**Prezime i ime / *Surname and name*:**

Imamović Kadrić Selma

**Zvanje / *Position***:

Asistent / Teaching and research assistant  
**Podorganizaciona jedinica / *Department***:

Katedra za Farmaceutsku biohemiju i laboratorijsku dijagnostiku /

Department of Biochemistry and Clinical Analysis  
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**Work experience:**

* 2018.- Teaching and research assistant

Department of Biochemistry and Clinical Analysis

**Education:**

* 2013.-2018. Integrated study of Pharmacy,Faculty of Pharmacy, University of Sarajevo

Master thesis: „Drug-drug and drug-drug-gene interactions of CYP2C19“; Mentor: Assoc. Prof. Dr. Tanja Dujić

**Scientific field of interest:**

Biochemistry of drug metabolism and transport

Pharmacogenetics of type 2 diabetes; Pharmacogenetics of oral antiabetic drugs

**Radno iskustvo:**

• 2018.- Asistent na Katedri za biohemiju i kliničke analize

Predmeti:

Biohemija lijekova

Odabrana poglavlja iz Biohemije lijekova: Farmakogenomika i personalizirani lijekovi

**Obrazovanje:**

• 2013.-2018. Integrirani studij I i II ciklusa

Farmaceutski fakultet, Univerzitet u Sarajevu

Naslov Završnog rada: „Lijek-lijek i lijek-lijek.gen interakcije citokroma CYP2C19“

Mentor: Prof.dr. Tanja Dujić

**Naučna oblast interesovanja:**

Biohemija metabolizma i transporta lijekova

Farmakogenetika tipa 2 dijabetesa; Farmakogenetika oralnih hipoglikemika

**Selected publications (up to 10):**

* Imamović Kadrić S, Kulo Ćesić A, Dujić T. (2021). Pharmacogenetics of new classes of antidiabetic drugs. Bosnian journal of basic medical sciences, 21(6), 659–671.
* Dujić T, Cvijić S, Elezović A, Bego T, Imamović Kadrić S, Malenica M, Elezović A, Pearson ER, Kulo A. (2021) Interaction between Omeprazole and Gliclazide in Relation to CYP2C19 Phenotype. Journal of Personalized Medicine, 11(5):367.
* Veljović E. et al. (2017) Artificial Neural Network and Docking Study in Design and Synthesis of Xanthenes as Antimicrobial Agents. In: Badnjevic A. (eds) CMBEBIH 2017. IFMBE Proceedings, vol 62. Springer, Singapore
* Karahmet E, Prnjavorac B, Bego T, Meseldžić N, Imamović S, Karahmet E et al. (2021) IL-1β in Correlation to the Common Diabetic Complications. Acta Scientific Medical Sciences, 5(9):25-29.
* Imamović S, Meseldžić N, Malenica M, Bego T, Čaušević A, Dujić T. Drug-drug- gene interactions of cytochrome CYP2C19. The Fourth Congress of Pharmacists' of Bosnia and Herzegovina with international participation, Sarajevo, October 10-13, 2019. (oral presentation)
* Tarakčija A. et al. (2020) Development of a Diagnostic Support Software in the Clinicobiochemical Evaluation of Thyroid Disease Diagnosis. In: Badnjevic A., Škrbić R., Gurbeta Pokvić L. (eds) CMBEBIH 2019. CMBEBIH 2019. IFMBE Proceedings, vol 73. Springer, Cham
* Begović N. et al. (2020) Development of a Diagnostic Support Software in the Clinicobiochemical Evaluation of Secondary Amenorrhea Diagnosis. In: Badnjevic A., Škrbić R., Gurbeta Pokvić L. (eds) CMBEBIH 2019. CMBEBIH 2019. IFMBE Proceedings, vol 73. Springer, Cham
* Meseldzic N, Bego T, Dujic T, Causevic A, Vukasinovic A, Kotur-Stevuljevic J, Imamovic S, Prnjavorac B, Malenica M. Correlation of oxidative stress parameters (Advanced oxidation protein products and Thiol groups) with lipid profile parameters in newly diagnosed diabetic patients. Poster presented at: IFCC EuroMedLab;2019 May 19-23; Barcelona, Spain.
* Bego T, Meseldžić N, Malenica M, Dujić T, Semiz S, Imamović S, Ćordić I, Prnjavorac B, Velija-Ašimi Z, Deljkić E, Bego Z, Čaušević A. The importance of determining markers of hepatic function in menopausal women with type 2 diabetes. Poster presented at: Congress of the Croatian Society of Biochemistry and Molecular Biology HDBMB2019 - CROSSROADS IN LIFE SCIENCES; 2019 September 25-28; Lovran, Croatia.
* Malenica M, Smailagić A, Dujić T, Meseldžić N, Imamović S, Bego T, Čaušević A. Effects of type 2 diabetes on breast cancer in woman. The Fourth Congress of Pharmacists' of Bosnia and Herzegovina with international participation, Sarajevo, October 10-13, 2019. (oral presentation)