**NAME AND SURNAME:** Emina Korić

**Work experience:**

* 2022 – PRESENT Senior Assistant in the courses "Pharmacognosy and Drug Chemistry I" and "Pharmacognosy and Drug Chemistry II" at the University of Sarajevo - Faculty of Pharmacy; Department of Pharmacognosy
* 2018 - Teaching and Research assistant in the courses "Pharmacognosy and Drug Chemistry I" and "Pharmacognosy and Drug Chemistry II" at the University of Sarajevo - Faculty of Pharmacy; Department of Pharmacognosy

**Education:**

* 2022 – PRESENT Specialist internship – Phytopharmacy, Federal Ministry of Health, Bosnia and Herzegovina
* 2020. State qualifying exam for Masters of Pharmacy, Federal Ministry of Health, Bosnia and Herzegovina
* 2018/19 - Doctoral study „Pharmaceutical Research“, University of Sarajevo, Faculty of Pharmacy
* 2018. *Master of Pharmacy (Mpharm)*

*Graduate thesis: Topical administration of corticosteroides*

*University of Sarajevo, Faculty of Pharmacy*

**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 Bioactive Products;

Aromatic Plants and Essential oil.

**Activities within the academic and wider community:**

1. Participation in the work of professional bodies and organizational units of the Faculty:

Member of the Organizing Committee for the celebration of the University of Sarajevo - Faculty of Pharmacy Day – 2023;

Member of the Promotion Team for Enrollment at the University of Sarajevo - Faculty of Pharmacy for the academic year 2023/2024;

Member of the Commission for Conducting Direct Public Procurement Procedures;

Member of the Commission for the Conduct of Public Procurement Procedures through a Competitive Request for Submission of Bids and Open Procedure;

Member of the Commission for Scoring and Verification of Candidates for Enrolment in the First Year of Integrated Studies I and II Cycle of Studies at the University of Sarajevo – Faculty of Pharmacy.

Member of the audit team for ISO 9001 : 2015 certification in 2021;

Member of the Working Group for Education in the Field of Application of Additive Technologies in Pharmacy.

1. Supporting extracurricular academic activities of students of colleges and/or universities

Participant in the organization of the Introductory Symposium within the ERASMUS+ project - Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina (IQPharm), 2021.

Role in the meeting: Member of the Organizing Committee

Participant in the organization and realization of the conference: Pharmaceutical and Medical KnowledgeShowdown 2019, 2019.

Role at the conference: Member of the Scientific Committee; Member of the Organizing Committee

1. Education

● 2024 – Participant in the scientific symposium "Vaccination has no alternative".

● 2024 – Participant in the conference "Non-Animal Approaches in Biomedical Education".

● 2023 – Participant of the ERASMUS+ scholarship "Summer School in Social Research Methods - Course 'Introduction to R', Nijmegen, the Netherlands.

● 2023 - Digiedu: Trainer training' - Achieving interactivity in teaching.

● 2022 – Participant in the scientific symposium "Medical cannabis – evidence and controversy".

● 2022 – Participant of training training for work on the Silverson L5M-A mixer/homogenizer, equipment purchased as part of the Erasmus+ IQPharm project.

● 2021 - Education in the field of application of additive technologies in pharmacy - FabLab BiH.

● 2019 - Participant in the implementation of the Postgraduate Program of Non-Cyclic Education "School of Applied Phytotherapy" at the Faculty of Pharmacy, University of Sarajevo.

**Projects:**

* 2024 – PRESENT Application of green chemistry in the profiling of active metabolites with antiviral activity from *Artemisia annua* L. from Bosnia and Herzegovina. Participant in the scientific research project " – Financier: Federal Ministry of Education and Science. Project leader: Prof. Dr. Kemal Durić.
* 2021. Secondary metabolites - target molecules in identification genetic variability of plant species of the genus *Sorbus*, new taxa in the Bosnian flora; Financier: Ministry for Science, Higher Education and Youth of the Sarajevo Canton.- Participant (Project menager Prof. dr. Haris Nikšić).
* 2021. Targeting of active components and testing of knock out fractions of sweet worwood (Artemisia annua L.) with inhibitory effect on SARS replication anti-inflammatory and antifibrotic effect on COVID-19; Financier: Ministry of Science, Higher Education and Youth of the Sarajevo Canton. - Participant (Project menager: Prof.dr. Kemal Durić).
* 2021 - Participant in the project "Innovating quality assessment tools for pharmacy studies in Bosnia and Herzegovina – IQPharm" - Financier: Ministry of Science, Higher Education and Youth. Project leader: Prof. Dr. Tamer Bego

**Scientific Research Program:**

* 2022 – Recipient of funds for the Program of the competition for the co-financing of scientific research/artistic research and research and development projects and programs from the Budget of the Sarajevo Canton for 2022, Program B.3\_C-Co-financing the publication of a scientific article.

