



التاريخ May-31-2025

## CURRICULUM VITAE

### PERSONAL INFORMATION

Faculty Member Name: Batool Mahmoud Alkhatib

Academic Rank: Assistant Professor.

College: College of Applied Medical Sciences

Department: Medical Sciences

Nationality: Jordanian

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batoolkhtib@yahoo.com

### ACADEMIC QUALIFICATIONS

- B. S in Biological Sciences. Yarmouk University. Jordan 2006-2002-2006.
- M.S. in Applied Biology. Jordan University of Science and Technology. Jordan .2011-2015  
Title: [Impact of exogenous caffeine on physiological, biochemical, and: ultrastructural characteristics in *Nicotiana tabacum* var. Turkish].
- Ph.D. in Molecular Biology program [Immunology and Virology]. New Mexico State University. USA. 2018- 2023  
Title: [Immunolocalization and Cytopathic Effect of Beet Curly Top Virus and GroEL Chaperon Protein of Endosymbionts in Vector Tissue and Hosts.

دائرة الموارد البشرية  
**Human Resources Department**

ACADEMIC EXPERIENCE

- Duration: 2015-2018
- University: Jordan University of Science and Technology.
- Academic Rank: Research Assistant
- Date the rank was granted: 2015
- The body granting the rank: Jordan University of Science and Technology
- College: Biotechnology and Genetic Engineering Department
- Country: Jordan
  
- Duration: 2015-2017
- University: Jordan University of Science and Technology
- Academic Rank: Teaching Assistant
- Date the rank was granted: 2015-2017
- The body granting the rank: Jordan University of Science and Technology
- College: Biotechnology and Genetic Engineering Department
- Country: Jordan
  
- Duration: 2018-2020
- University: New Mexico State University
- Academic Rank: Teaching Assistant
- Date the rank was granted: 2018-2020
- The body granting the rank: New Mexico State University
- College: Molecular Biology
- Country: USA
  
- Duration: 2020-2023
- University: New Mexico State University
- Academic Rank: Research Assistant
- Date the rank was granted: 2018-2020
- The body granting the rank: Jordan University of Science and Technology
- College: Molecular Biology
- Country: USA

### NON-ACADEMIC EXPERIENCE

Duration: 2008-2011

University: Jordan University of Science and Technology

Department: Faculty of Pharmacy

Country :Jordan

### CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

### CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- American Phytopathological Society (APA) 2023-present
- Microscopy Society of America (MSA). 2023- present

### HONORS AND AWARDS

- Reichert & Baldwin Molecular Biology Endowment Fund - Student Travel Award
- Grad Success Scholarship
- GA Union Contract Scholarship

### SER VICE ACTIVITIES

- Grad student's mentorship as a grad student trainer for different lab techniques and skills. [2015-2018,2021-2023]
- Volunteered at different Non for-profit organizations.

### THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

- **Alkhatib, B.M.**; Belteton, S.; Creamer, R. (2024). Immunolocalization of Beet Curly Top Virus (BCTV) and GroEL Chaperon Protein of Endosymbionts in Beet Leafhopper (*Circulifer tenellus*) Vector Tissue. *Viruses*, 16, 1571. <https://doi.org/10.3390/v16101571>

- Alkhatib, R., **Alkhatib, B.**, & Abdo, N. (2022). Impact of exogenous nicotine on the morphological, physio-biochemical, and anatomical characteristics in Capsicum annum. International journal of phytoremediation, 24(6), 666–674. <https://doi.org/10.1080/15226514.2021.1962798>
- Alkhatib, R., **Alkhatib, B.** & Abdo, N. Effect of Fe3O4 nanoparticles on seed germination in tobacco. Environ Sci Pollut Res 28, 53568–53577 (2021). <https://doi.org/10.1007/s11356-021-14541-x>
- Alkhatib, R., **Alkhatib, B.**, Abdo, N., Al-Eitan, L., & Creamer, R. (2019). Physio-biochemical and ultrastructural impact of (Fe3O4) nanoparticles on tobacco. BMC plant biology, 19(1), 253. <https://doi.org/10.1186/s12870-019-1864-1>
- Alkhatib R, **Alkhatib B**, Al-Eitan L, Abdo N. Tadros M., Bsoul E., 2018. Physio-anatomical responses of tobacco under caffeine stress. PHOTOSYNTHET 56 (4):1140-1146 (DOI: 10.1007/s11099-018-0798).
- Alkhatib R, **Alkhatib B**, AL-Quraan N, Al-Eitan L, Abdo N, Muhaidat R. 2016. Impact of exogenous caffeine on morphological, biochemical, and ultrastructural characteristics in Nicotiana tabacum var. turkish. Biologia Plantarum 60 (4): 706-714. (DIO:10.1007/s10535-016-0600-z)

#### INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- Initiated and coordinated the development of a new academic program at the university level, ensuring alignment with educational standards and strategic goals.
- Designed and structured comprehensive academic curricula in accordance with national quality assurance standards and program accreditation requirements.
- Managed the qualification alignment process within the National Qualifications Framework, ensuring that learning outcomes matched the required competency levels.
- Prepared and submitted program accreditation documentation to relevant educational authorities.
- Complete various workshops held at Amman Arab University in E-learning and asynchronous learning 2024-2025

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**Research Link (Google Scholar و Scopus)**

- <https://scholar.google.com/citations?user=Zgbn8oEAAAAJ&hl=en>
- <https://orcid.org/my-orcid?orcid=0009-0005-3741-931X>

**Languages**

- **Arabic:** Proficient (C2)
- **English:** Upper Intermediate (B2)