**NAME AND SURNAME: Selma Škrbo**

**Work experience**

* 2022. Associate professor

Pharmacokinetics, Clinical Pharmacy, Department of Pharmacology and Clinical Pharmacy, Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

* 2016/2017 Assistant Professor

Pharmacokinetics, Clinical Pharmacy, Department of Clinical Pharmacy, Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

* 2012. Assistant Professor

Pharmacokinetics, Clinical Pharmacy, Department of Clinical Pharmacy, Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

* 2008-2015 Samed d.o.o., Sarajevo

Responsible person for the registration of medicines

* 2005/2006 Senior Teaching and Researching Assistant

Pharmacokinetics, Clinical Pharmacy, Department of Clinical Pharmacy, Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

* 1994 Teaching and research assistant

Pharmacokinetics, Department of Clinical Pharmacy, Faculty of Pharmacy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina

**Education**

* 2013. Lifelong learning program "Pedagogical education of teachers" organized by the Faculty of Philosophy, University of Sarajevo, Sarajevo, Bosnia and Herzegovina
* 2012. PhD in Pharmaceutical Sciences

Doctoral dissertation: „Comparative study of the efficacy and safety of the combination of alpha 1-13 corticotropin / Met-enkephalin and corticosteroids in the treatment of bronchial asthma", Faculty of Pharmacy, University of Sarajevo, Sarajevo

* 2006.Clinical pharmacy specialist

Specialist exam in Clinical Pharmacy, Faculty of Pharmacy, University of Sarajevo/ Federal Ministry of Health, Sarajevo

* 2004. Master of Pharmaceutical Sciences

Master Thesis: “Significance of pharmacokinetic / pharmacodynamic modeling in adequate assessment of optimal heparin dosing regimen ”, University of Sarajevo, Faculty of Pharmacy

*Average grade: 9.71*

* 1994.Master of Pharmacy

Faculty of Pharmacy, University of Sarajevo, Sarajevo

*Average grade: 9.23*

* 1989. Medical high school, Sarajevo
* 1985. Elementary School „Bratstvo i jedinstvo“, Sarajevo

**Study abroad**

* 2001. Faculty of Pharmacy, Barcelona, Spain
* 1997. Faculty of Pharmacy, University of Ljubljana, Slovenia

**Academic/teaching work**

* Integrated study (I and II cycle, BA+MA), Faculty of Pharmacy, University of Sarajevo, Sarajevo
* Subjects:

*Clinical Pharmacy*

*Pharmacokinetics*

*Selected Topics in Clinical Pharmacy - Optimization of Therapy in Clinical Practice*

* Study of 3rd cycle of Faculty of Pharmacy, University of Sarajevo
* Subjects:

*Clinical pharmacy in health system*

*Interactions and safety of drugs in clinical practice*

*Methodology and ethics of scientific research*

*Ethical principles and good laboratory and clinical practice*

* Postgraduate program of non-cyclical education: "School of Applied Phytotherapy" University of Sarajevo, Faculty of Pharmacy (2018 and 2019)
* Integrated undergraduate and graduate study of Pharmacy, University of Split, Croatia
* Subjects:

*Clinical pharmacy (school years 2015/2016 and 2016/2017)*

* Specializations

Mentor and examiner for specialization in Clinical Pharmacy

* Mentorship:
* PhD student: Naida Omerović Ćorović

Doctoral dissertation: „Evaluation of the effectiveness of coronavirus disease (COVID-19) therapeutic protocols using inflammatory and coagulation markers, blood gas analyses and chest radiographs“

* PhD student: Anela Hadžifejzović Trnka

Doctoral dissertation: „Estimation of the frequency of prescribing potentially inappropriate drugs in geriatric patients with type 2 diabetes mellitus by comparing different explicit criteria“

* Master's degree student: Gafić Edina

Master dissertation: „Attitudes of patients and the role of pharmacists in the concept of self-medication with non-prescription drugs - practice and perspectives“

**Other academic positions and involvements**

* 2023- Head of Department of Social Pharmacy and Pharmaceutical Legislation
* 2021-2023 Head of Department of Pharmacology and Clinical pharmacy
* 2019–2021 Head of Department of Clinical pharmacy
* 2013–2018 Vice Dean for Finance and Economic Affairs at the Faculty of Pharmacy, University of Sarajevo
* Member of the Commission for taking the specialist exam in Clinical Pharmacy

