

CURRICULUM VITAE

Osama Haitham Osama Abusara

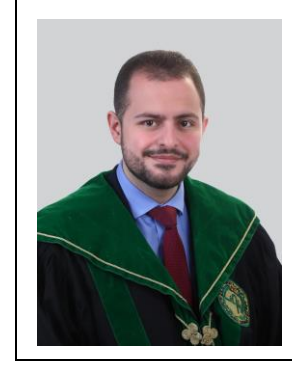
*Department of Pharmacy / Faculty of Pharmacy,
Al-Zaytoonah University of Jordan, Amman, Jordan*

Phone: +962 6 4291511 ext.: 197

Fax: +962 6 4291432

E-mail: o.abusara@zuj.edu.jo

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



1. Personal Data

Date of Birth: October 20, 1991
Nationality: Jordanian

2. Education

- Ph.D. (Pharmacy and Pharmaceutical Sciences) 2017, The University of Manchester, Manchester, United Kingdom
- B.Sc. (Pharmacy) 2014, The University of Jordan, Amman, Jordan
- High School 2009, The Modern American School, Amman, Jordan

3. Ph.D. Dissertation

Neuropeptide Antagonists for Cancer Treatment, The University of Manchester, Manchester, United Kingdom.

4. Employment

Academic Positions

- Assistant Professor-B of Pharmacology, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan
September 05, 2017 – present



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Administrative Positions

- Head of Pharmacy Department, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan
October 01, 2020 – September 30, 2022
- Vice Head of Pharmacy Department, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan
October 01, 2019 – September 30, 2020

Other

- Staff Pharmacist, Aster Orange Pharmacy, Amman, Jordan
July 15, 2018 – April 12, 2019

5. Research Interests

- Peptide Synthesis
- Pharmacology
- Clinical Pharmacology
- Clinical Pharmacy
- Experimental Therapeutics
- Medicinal Chemistry
- Drug Discovery

6. Membership in Scientific Societies and Associations

- Jordan Pharmacists Association / February 05, 2014

7. Honors and Awards

- "Edexcel Top Achievers' Certificate" from Edexcel International, United Kingdom for outstanding results in Arabic, Chemistry, Maths, and Physics during the General Certificate of Education (GCE) A Level May/June 2009 examination series, 2010

8. Fellowships and Scholarships

- PhD Scholarship from Al-Zaytoonah University of Jordan (October, 2014 – September, 2017).

9. Teaching Experience

- **Graduate Courses**
 - 1) Advanced Pharmacology for Nurses



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- **Undergraduate Courses**
 - 1) Pharmacology (2)
 - 2) Pharmacology (3) Pharmacology Laboratory
 - 3) Pharmacology for Nurses
 - 4) Pharmaceutical Communication Skills
 - 5) Clinical Pharmacy Laboratory (1) Clinical Cases
 - 6) Professional Pharmacy Practice (2)
 - 7) Legislations and Pharmaceutical Ethics
 - 8) Pharmaceutical Field Training

10. **Supervision of Graduate Research**

- 1) Rasha Al-Dibas (M.Sc), Co-Supervisor. Comparison between the inflammation status of several organs after whole body exposure with waterpipe and cigarettes smoke: In vivo study on rats, 2021/2022 and 2022/2023. Faculty of Pharmacy, Al-Zaytoonah University of Jordan.