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

**Orginal scientific articles:**

1. Korić, E., Milutinović, V., Hajrudinović-Bogunić, A., Bogunić, F., Kundaković-Vasović, T., Gušić, I., Radović Selgrad, J., Durić, K., Nikšić, H. (2025). Phytochemical Characterisation of Sorbus Species: Unveiling Flavonoid Profiles Related to Ploidy and Hybrid Origin. Plants, 14(1): 119.
2. Korić, E., Gušić, I., Durić, K., Žiga-Smajić, N., Osmanović, A., Kapo, N., Nikšić, H. (2024). Anti-inflammatory potential of polyphenols: Combining in silico prediction and in vivo data. Journal of Health Sciences, 14(2): 84-91.
3. Jordamović, N., Pehlivanović, B., Nikšić, H., Gušić, I., Korić, E., Dedić, M., Tuna, B., Bečić, F., Durić, K. (2023). Anti-proliferative and anti-infammatory activity of titerpene extracts from plant species belonging to Lamiaceae family. Boletinlatinoamericano y del caribe de plantesmedicinales y aromaticas, 22(6): 864 - 878.
4. Niksic, H., Becic F., Koric E., Gusic I., Omeragic E., Muratovic S., Miladinovic B., Duric, K. (2021). Cytotoxic screening of *Thymus vulgaris* L. essential oil in brine shrimp nauplii and cancer cell lines. Scientific Reports, (13178): str. 11.
5. Duric, K., Niksic, H., Muratovic, S., Gusic, I., Koric, E. (2020). Qualitative and quantitative determination of lingustilide as bio-active marker in apiaceous botanicals. Bulletin of the Chemists and Technologists of Bosnia and Herzegovina, (55): str. 7-11.
6. Jordamovic, N., Niksic, H., Muratovic, S., Gusic, I., Koric, E., Alagic, L., Pasic, M., Duric, K. (2020). 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.
7. 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 proceedings:**

1. Korić, E., Gušić, I., Durić, K, Žiga-Smajić, N., Osmanović, A., Nikšić N. Anti–inflammatory potential polyphenols – Combining in silico and in vivo data. Abstract book Competencies of pharmacists - from drug design to successful disease treatment - 5th Congress of Pharmacists of Bosnia and Herzegovina with international participation. U: Kemal Durić, Mirjana Dermanović, Dragana Drakul, Esmeralda Dautović, Martin Kondža. 2023: 71.
2. Gušić, I., Korić, E., Nikšić, H., Durić, K. Targeted purification of chrysoplenol D from Artemisia annua by high-speed counter-current chromatography. Abstract book Competencies of Pharmacists - from drug design to successful disease treatment - 5th Congress of Pharmacists of Bosnia and Herzegovina with international participation. U: Kemal Durić, Mirjana Dermanović, Dragana Drakul, Esmeralda . Dautović, Martin Kondža. 2023: 48.
3. Bibezić, N., Nikšić, H., Gušić, I., Korić, E., Durić, K. Antimicrobial significance of the plant speci Artemisia annua L. in relation to the content of secondary metabolites. Abstract book Competencies of Pharmacists - from drug design to successful disease treatment - 5th Congress of Pharmacists of Bosnia and Herzegovina with international participation. U: Kemal Durić, Mirjana Dermanović, Dragana Drakul, Esmeralda Dautović, Martin Kondža. 2023: 126.
4. Dedić, M., Omeragić, E., Gušić, I.\*, Korić, E., Bečić, E., Durić, K., Imamović, B., Nikšić, H. Optimized and validated RP-HPLC method for the quantification of curcumin in formulations containing Curcuma longa L. Extracts. Book of Abstracts: Bulletin of the Chemists and Technologists of Bosnia and Herzegovina (Special Issue), 2022; 20.
5. Gušić, I., Korić, E., Nikšić, H., Osmanović, A., Durić, K. (2020). Safety aspects of the use of phytopreparations as dietary supplements. In: Aščerić, M. Proceedings of the Symposium of Masters of Pharmacy of Tuzla Canton: Seventh Symposium: "Auxiliary drugs and dietary supplements". Tuzla: Chamber of Masters of Pharmacy of Tuzla Canton. Tuzla: Chamber of Masters of Pharmacy of Tuzla Canton, p. 54-68.
6. 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.
7. 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.
8. 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.
9. 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.
10. Jordamović N., Nikšić H., Gušić I., Korić E., Durić K. (2019). Qualitative and quantitative analysis of triterpenes in plant species from Lamiaceae family. 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. 216-217.
11. 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).

**Books:**

1. Durić, K., Nikšić, H., Gušić, I., Korić, E. (2020) Practicum in Pharmacognosy I with theoretical foundations. Sarajevo: OR Print Studio "Student line".

2. Nikšić, H., Durić, K., Korić, E., Gušić, I. (2024) Practicum in Pharmacognosy II with theoretical foundations. Sarajevo: OR Print Studio "Student line".

**Memberships:**

• 2022 – CURRENTLY a member of the Society for Medicinal Plant and Natural Product Research