

CURRICULUM VITAE

Mohammad Khaled Mohammad Abu Sini

*Faculty of Pharmacy/Department of Pharmacy,
Al-Zaytoonah University of Jordan, Amman, Jordan*

Phone: 00962-6-4291511 Ex. 454

Fax: 00962-6-4291432

E-mail: mohammad.abusini@zuj.edu.jo

Homepage: <https://www.zuj.edu.jo/faculty-of-pharmacy-1/>



1. Personal Data

Date of Birth: 16th 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



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- 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 University Council (member).*
 - *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 7th international pharmaceutical conference (ZTIPC 2019). ". Amman 06-09 Nov 2019.*



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- *Al-Zaytoonah University of Jordan and the University of Toledo, The 6th 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 15th Scientific Congress of the Association of the Pharmacy Colleges in the Arab World & The 3rd 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. Mahmoud, I.S.; Altaif, K.I.; **Sini, M.K.A.**; Daoud, S.; Aqel, N.N. *Determination of antimicrobial drug resistance among bacterial isolates in two hospitals of Baghdad*. Jordan Journal of Pharmaceutical Sciences, 13(1), (2020), 1–9.
 2. Ihsan Shabeeb, Luay Issa, Majed Shtaiwi, Even 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, 16., (2019) 430-436. DOI: <https://doi.org/10.2174/1570178616666181227122326>.
 3. **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).
 4. 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).
 5. Abu-Qatouseh, L., **Abu-Sini, M.**, Amal Mayyas, A., Darwish, R., Aburjai, T., Qusai abdoh, Q., & Sabri, I. *Molecular characterization and*



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

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>.

6. **Abu Sini, M.K.**, Abu-Elteen, K.H., Elkarmi, A.Z., Hamad, M.A. and Khuzaie, 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](http://dx.doi.org/10.3923/biotech.2007.210.217).*

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