11. **Grants**

- 1) First Research Associate – Grant No. (14/8/2021-2022), “Identifying Synergistic Combinations of Chemotherapy-Loaded Polyquercetin Nanoparticles and Natural Products to Optimize Anticancer Nanomedicines”, Deanship of Scientific Research and Innovation, Al-Zaytoonah University of Jordan, Amman, Jordan
- 2) Principal Investigator – Grant No. (32/11/2020-2021), “The Investigation of Cytotoxicity of a Short Peptide, When Isomerism of Amino Acids is Employed, on Small Cell Lung Cancer Cell Lines”, Deanship of Scientific Research and Innovation, Al-Zaytoonah University of Jordan, Amman, Jordan

12. **Patents**

Not Applicable

13. **Membership of Committees**

- **National and International**
 - Not Applicable
- **University**
 - 1) Master Thesis Defense Committee – Saif Barbouk (M.Sc.) – “Predictors of Response and Secondary Failure to Albiglutide Therapy in Type 2 Diabetic Patients” – Faculty of Pharmacy, 2021/2022
 - 2) Computing and E-Learning Committee (a faculty committee)
 - 3) Curricular Equivalence, Academic Advisement, Training, and Alumni Follow-Up Committee (a department committee)



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- 4) Cultural, Social, and Sports Activities - Safety, Environment and Community Services Committee (a department committee)
- 5) Curriculum and Learning Resources Committee (a department committee)
- 6) ACPE Self-Assessment Report Steering Sub-Committee (a faculty committee)
- 7) Quality Assurance Committee (a faculty committee)
- 8) Graduate Studies Committee / Domain: Faculty (a faculty committee)
- 9) Graduate Studies Committee / Domain: Department (a department committee)

14. Professional and Scientific Meetings

Scientific Meetings Organized

Not Applicable

Participation in Scientific meetings

Not Applicable

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

Not Applicable

16. Publications

- Papers in refereed journals
- 1) Rania Hamed, Amani D. Abu Kwiak, Yasmeen Al-Adhami, Alaa M. Hammad, Rana Obaidat, **Osama H. Abusara**, Rana Abu Huwajj; *Microemulsions as Lipid Nanosystems Loaded into Thermoresponsive In Situ Microgels for Local Ocular Delivery of Prednisolone*. *Pharmaceutics* 2022, 14(9), 1975
 - 2) Al-Qerem W, Al Bawab AQ, **Abusara O**, Alkhatib N, Horne R (2022) *Validation of the Arabic version of medication adherence report scale questionnaire and beliefs about medication -specific questionnaire: A factor analysis study*. *PLoS ONE* 17(4): e0266606
 - 3) Abdel Qader Al Bawab, Walid Al-Qerem, **Osama Abusara**, Nimer Alkhatib, Maha Mansour and Robert Horne; *What Are the Factors Associated with Nonadherence to Medications in Patients with Chronic Diseases?*, *Healthcare*, 2021, 9, 1237
 - 4) Balqis Ikhmais; Alaa M. Hammad; Walid Al-Qerem; **Osama H. Abusara**; Jonathan Ling; *Conducting COVID-19-Related Research in Jordan: Are We Ready?*, *Disaster Med Public Health Prep.*, 2020 Nov 5;1-8.



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- 5) Sunoqrot, S.; Al-Shalabi, E.; Sabbah, D. A.; Al-Majawleh, M.; **Abusara, O. H.**; *Remote Teaching and Learning in a Pandemic: Reflections from Chemistry Instructors at a Pharmacy School in Jordan*, Journal of Chemical Education, 97, 9, 2020, 3129-3134.
- 6) **Haitham Abusara, O.**; Freeman, S.; Aojula, H. S.; *Pentapeptides for the treatment of small cell lung cancer: Optimisation by N^{ind}-alkyl modification of the tryptophan side chain*, European Journal of Medicinal Chemistry, 137, 2017, 221-232.
- 7) Offerman, S. C.; Kadirvel, M.; **Abusara, O. H.**; Bryant, J. L.; Telfer, B. A.; Brown, G.; Freeman, S.; White, A.; Williams, K. J.; Aojula, H. S.; *N-tert-Prenylation of the indole ring improves the cytotoxicity of a short antagonist G analogue against small cell lung cancer*, MedChemComm, 8, 2017, 551-558.

- Books and Book Chapters

Not Applicable

- Conference Presentations

Not Applicable

- Reports

Not Applicable