



## CURRICULUM VITAE

### Full name

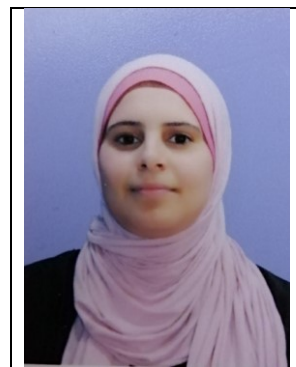
**Rawan Aref Huwaitat**

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### 1. Personal Data

Date of Birth: 6<sup>th</sup> of May 1982

Nationality: Jordan

### 2. Education

- Ph.D. (Pharmaceutical Microbiology) 2019, Queen's University Belfast, Belfast, Northern Ireland, UK
- M.Sc. (Pharmaceutical Sciences) 2013, Al-Zaytoonah University of Jordan, Amman, Jordan
- B.Sc. (Pharmacy) 2005, An-Najah National University, Nablus, Palestine

### 3. Ph.D. Dissertation

*Polymyxin-Mimetic Peptides for Improved Antimicrobial Activity, Queen's University Belfast, Belfast, Northern Ireland, UK*



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#### 4. Employment

##### Academic Positions

- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan  
March, 23<sup>rd</sup>, 2019 - now

##### Administrative Positions

- NA

#### 5. Research Interests

- Development of antimicrobial compounds for biomedical applications based on peptides.
- Development of novel approaches for biofilm control in chronic infections (ultrashort antimicrobial peptides and bio-discovery from plant and marine extracts).
- Biomaterial and drug delivery.

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

NA

#### 7. Honors and Awards

NA

#### 8. Fellowships and Scholarships

PhD Scholarship from Al-Zaytoonah University of Jordan (2015 – 2019).

#### 9. Teaching Experience

- *Graduate Courses*

NA



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- ***Undergraduate Courses***

Pharmaceutical Microbiology I  
 Pharmaceutical Microbiology II  
 Pharmaceutical Microbiology- Practical Course  
 Pharmaceutics III  
 Medicinal Chemistry- Practical course  
 Pharmaceutical Communication Skills

**10. Supervision of Graduate Research**

NA

**11. Grants**

NA

**12. Patents**

NA

**13. Membership of Committees**

- **University**
  - *Scientific Research Committee*
  - *Social ,Cultural and Sport activities Committee*

**14. Professional and Scientific Meetings**

***Scientific Meetings Organized***

- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2019), Amman, Jordan, 6-7<sup>th</sup> of November, 2019.
- QUB Global Health Symposium, 27<sup>th</sup> April, 2017. Belfast, United Kingdom
- APS Stimulating Antimicrobial Innovation, 22<sup>nd</sup> October, 2015. London, United Kingdom.
- Al-Zaytoonah University of Jordan & The University of Toledo International Pharmaceutical Conference (ZTIPC 2013), Amman, Jordan, November, 2013.

***Participation in Scientific meetings***



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- Poster- Jordanian reception, 3<sup>rd</sup> March, 2016. Belfast, United Kingdom Polymyxin-mimetic Peptides Targeting Gram-negative Bacteria. Rawan Huwaitat, Brendan Gilmore, Garry Laverty. School of Pharmacy, Queen's University Belfast.

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

- The fourth Alumni reunion held in Al-Zaytoonah University of Jordan campus, April 2019.

### **16. Publications**

Provide numbered lists of:

- **Huwaitat, R.**, Coulter, S. M., Porter, S. L., Pentlavalli, S., & Laverty, G. *Antibacterial and antibiofilm efficacy of synthetic polymyxin-mimetic lipopeptides*. Peptide Science, 2020, e24188.
- Hamadneh, L., Hikmat, S., Al-Samad, L. A., **Huwaitat, R.**, Dima Sabbah, D., Hamadneh, I., & Al-Dujaili A. H. *Synthesis, characterization and antimicrobial activity of novel symmetrical and unsymmetrical thiadiazol derivatives as potential carbonic anhydrase inhibitor in E. coli*, Journal of Global Pharma Technology, 11(2), 2019, 171- 180.
- Rafferty, J., Nagaraj, H., P McCloskey, A., **Huwaitat, R.**, Porter, S., Albadr, A., & Laverty, G. *Peptide therapeutics and the pharmaceutical industry: barriers encountered translating from the laboratory to patients*, Current Medicinal Chemistry, 23(37), 2016, 4231-4259.
- **Huwaitat, R.**, McCloskey, A. P., Gilmore, B. F., & Laverty, G. *Potential strategies for the eradication of multidrug-resistant Gram-negative bacterial infections*, Future Microbiology, 11(7), 2016, 955-972.
- Ghassan, F. S., Ghassan, M. A., Tariq, M., **Huwaitat, R.**, Waseem, E. H., Khalaf, R. A. Al-Hiari, Y. M., Jasim, S. H., & Hamadaneh, L. *Novel Pyrrole Derivatives as Potent lipid-Lowering Agents in Triton-WR-1339-Induced Hyperlipidemic Rats*, Latin American Journal of Pharmacy, 34(6), 2015, 1258-1264.