**NAME AND SURNAME: DINA LAGUMDŽIJA**

**Work experience:**

* 2018 Teaching and Research assistant
* Depatment of Pharmacology and Clinical pharmacy

**Education:**

* 2022 – Specialistic study „Medical biochemistry“

University of Sarajevo – Faculty of Pharmacy

* 2018/19 - Doctoral study „Pharmaceutical Research“

University of Sarajevo – Faculty of Pharmacy

Average grade: 9.6

* *2018. Master of Pharmacy (Mpharm)*

*Diploma thesis: Inovative therpy of multiple sclerosis*

*Average grade: 8.3*

**Academic/teaching work:**

* *Integrated study of 1st and 2nd cycle of Faculty of Pharmacy, University of Sarajevo*

*Obligatory subjects:*

* + - *Pharmacology I;*
    - *Pharmacology II;*

*and associated elective subjects at Department of Pharmacology and Clinical pharmacy:*

* *Selected Topics in Pharmacology - Fixed Drug Combinations and*
* *Selected Topics in Pharmacology - Pain Therapy*

**Projects:**

* 2024 - Participant in a research project: „Neuroprotective effects of paracetamol in perinatal asphyxia“. Financier: Ministry of Education, Science and Youth of Sarajevo Canton, B&H.
* 2023 - Participant in a research project: „Preclinical study of the protective effect of curcumin and rosuvastatin on gentamicin-induced hearing, balance and kidney damage - a new chance to reduce the number of people with disabilities”. Financier: Federal Ministry of Education and Science, B&H.
* 2023 - Participant in a research project: „A new possibility of using paracetamol: neuroprotective effects in perinatal asphyxia: yes or no”. Financier: Ministry of Education, Science and Youth of Sarajevo Canton, B&H.
* 2018 - Participant in a research project: „Study of the protective effect of curcumin, rosuvastatin and their combination in adenine-induced chronic kidney disease in Wistar rats“. Financier: Ministry of Education, Science and Youth of Sarajevo Canton, B&H.

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

* **Lagumdžija D.** Hamzić Mehmedbašić A. Jesenković Dž. A. Kudić B. Kapić D. Ćosović E. Lepara O. Pehlivanović Kelle B. Prguda-Mujić J. Kusturica J. Herenda Pušina N. Bečić F. Kulo Ćesić A. Curcumin and its combination with a reduced dose of rosuvastatin: A promising therapy for chronic kidney disease and associated dyslipidemia in rat animal model. Biomolecules & Biomedicine, **2024.**
* Pehlivanović Kelle B. Kulo Ćesić A. Čustović S., Ćosović E. **Lagumdžija D**. Jordamović N. Kusturica J. Improvement of a diet-induced model of hyperlipidemia in Wistar rats: Assessment of biohemical parameters, the thickness of the abdominal aorta and liver histology. Journal of King Saud University – Science, **2024**.
* Pehlivanović B**.** Čaklovica K. **Lagumdžija D.** Žiga Smajić N. Bečić F. *In vitro* evaluation of pleiotropic properties of rosuvastatin. International Journal of Pharmaceutical Sciences and Research*.* **2021;** 12(2): 1201-06.
* 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 International. **2020;** 32(43): 1-8.
* Žiga-Smajić N. Škrbo S. Muratović S. Pehlivanović B. **Lagumdžija D**. Omerović N. Comparison of the Effects of Allopurinol and Febuxostat on the Values of Triglycerides in Hyperuricemic Patients. MED ARCH. **2020;** 74(3): 172-176.
* Žiga-Smajić N. Škrbo S. Omerović N. Durić K. Dedić M. Trnka-Hadzifejzović 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.
* Žiga Smajić N. Ajanović M. Trumić E. Čordalija V. **Lagumdžija D.** Pehlivanović B. Hadžifejzovic Trnka A. Dedić M. Bečić F. Awarness and Lifestyles of Persons with Osteoporosis. International journal of scinece and research and methodology. **2020;** 15(3): 94-107.
* Pehlivanović B. **Fetahović D**. Aruković E. Žiga N. Bečić F. Animal models in modern biomedical science. European journal of pharmaceutical and medical research. **2019**; 6 (7): 35-38