



ABAS SEZER

Date of birth: 05/09/1996

Gender: Male

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WORK EXPERIENCE

Teaching Assistant [12/2022 – current]

- Preparing and performing laboratory tutorials
- Helping professors in preparation of scientific and teaching activities
- Conducting consultations with students

International University of Sarajevo; Research and Development Center

Sarajevo, Bosnia and Herzegovina

Laboratory Technician/Student Demonstrator [08/2021 – 08/2022]

- Monitoring supplies and resources
- Maintaining lab equipment
- Organization and storage of chemicals
- Helping professors and colleagues with their work in laboratory
- Student demonstrator for Biochemistry, Organic Chemistry and Techniques in Molecular Biology

International University of Sarajevo; Research and Development Center

Sarajevo, Bosnia and Herzegovina

Intern [08/2019 – 09/2019]

Institute of Public Health of Sarajevo Canton [08/2019 – 09/2019]

Sarajevo, Bosnia and Herzegovina

EDUCATION AND TRAINING

PhD in Genetics and Bioengineering [02/2023 – current]

International University of Sarajevo

Sarajevo, Bosnia and Herzegovina

Master of Science in Genetics and Bioengineering [10/2021 – 07/2022]

International University of Sarajevo

Sarajevo, Bosnia and Herzegovina

Bachelor of Science in Genetics and Bioengineering [02/2016 – 06/2020]

International University of Sarajevo

Sarajevo, Bosnia and Herzegovina

English Language School [10/2015 – 01/2016]

International University of Sarajevo

Sarajevo, Bosnia and Herzegovina

Turkish Language Course

Yunus Emre Institute [10/2013 – 02/2014]

Sarajevo, Bosnia and Herzegovina

**LANGUAGE
SKILLS**

Bosnian

Mother tongue

Turkish

Fluent

English

Fluent

IT SKILLS | Bioinformatic tools (databases)

MS Office

PROJECTS | ***In vitro* evaluation of new therapeutics in lymphoma treatment** [09/23 – current]

Funded by the Ministry of Education, Science and Youth of Sarajevo Canton

| **Effects of metformin and novel anti-cancer agents on gene expression profiles in diffuse large B-cell lymphoma** [10/21 – 07/22]

| **Combinatorial treatment of diffuse large B-cell lymphoma with metformin and novel therapeutic candidates** [09/20 – 07/21]

**WORKSHOPS
AND WEBINARS**

| **Participant: Business Plan Workshop for Engineers (Workshop)** [30/11/23]

International University of Sarajevo; Faculty of Business and Administration

Presenters: Dr. Azra Bičo, Dr. Emil Knezović, Dr. Hamza Smajić, Dr. Šejma Aydin

- Challenges of entrepreneurship
- Techniques for improving the creative process
- The importance and role of marketing in modern business
- Techniques for market research
- Marketing strategies and program

| **Organizer: Protein Expression Analysis by Western Blot (Workshop)** [6/10/23]

International University of Sarajevo; Research and Development Center

- Hands-on technique

| **Participant: 3D cell culture – Automation and Miniaturization of Organoid Assays for Drug Screening (Webinar)** [31/05/23]

Presenter: Dr. Tijmen Booij, Group Leader, Screening and Lab Automation, NEXUS Personalized Health Technologies

- Basics to 3D cell culture automation – what to consider when scaling up assays

Participant: Streamline Your Cell Culture Workflow with Solutions from Merck (Webinar) [24/05/23]

Presenter: Dr. Igor Pongrac, Regional Marketing Manager, Merck Life Sciences

- How to choose classic and specialty reagents for cell culture
- News in sterile filtration and cell monitoring and counting
- Advantages of growing cells on membranes and in microfluidic perfusion system
- Cellular assays and solutions for better live cell imaging
- Innovative 3D cell culture approaches, including hydrogels, spheroids and organoids

- PUBLICATIONS**
1. Sezer A., Halilovic-Alihodzic M., Vanwieren A. R., Smajkan A., Karic A., Djedovic H., Sutkovic J. A review on drug repurposing in COVID-19: From antiviral drugs to herbal alternatives. *Journal of Genetic Engineering and Biotechnology*, 20, 78, May 2022
 2. Bilajac E., Mahmutovic L., Lundstrom K., Glamoclija U., Sutkovic J., Sezer A., Hromic-Jahjefendic A. Viral agents as potential drivers of diffuse large B-cell lymphoma tumorigenesis. *Viruses*, 14(10), 2105, September 2022
 3. Altijana Hromić-Jahjefendić, Abas Sezer, Alaa AA Aljabali, Ángel Serrano-Aroca, Murtaza M Tambuwala, Vladimir N Uversky, Elrashdy M Redwan, Debmalya Barh, Kenneth Lundstrom COVID-19 Vaccines and Myocarditis: An Overview of Current Evidence, *Biomedicines*, 11(5), May 2023
 4. Esmā Bilajac, Una Glamočlija, Amar Osmanović, Lejla Mahmutović, Abas Sezer, Sunčica Roca, Selma Špirtović-Halilović, Mirsada Salihović, Altijana Hromić-Jahjefendić, Elma Veljović Analysis of Antitumor Potential of Xanthene Compounds in Lymphoma Cells, *Croatica Chemica Acta* 96(1), July 2023