**NAME AND SURNAME: Irma Gušić**

**Work experience:**

* 2017 - Teaching and Research assistant

Department of Pharmacognosy

**Education:**

* 2018/19 - Doctoral study „Pharmeceutical Research“

University of Sarajevo – Faculty of Pharmacy

* *2016. Master of Pharmacy (Mpharm)*

*Diploma thesis: Nanoparticulate formulations of secretoneurin for application in wound healing*

*Karl-Franzens- University of Graz, Faculty of Pharmacy*

**Study abroad:**

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**Academic/teaching work:**

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

*Obligatory subjects:*

*Pharmacognosy and chemistry of drugs I;*

 *Pharmacognosy and chemistry of drugs II;*

*and associated elective subjects at Department of Pharmacognosy:*

 *Phytotherapy;*

 *Isolation of Natural Medicinal Substances.*

**Other academic positions and involments:**

* 2018 – Participant in the realization of the Post-Graduate Program of Non-Cyclical Education „School of Applied Phytotherapy“ at the Faculty of Pharmacy, University of Sarajevo.
* 2018 – Syndicate secretary at Faculty of Pharmacy, University of Sarajevo

**Projects:**

* 2019 - Participant in the realization of a scientific research project within the framework of bilateral cooperation between the Republic of Slovenia and Bosnia and Herzegovina: „Effectiveness of plant extracts as antimicrobial agents on bacterial biofilm in the food industry“. Financier: Federal Ministry of Education and Science, B&H.
* 2018 - Participant in a research project of particular interest to Sarajevo Canton: „Phytochemical analysis of the presence of triterpene saponins in plant species of the Lamiaceae family in the Sarajevo Canton and the possibility of their use in pharmacy and medicine“. Financier: Ministry of Education, Science and Youth of Sarajevo Canton, B&H.
* 2018 - Participant in a research project of particular interest to Sarajevo Canton: „Determination of essential oil content in aromatic plants and their economic importance from the aspect of cultivation in Sarajevo Canton“. Financier: Ministry of Education, Science and Youth of Sarajevo Canton, B&H.
* 2016. Internship in department for Pharmaceutical Technology at the Karl-Franzens- University of Graz (in vivo study).
* 2016. Project work within diploma thesis: Carrying out of animals experiments in collaboration with the Divison of Plastic, Esthetic and Reconstructive Surgery at the Medical University of Graz.

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

**Original scientific articles:**

1. Jordamovic, N., Niksic, H., Muratovic, S., Gusic, I., Koric, E., Alagic, L., Pasic, M., Duric, K. (2019). Phytochemical investigation and antioxidative activity of triterpenes present in plant species belonging to Lamiaceae family. Bulletin of the Chemists and Technologists of Bosnia and Herzegovina. In press.

2. Nikšić, H., Durić, K., Sijamić, I., Korić, E., Kusturica, J., Omeragić, E., Muratović, S. (2019). *In vitro* Antiproliferative activity of *Melissa officinalis* L. (Lamiaceae) leaves essential oil. Boletin latinoamericano y del caribe de plantes medicinales y aromaticas, 18 (5), 480-491.

**Articles/Abstracts published in proceeding:**

1. Korić, E., Gušić, I., Nikšić, H., Muratović, S., Durić, K. (2019). Compliance of Valeriana officinalis phytopreparations on the market of Bosnia and Herzegovina with European Medicine Agency Guidelines. E: Tomić, M., Amidžić, R. Book of Abstracts: New Trends in Pharmacy - 4th Congress of Pharmacists in Bosnia and Herzegovina with International Participation. Sarajevo, p. 200-201.
2. Gušić I., Korić E., Nikšić H., Muratović S., Durić K. (2019). Compliance of anthraquinon glycosid based products on the market of Bosnia and Herzegovina with the European Medicine Agency Guidelines. E: Tomić, M., Amidžić, R. Book of Abstracts: New Trends in Pharmacy - 4th Congress of Pharmacists in Bosnia and Herzegovina with International Participation. Sarajevo, p. 202-203.
3. Durić K., Nikšić H., Gušić I., Korić E., Muratović S., Pauli G.F. (2019). Qualitative and quantitative determination of ligustilide as a bioactive marker in Apiaceaous botanicals. E: Tomić, M., Amidžić, R. Book of Abstracts: New Trends in Pharmacy - 4th Congress of Pharmacists in Bosnia and Herzegovina with International Participation. Sarajevo, p. 210-211.
4. Jordamović N., Nikšić H., Gušić I., Korić E., Durić K. (2019). Qualitative and quantitative analysis of triterpenes in plant species from Lamiaceae family. U: Tomić, M., Amidžić, R. Book of Abstracts: New Trends in Pharmacy - 4th Congress of Pharmacists in Bosnia and Herzegovina with International Participation. Sarajevo, p. 216-217.
5. Nikšić, H., Durić, K., Sijamić, I., Korić, E., Muratović, S., Bečić, F. (2019). Antioxidant activity of essential oils in plant species of the Lamiaceae family. E: Aščerić, M., Cipurković, A. Proceedings of Pharmaceutical Symposium in Canton Tuzla: Sixth Symposium: "Antioxidants, Significance and Usage". Tuzla: Chamber of Pharmacists of Canton Tuzla, p. 7-15.
6. Ibrulj, A., Duric, K., Niksic, H., Sijamic, I., Koric, E. (2019). Stability study and antioxidative capacity of essential oils of the Lamiaceae species. Abstracts: New horizons for pharmacy – Navigating winds of change: 2019 FIP Congress in AbuDhabi (United Arab Emirates).

 7. Nikšić H., Kadić L., Durić K., Sijamić I., Jordamović N. (2018). Phytochemical analysis and flavonoid content determination in *Allium ursinum* L., Alliaceae. E: Primorac, M. Archives of Pharmacy: special issue: Creating the future of pharmacy together: VII Serbian Congress of Pharmacy with international participation. Belgrade: Pharmaceutical associations of Serbia, p. 692-693.

8. Durić, K., Guta–Mujezinović, M., Nikšić, H., Sijamić, I., Muratović, S. (2018). Quality testing of herbal drugs included in the composition of monocomponent teas. E: Primorac, M. Archives of Pharmacy: special issue: Creating the future of pharmacy together: VII Serbian Congress of Pharmacy with international participation. Belgrade: Pharmaceutical associations of Serbia, p. 694-695.

9. Jordamović, N., Nikšić, H., Sijamić, I., Durić, K. (2018). Phytochemical investigation of triterpene saponins with potential pharmacological activity in plant species belonging to Lamiaceae family. E: Primorac, M. Archives of Pharmacy: special issue: Creating the future of pharmacy together: VII Serbian Congress of Pharmacy with international participation. Belgrade: Pharmaceutical associations of Serbija, p. 696 – 697.

10. Pezo, I., Nikšić, H., Sijamić, I., Jordamović, N., Durić, K. (2018). The Influence of Different Extraction Methods and Operating Conditions on Antioxidative Activity of Extract from the Rosmarinus officinalis L. E: Korać, F. Book of Abstracts : Special Issue of Bulletin of the Chemists and Technologists of Bosnia and Herzegovina: 3rd International Congress of Chemists and chemical Engineers of B&H. Sarajevo: Society of Chemists and Technologists of Canton Sarajevo, Faculty of Science, University of Sarajevo, str.76.