**Projects**

* 2022. Razvoj i optimizacija kriterija za smanjenje učestalosti propisivanja potencijalno neprikladnih lijekova u gerijatrijskih pacijenata s dijabetes melitusom tip 2; Finansijer projekta: Ministarstvo za nauku, visoko obrazovanje i mlade Kantona Sarajevo; Nosilac projekta: Univerzitet u Sarajevu – Farmaceutski fakultet; Voditelj projekta: prof. dr Selma Škrbo
* 2021. Erasmus+ projekat: Innovating quality assessmenttools for pharmacy studies in Bosnia and Herzegovina – IQPharm; Finansijer projekta: Erasmus+; Nosilac projekta: Univerzitet u Sarajevu – Farmaceutski fakultet; Voditelj projekta: prof. dr. Tamer Bego
* 2020. Osiguranje kvaliteta i modernizacija nastavno-naučnog procesa na Farmaceutskom fakultetu Univerziteta u Sarajevu; Finansijer projekta: Općina Centar Sarajevo; Nosilac projekta: Univerzitet u Sarajevu – Farmaceutski fakultet; Voditelj projekta: dr sci. Belma Pehlivanović, asistent
* 2017. The importance of determining the parameters of oxidative stress, inflammation and hemostasis in the early diagnosis of obesity in the pediatric population. Finansijer projekta: Federalno ministarstvo obrazovanja i nauke; Voditelj projekta: prof. dr. Maja Malenica
* 2000. Biocompatibility testing of sanitary material; Sanitex, Sarajevo, Voditelj projekta: prof. dr. Irfan Zulić
* 1999. Study of Pharmacy Re-established on European level in the Bosnia and Herzegovina Universities - Tempus JEP-14390-1999; Tempus Phare Academic JEP. Voditelj projekta: prof. dr. Branko Nikolin

**Selected publications**

* Omerovic N, Bego T, Prnjavorac B, Smajic NZ, Becic F, Corovic H, Skrbo S. Evaluation of the Effectiveness of Coronavirus Disease (COVID-19) Therapeutic Protocols Using Inflammatory Markers. Acta Inform. Med. 2023; 31(4): 244-248.
* Omerovic N, Bego T, Prnjavorac B, Smajic NZ, Becic F, Corovic H, Skrbo S. The Use of Coagulation Markers to Evaluate the Effectiveness of Coronavirus Disease (COVID-19) Therapeutic Protocols. Mater Sociomed. 2023;35(4):270-274.
* Piljak V, Skrbo S, Omerovic N, Hadzifejzovic Trnka A, Lagumdzija D, Ziga Smajic N. Assessment of Medication Use Among Adolescents in Sarajevo Canton. Mater Sociomed. 2023; 35(3): 178-183.
* Škrbo S, Mehović S, Omerović N, Hadžifejzović Trnka A, Žiga Smajić N, Pehlivanović B, Lagumdžija D. Role of a Pharmacist in the Safe Self-medication – A Questionnaire-based Survey. Journal of Pharmaceutical Research International 2021; 33(41B): 280-294.
* Elezović A, Marić A, Biščević A, Hadžiabdić J, Škrbo S, Špirtović-Halilović S, Rahić O, Vranić E, Elezović A. *In vitro* pH dependent passive transport of ketoprofen and metformin. ADMET i DMPK 2021;9(1):57-68.
* Nermina Ziga Smajic, Selma Skrbo, Samija Muratovic, Belma Pehlivanovic, Dina Lagumdzija, Naida Omerovic. Comparison of the Effects of Allopurinol and Febuxostat on the Values of Triglycerides in Hyperuricemic Patients. Medical Archives 2020;74(3):172-176.
* Špirtović-Halilović S, Veljović E, Salihović M, Osmanović A, Šapčanin A, Softić Dž, Trifunović S, Škrijelj N, Škrbo S, Selmanagić A, Završnik D.  Synthesis, Microbiological Activity and *In Silico* Investigation for Some Synthesized Coumarin Derivatives. Croatica Chemica Acta 2020; 93(1):23-31.
* Smajović A, Katica M, Zavšnik D, Veljović E, Šeho-Alić A, Šupić J, Čamo D, Čelebičić M, Škrbo S. Toxicity testing of newly synthesized xanthene-3-ones after parenteral applications: an experimental study in rats (*Rattus norvegicus*). Veterinaria. 2020;69(3): 205-212.
* Žiga Smajić N, Škrbo S, Omerović N, Durić K, Dedić M, Hadžifejzović Trnka A, Pehlivanović B, Lagumdžija D, Bečić F. Specifics of Treatment of Hyperuricemia with Febuxostat and Its Effects on Concentrations of Total, LDL and HDL Cholesterol, Compared to the Conventional Treatment with Allopurinol. Journal of Pharmaceutical Research International 2020;32(35):44-54.
* Pehlivanović B, Čaklovica K, Lagumdžija D, Omerović N, Žiga Smajić N, Škrbo S, Bečić, F. Curcumin: Natural Antimicrobial and Anti Inflammatory Agent. Journal of Pharmaceutical Research International2020; 32(43):1-8.