

# MARAH ALBURQAN

PhD candidate in Pharmacognosy  
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E-mail:

## Achievements and conferences

- Holder of Stipendium Hungaricum scholarship.
- Has been shortlisted as an early researcher in the BESTMEDGRAPE project 2021.
- Has been awarded a letter of appreciation for aiding in the process of ranking Aqaba University of Technology within the first 800-1000 universities in the Times Impact Ranking 2021 (THE) for the first time since its establishment.
- Certificate of Attendance: foundations of GMP: qualification by the United States Pharmacopeia (USP).
- Certificates in Suture and first aids by Teaching and research centre (TRC)
- Certificate in Injection skills by the international coach federation (ICF)
- Attended Seeds of peace leadership camp, Maine, The United States

## Skills:

International relationships, Online Teaching, E-learning, Analysing Information, Judgement, FDA Health Regulations, Pharmacology, Managing Processes, Legal Compliance, Productivity, Quality Focus, Verbal Communication, Attention to Detail, multitasking, dependability, detail orientation, collaboration, problem solving, time and stress management, Microsoft Office skills, mammalian cell culture, MBC/MIC and antibiofilm assays, photo-cytometry, Soxhlet and ultrasound extraction, bacterial cultures, antibiotic resistance, immunofluorescence microscopy including quantitative analysis, western blot, ELISA, qPCR, HPLC, MS.

## Education:

Sept 2022- **PhD student in Pharmacognosy**

Present At University of Szeged – Hungary  
Investigating the antimicrobial activity of plants extracts

April 2019 **Master of Science with distinction in pharmacology and drug discovery**  
At Coventry University – West Midlands, England, The United Kingdom

**Dissertation:** Investigating the antimicrobial and antibiofilm activity of African plants extracts (*Prosopis africana* and *Uvaria chamae*) against food-borne pathogens.

Level: pass with distinction.

**Units studied:** pharmaceutical discoveries, research skills and statistical analysis (SPSS), Genomes and DNA Technology, Current topics in Biotechnology, Biotechnology in Disease diagnosis and Advanced Pharmacology.

Jan 2017 **Bachelor of Pharmacy**  
At Jordan University of Science and Technology - Ramtha, Irbid Governorate

Graduated with 78.2% GPA (very good, 2:1).

Recipient of the Royal Court Scholarship.

**Units studied:** Medicinal chemistry, Pharmacology, Pharmaceutical sciences, Pathology, Human anatomy, Organic and biological chemistry and microbiology.

Aug 2012 **High school science degree**

At Latin Patriarchate High School – Al Wassieh  
Graduated with 96.2% GPA

## Professional Experience:

- Sept 2021 – Aug 2022    **Lecturer in Mpharm Strathclyde joint program**  
**Lecturer in Pharmaceutical sciences and pharmacology**  
**At Middle East University (MEU)**
- Oct 2020 to Aug 2021   **Lecturer in Pharmacy college (Full-time)**  
**A member of the international relations & Cooperation department (IRO)**  
**At Aqaba University of Technology (AUT)**
- May to Dec 2020        **Lecturer of Microbiology online course**  
**At ULebX E-learning platform.**
- Sept 2019 to Jun 2020   **Laboratory instructor at pharmacy school (Part-time)**  
**At Mutah University, AlKarak, Jordan**
- Jun 2019 to Jun 2020    **Pharmaceutical sciences and Microbiology Lecturer (Part-time)**  
**At Al-Balqa applied University, Karak college, Jord**
- Feb 2017 to Feb 2018   **Pharmacist**  
**At Nassar pharmacy – Al Karak - Jordan**

## Languages:

English: fluent, (7.0 in IELTS)  
German: A1 level  
Arabic: Native

**LinkedIn profile:** <https://www.linkedin.com/in/marah-burgan-115b97138>

## Publications:

Alburqan, M., Kincses, A., Paizs, M., Barta, A., Veres, K., Csámpai, A., ... Hohmann, J. (2025). Adjuvant potential of *Satureja hortensis* metabolites with antibiotics against Gram-positive and Gram-negative bacterial strains. *Pharmaceutical Biology*, 63(1), 716–729. <https://doi.org/10.1080/13880209.2025.2572669>