

## CURRICULUM VITAE

### Mohammad Khaled Mohammad Abu Sini

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#### 1. Personal Data

Date of Birth: 16<sup>th</sup> of December. 1981  
Nationality: Jordanian

#### 2. Education

- Ph.D. (Biological Sciences/Microbiology) 2014, The University of Jordan, Amman, Jordan
- M.Sc. (Biological Sciences/Mycology) 2006, The Hashemite University, Zarqa, Jordan
- B.Sc. (Biological Sciences) 2003, The Hashemite University, Zarqa, Jordan

#### 3. Ph.D. Dissertation

*In-Vitro and In-Vivo Evaluation of Synthetic Triazoloquinolone Derivatives against Helicobacter pylori, The University of Jordan, Amman, Jordan.*

#### 4. Employment

##### Academic Positions

- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan  
February 1, 2014 – now
- Instructor, Ministry of Education, Ajloun & Amman, Jordan  
2005-2014



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- Graduate Assistant, Department of Biology and Biotechnology, The Hashemite University, Zarqa, 2003-2005

#### Administrative Positions

- Not Applicable

#### 5. Research Interests

- Isolation, identification and characterization of *H. pylori* from patients with gastrointestinal abnormalities.
- Antimicrobial activity of natural product and new synthetic compounds especially against *H. pylori*.
- Establishment of an *in vivo* system for *H. pylori* infection.

#### 6. Membership in Scientific Societies and Associations

- Not Applicable

#### 7. Honors and Awards

- Honored for participation in receiving the Faculty of Pharmacy the first Quality Assurance Certificate from Accreditation and Quality Assurance Commission for Higher Education Institutions in Jordan, 2017.

#### 8. Fellowships and Scholarships

- Not Applicable

#### 9. Teaching Experience

- *Graduate Courses*

- Not Applicable

- *Undergraduate Courses*

1. Pharmaceutical Microbiology 1
2. Pharmaceutical Microbiology 2
3. Pharmaceutical Microbiology Laboratory
4. Microbiology for Nurses
5. Immunology
6. Biology
7. Biology Laboratory
8. Physiology 1
9. Physiology for Nurses



## 10. Supervision of Graduate Research

- Master Students
- 1. Rafeef Maharmeh: Evaluation of compounding practices that increases the risk of microbial spoilage of pharmaceutical products in Jordanian community pharmacies.

## 11. Grants

- *Isolation, identification and characterization of soil bacteria from Jordan and evaluation of their antimicrobial activity*, 2019, Al-Zaytoonah University of Jordan.
- *Synthesis and Characterization of Biodegradable Polyesters Derived from Bio-based Products*, 2015, Al-Zaytoonah University of Jordan.

## 12. Patents

- Not Applicable.

## 13. Membership of Committees

- **National and International**
  - Not Applicable
- **University**
  - *The Committee for Quality Assurance, a Faculty committee (member).*
  - *The ACPE Committee, a Faculty committee (member).*
  - *The Committee for Cultural, Social and Sport activities, a Faculty committee (member).*
  - *The Committee for Curriculum and Educational Resources, a Faculty committee (member).*
  - *The Committee for Computing and E-learning, a Faculty committee (member).*
  - *The committee for Examinations and Evaluations, a Faculty committee (member).*

## 14. Professional and Scientific Meetings

### *Scientific Meetings Organized*

- Not Applicable

### *Participation in Scientific meetings*

- *Al-Zaytoonah University of Jordan and the University of Toledo, The 7<sup>th</sup> international pharmaceutical conference (ZTIPC 2019). ". Amman 06-09 Nov 2019.*



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- Al-Zaytoonah University of Jordan and the University of Toledo, The 6<sup>th</sup> international pharmaceutical conference (ZTIPC 2017). "New horizons in pharmaceutical research". Amman 29-30 Nov 2017.
- ASU-Pharmacy Fourth Conference. "Recent Trends in Postgraduate Research". Amman, 15-16th April 2017.
- Al-Zaytoonah University of Jordan and the University of Toledo International Pharmaceutical Conference (ZTIPC 2015). "Frontiers in the pharmaceutical sciences and pharmacy practice: A global perspective". Amman, 21-23th October 2015.
- ASU-Pharmacy First National Conference. "Recent Trends in Postgraduate Research". Amman, 20-21th December 2014.
- The 15<sup>th</sup> Scientific Congress of the Association of the Pharmacy Colleges in the Arab World & The 3<sup>rd</sup> International Conference of the Faculty of Pharmacy / The University of Jordan. "RECENT TRENDS AND ADVANCES IN PHARMACY". Amman, 9-11th October 2012.

#### **15. Participation in or organization of curricular and/or extra-curricular activities**

- Not Applicable

#### **16. Publications**

Provide numbered lists of:

- Papers in refereed journals
  1. Ihsan Shabeeb, Luay Issa, Majed Shtaiwi, Eveen Al-Shalabi\*, Eyad Younes, Rouzi Okasha and **Mohammad Abu Sini**, "New Hydrazide-Hydrazone Derivatives of Quinoline 3-Carboxylic Acid Hydrazide: Synthesis, Theoretical Modeling and Antibacterial Evaluation", Letters in Organic Chemistry, (2019) 16: 430. DOI: <https://doi.org/10.2174/1570178616666181227122326>.
  2. **Abu-Sini M**, Mayyas A, Al-Karablieh N, Darwish R, Al-Hiari Y, Aburjai T, Arabiyat S, Abu-Qatouseh L. *Synthesis of 1,2,3-Triazolo[4,5-h]quinolone Derivatives with Novel Anti-Microbial Properties against Metronidazole Resistant Helicobacter pylori*. Molecules. 22(5), (2017), 841. DOI: [10.3390/molecules22050841](https://doi.org/10.3390/molecules22050841).
  3. Abu-Qatouseh L, **Abu-Sini M**, Mayyas A, Al-Hiari Y, Darwish R, Aburjai T. *Synthesis of New Nitrofluoroquinolone Derivatives with Novel Anti-Microbial Properties against Metronidazole Resistant H. pylori*. Molecules. 22(1), (2017), 71. DOI: [10.3390/molecules22010071](https://doi.org/10.3390/molecules22010071).
  4. Abu-Qatouseh, L., **Abu-Sini, M.**, Amal Mayyas, A., Darwish, R., Aburjai, T., Qusai abdo, Q., & Sabri, I. *Molecular characterization and antibiotic susceptibility profiles of Helicobacter pylori isolated from patients with Gastrodeudenal diseases in Jordan*. The International Arabic Journal of Antimicrobial Agents, 6(3), (2017), DOI: <http://dx.doi.org/10.3823/794>.



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5. **Abu Sini, M.K.**, Abu-Elteen, K.H., Elkarmi, A.Z., Hamad, M.A. and Khuzai, R.F. *Influence of Various Ultraviolet Light Intensities on Pathogenic Determinants of Candida albicans*. *Biotechnology*, 6(2), (2007), 210-217. DOI: [10.3923/biotech.2007.210.217](https://doi.org/10.3923/biotech.2007.210.217).

- Books and Book Chapters
  - Not Applicable
- Conference Presentations
  - Not Applicable
- Reports
  - Not Applicable