> , 2015; XXIII, 15, 1: 68.
6.	MALENICA, Maja, CAUSEVIC, Adlija, MANDAL , Sacira , DUJIC, Tanja, BEGO, Tamer, PRNJAVORAC, Besim, SEMIZ, Sabina. Correlation between liver enzymes and palmitic acid regarding glycemic control in type 2 diabetic patients. <i>23rd Meeting of Balkan Clinical Laboratory Federation, 2nd National Congress of the Association of Medical biochemist in Bosnia and Herzegovina, October 07-09, 2015, Sarajevo, Bosnia and Herzegovina, Balkan Journal of Clinical Laboratory</i> , 2015; XXIII, 15, 1: 58.
Predavanja na stranom univerzitetu	
1.	MANDAL , Šaćira . <i>Organic compounds: [invited lecture within undergraduate studies, International University of Sarajevo, Faculty of Engineering and Natural Sciences], 20th May, Sarajevo, Bosnia and Herzegovina. Sarajevo, 2015.</i>
2.	MANDAL , Šaćira . <i>Organic compound of life: [invited lecture within undergraduate studies, International University of Sarajevo, Faculty of Engineering and Natural Sciences], 20th May, Sarajevo, Bosnia and Herzegovina. Sarajevo, 2015.</i>
2014	
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1.	MANDAL, Šaćira, ŠAPČANIN, Aida, BANJANIN, Božo, VUKOVIĆ, Semir. Pripremanje polaznih sirovina u sredstvima za njegu(Preparation of raw materials in plant care). <i>Vox Scientiae PHARM-HEALTH</i> , 2014; 2(1): 41-47
2.	MANDAL, Sacira, CAUSEVIC, Adlija, PRNJAVORAC, Besim, SEMIZ, Sabina. Non-esterified fatty acids as possible biomarkers in glucose control of prediabetes and Type 2 diabetes. <i>J. Res. Pharm. Sci.</i> , 2014; 1(1): 28-38
Radovi prezentirani na međunarodnim i domaćim kongresima i simpozijumima	
1.	MANDAL, Sacira, CAUSEVIC, Adlija, MALENICA, Maja, PRNJAVORAC, Besim, SEMIZ, Sabina. Association of elevated free fatty acids and C-reactive protein in Type 2 diabetic patients. <i>22nd International Congress of Clinical Chemistry and Laboratory Medicine (IFCC Worldlab 2014) and 26th National Congress of the Turkish Biochemical Society (TBS 2014), June 22 – 26, 2014, Istanbul, Turkey, Clin Chem Lab Med</i> , 2014; 52(7): S686.
2.	MALENICA, Maja, CAUSEVIC, Adlija, BEGO, Tamer, DUJIC, Tanja, PRNJAVORAC, Besim, MANDAL, Sacira, SEMIZ, Sabina. The association between γ -glutamyltransferase, aspartate aminotransferase, alanine aminotransferase and alkaline phosphatase and uric acid in patients with Type 2 diabetes mellitus. <i>22nd International Congress of Clinical Chemistry and Laboratory Medicine (IFCC Worldlab 2014) and 26th National Congress of the Turkish Biochemical Society (TBS 2014), June 22 – 26, 2014, Istanbul, Turkey, Clin Chem Lab Med</i> , 2014; 52(7): 685.
3.	MANDAL, Šaćira, BANJANIN, Božo, KUJOVIĆ, Ismir, MALENICA, Maja. Determination of Total Iron Content in Black Tea. <i>First Congress of Chemists and Chemical Engineers of Bosnia and Herzegovina with international participation, October 10-12, 2014, Sarajevo, Bosnia and Herzegovina, Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, Special issue 2014</i> ; 54.
Objavljene knjige	
1.	ŠAPČANIN, Aida, MANDAL, Šaćira, IMAMOVIĆ, Azra. <i>Praktikum Analitičke hemije I za studente Farmaceutskog fakulteta</i> . Sarajevo: Coron's, 2014
	IMAMOVIĆ, Azra, MANDAL, Šaćira, ŠAPČANIN, Aida, PAZALJA, Mirha. <i>Praktikum Anorganske hemije za studente Farmaceutskog fakulteta</i> . Sarajevo: Coron's, 2014
Predavanja po pozivu-ostalo	
1.	SEMIZ, Sabina, MANDAL, Šaćira. <i>Pharmacy Future:Pharmacogenomics and personalized medicine</i> , 2 nd International Pharmaceutical Conference „Contemporary developments in Pharmacy“, 20th September 2014, Prizren, Kosovë. Prizren, 2014 (PL)