

Maram Ali Alhusban



CONTACTS

Maram A. Alhusban

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Al-Mafraq – Jordan

PERSONAL INFORMATION

Nationality: Jordanian

Date of birth: 29th July 1994

Married

LANGUAGES

Arabic: Native speaker

English: Fluent
(IBT: 90/100 | 2018)

COMPUTER SKILLS

Excellent Skills + ICDL
certificate

MS office programs

- Word
- Excel
- Power Point

References

Dr. Haneen A. Basheer

hbasheer@zu.edu.jo

Dr. Ahlam Z. Alkilani

ahlamk@zu.edu.jo

A highly motivated and goal-oriented individual, I possess valuable experience as a Teaching Assistant in the Pharmacology Laboratory at the Department of Clinical Pharmacy, JU Faculty of Pharmacy. I also bring my experience as a Teaching Assistant in the Analytical Chemistry Laboratory, at ZU Faculty of Pharmacy, and as a Research Assistant at ZU.

My strong personal and communication skills allow me to establish meaningful connections with teachers and students. As a constant volunteer throughout my six-year Bachelor's degree program, I have honed my academic organization skills and demonstrated a deep commitment to academic pursuits.

With a strong desire to contribute to the academic field, I am eager to join a leading academic organization. I aim to utilize my energy and expertise to maximize my potential and actively contribute to achieving remarkable success in academia.

By highlighting my academic background, outstanding interpersonal skills, and dedication to ongoing professional development, I am confident in my ability to thrive as a lecturer.

AWARDS AND INDICATIONS OF ESTEEM

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| 2023 | First prize in the Scientific Poster contest – Zu Faculty of Pharmacy 8th Scientific Day. |
| 2023 | Speaker and lecturer at the 16th Jordanian Pharmaceutical Conference " Pharmacy Profession in the Bicentennial: A Future Vision " – Landmark – Amman - Jordan |
| 2023 | Second Prize in the Oral Presentation Contest - Multidisciplinary Pharmaceutical Research - The 5th international conference of the faculty of pharmacy – Jordan University of science and technology – Irbid - Jordan |
| 2023 | First prize in the scientific presentation contest - Recent Trends in Pharmaceutical Research: the third scientific conference - Yarmouk University - Irbid- Jordan – 2023. |
| 2023 | Zarqa University grant for Patent Drug Delivery System for the treatment of Rheumatoid arthritis using a novel Dosage Form. |
| 2022 | Participant and Demonstrator in 3D Cancer Cell Culturing Workshop – University of Jordan – Amman, Jordan (specialized workshop directed at educating PhD students on the fundamentals and practical lab work associated with 3D cancer cell culturing models with Dr. Haneen Basheer) |
| 2021 | Zarqa University research grant for Msc Project on the investigation of celecoxib and metformin as a dual treatment in cancer |

ACADEMIC QUALIFICATIONS:

- | | |
|-------------|---|
| 2020-2022 | MSc Degree in Pharmaceutical Science – Excellence- “Drug Delivery System of Metformin and Celecoxib to target breast cancer utilizing 2D and 3D cancer models” |
| 2012 - 2018 | Bachelor's degree in Doctor of Pharmacy – University of Jordan |
| 2012 | General Secondary Education Examination- Excellence 96.1 (Rank: 7th on Mafraq |

Publication

- 1- Niosomal Delivery of Celecoxib and Metformin for Targeted Breast Cancer Treatment-2023
- 2- Evaluating Niosomes Cytotoxicity on Fibroblast Cells: A Preliminary Step Towards Cancer Cell Assessment with Telaglenastat as a Model-2024

Conferences Participations

The 16th Jordanian Pharmaceutical Conference "Pharmacy Profession in the Bicentennial: A Future Vision" – Landmark Hotel – Amman – Jordan 2023

Multidisciplinary Pharmaceutical Research - The 5th international conference of the faculty of pharmacy – Jordan University of science and technology – Irbid – Jordan 2023

Recent Trends in Pharmaceutical Research: the third scientific conference - Yarmouk University - Irbid- Jordan – 2023

Contributions toward excellence and creativity: The 1st scientific conference for graduates' students – Al-Zaytoonah University – Amman – Jordan 2023

Conferences Awards

Achieved First prize in the scientific presentation contest - Recent Trends in Pharmaceutical Research: the third scientific conference - Yarmouk University - Irbid- Jordan – 2023

Achieved Second Prize in the Oral Presentation Contest - Multidisciplinary Pharmaceutical Research - The 5th international conference of the Faculty of Pharmacy – Jordan University of Science and Technology – Irbid - Jordan

PREVIOUS EMPLOYMENT

Research Assistant | Faculty of Pharmacy- Zarqa University 2023

Teaching Assistant | Faculty of Pharmacy- Zarqa University – Analytical Chemistry 2022

Teaching Assistant | Faculty of Pharmacy- University of Jordan – Pharmacology –practical material 2019

Pharmacist (Clinical Pharmacist) at community Pharmacies 2018 - 2022

RESEARCH SKILLS:

Analytical:

- **HPLC:** Method validation, Instrument Handling and Analysis
- **UV analysis:** Method validation, Instrument Handling and Analysis

Pharmaceutics:

- **Nanoparticles Formation** (Niosomes, Liposomes, Transferosomes, Spanlastics)
- **Nanoparticle characterization** (Particle size, PDI, Zeta potential, Purification, Drug Entrapment, Release Profile, Release Kinetics, Permeation using Franz cells and other apparatus, FTIR)
- **Mico-needle Formation and characterization**
- **Gel Formation and characterization**
- **Cosmetics:** Formulating and designing dosage forms for skin delivery of Ascorbic acid, Thymoquinone and Boswellic acid

Cell Culture:

- Cell cultures – Basic and Advanced techniques.
- 3D Spheroid culture models to study the tumour microenvironment, drug resistance, proliferation, and penetration.
- 3D Spheroids and 2D cell lines Immunofluorescences assays
- Flow Cytometry
- Cytotoxicity, apoptosis, and cell proliferation assays.
- Microscopic handling skills.
- Migrational Cell assay: Scratch (Wound Healing) Assay and analysis using ImageJ.
- Detection of reactive oxygen species using ROS kits.
- Tyrosinase inhibitors assay kits for assessment of lightening effect of drugs.
- Glutamine-Glutamate assay.
- Manuscript review and writing.

Details: Upon Request