

## CURRICULUM VITAE

**Abdel Qader Fares Mohammad Al Bawab**

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### 1. Personal Data

Date of Birth: 17/ 06/ 1980

Nationality: Jordanian

### 2. Education

- Ph.D. Clinical Pharmacy, 2012, Queen's University Belfast, Belfast, Northern Ireland, UK
- M.Sc. Biopharmaceutics, 2006, University of New South Wales, Sydney, New South Wales, Australia
- B.Sc. Pharmacy, 2003, Al-Zaytoonah University of Jordan, Amman, Jordan

### 3. Ph.D. Dissertation

*Title of Dissertation: "Improving medicine use in children- consideration of methotrexate and spironolactone"*

Queen's University Belfast, Belfast, Northern Ireland, UK

### 4. Employment

- Al Zaytoonah University of Jordan- Jordan (2019 to date)  
Associate Professor



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Lecturing Pharmacokinetics, Clinical Pharmacy, Pharmacy Practice and Therapeutics to level 4 and 5 students, and supervising the students' hospital-based training in terms of application of clinical pharmacy

- Al Zaytoonah University of Jordan- Jordan (2017 to 2019)  
Assistant Professor  
Lecturing Pharmacokinetics, Clinical Pharmacy, Pharmacy Practice and Therapeutics to level 4 and 5 students, and supervising the students' hospital-based training in terms of application of clinical pharmacy
- Queen's University Belfast- UK (2016-2017)  
Research Fellow  
Supervising the research at PKPD lab in the School of Pharmacy, Queen's University Belfast.  
Sunnig the research work of the project "pharmacokinetics og methotrexate after microneedle delivery, Preclinical study"  
Assisting the PhD students in the research work
- Al Zaytoonah University of Jordan- Jordan (2012- 2017)  
Assistant Professor  
Lecturing Pharmacokinetics, Clinical Pharmacy, Pharmacy Practice and Therapeutics to level 4 and 5 students, and supervising the students' hospital-based training in terms of application of clinical pharmacy
- Queen's University Belfast- UK  
Tutor and trainer  
Tutoring Pharmacokinetics to B.Sc. students , and training level 5 projects students and postgraduate students on HPLC and LC/MS/MS, dealing (receiving, handling and storing tissue materials) use and other laboratory skills.
- Al Zaytoonah University of Jordan- Jordan  
Lecturer  
Lecturing Basic Pharmacokinetics to level 4 students and practically illustrating the principles of pharmacokinetics and estimating the pharmacokinetics to level 4 students

### Academic Positions

- Associate Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan  
Dates: 2019- to date
- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan  
Dates: 2012-2016



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2017-2018

- Graduate Assistant, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan  
Dates: 2007-2008

### Administrative Positions

- Chairman of Department of Pharmacy, Faculty of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan, 2017-to date
- Chairman of Department of Pharmaceutical Sciences, Faculty of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan, 2013-2016

### 5. Research Interests

- Clinical Pharmacy and Pharmacy practice
- Clinical Pharmacokinetics
- Cancer therapeutics

### 6. Membership in Scientific Societies and Associations

Jordanian Pharmaceutical Association (APA) 2003 to date

### 7. Fellowships and Scholarships

- Post doctorate Fellow, School of Pharmacy, Queen's University Belfast, Belfast, Northern Ireland, UK
- Ph.D Scholarship from Al-Zaytoonah University of Jordan, 2008- 2012

### 8. Teaching Experience

- **Graduate Courses: 2017- to date**  
Advanced Biopharmaceutics and Pharmacokinetics
- **Undergraduate Courses: 2012- to date**  
Pharmacokinetics, Clinical Pharmacy I, Clinical Pharmacy II, Pharmacy Practice I, Pharmacy Practice II

### 9. Supervision of Graduate Research

Supervised four graduate "Masters" students.

### 10. Grants

- Granting body: Arthritis Research UK.,



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Topic: Development of a new method to measure methotrexate levels in children with Juvenile Idiopathic Arthritis (JIA) and Juvenile Dermatomyositis (JDM)

Investigators: McElnay J., **Albawab A.Q.**, Hawwa A

Amount awarded: £30,000.00

- Granting body: Scientific Research Deanship, Al-Zaytoonah University of Jordan  
Topic: The effect of endogenous medicinal plants on the gene expression of CYT P450 - identification of the active moieties  
Investigators: **Albawab A.Q.**, Hamadne L., Maadani A.  
Amount awarded: JOD24,000.00
- Granting body: Scientific Research Support Fund  
Topic: chronic hypoxic MCF7 Breast Cancer Cell line: tracking the alterations on cellular metabolism level  
Investigators: **Albawab A.Q.**, Zihlif M  
Type of grant: Clinical Studies Group  
Amount awarded: JOD 28,000.00

## 11. Membership of Committees

- **National and International**
  - Member of Jordan Food and Drug Administration (JFDA) Bioequivalence committee
- **University**
  - *Head of Postgraduate Studies Committee*
  - *Head of Course plans Committee*
  - *Member of Faculty Board Committee*
  - *Member of Quality Assurance Committee*
  - *Member of University Disciplinary Committee*

## 12. Professional and Scientific Meetings

### *Scientific Meetings Organized*

- Al-Zaytoonah University of Jordan and The University of Toledo Seventh International Pharmaceutical Conference (ZTIPC), Amman, 2019
- 12th European Biosimilars Congress, Berlin, Germany, 2019
- 2nd International Conference and Exhibition on Pharmaceutical Development and Technology, Osaka, Japan, 2018
- Clinical Pharmacy Congress, London, 2017



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- Al-Zaytoonah University of Jordan and The University of Toledo sixth International Pharmaceutical Conference (ZTIPC), Amman, Jordan 2015
- Al-Zaytoonah University of Jordan and The University of Toledo fifth International Pharmaceutical Conference (ZTIPC), Amman, Jordan 2012
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#### ***Participation in Scientific meetings***

- QUB School of Pharmacy Journal Clubs, on weekly basis, 2017- 2018
- Clinical Pharmacy of Peadiatrics meeting, Belfast, UK, 2010

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

- Consultation to pharmaceutical companies and research centers

#### **14. Publications**

- Jarrar, Y., M. Zihlif, **A. Bawab**, and A. Sharab. "*Effects of Intermittent Hypoxia on Expression of Glucose Metabolism Genes in MCF7 Breast Cancer Cell line.*" Current cancer drug targets (2019).
- Jarab, Anan S., Eman Alefishat, Tareq L. Mukattash, **Abdel Qader Albawab**, Rana K. Abu-Farha, and James C. McElnay. "*Exploring variables associated with poor health-related quality of life in patients with type 2 diabetes in Jordan.*" Journal of Pharmaceutical Health Services Research 10, no. 2 (2019): 211-217.
- **Al Bawab, Abdel Qader**, Bashar A. Alkhalidi, Esra'A. Albarahmieh, Sami MA Qassim, and Mohammad AD Al-Saifi. "*Comparative Randomized, Single-Dose, Two-Way Crossover Open-Label Study to Determine the Bioequivalence of Two Formulations of Dalfampridine Tablets.*" Clinical pharmacology in drug development 8, no. 3 (2019): 355-360.
- Meng, Teng, **Abdel Qader Al Bawab**, Ahmed F. Hawwa, and James C. McElnay. "*Development and validation of an Enzyme Linked Immunosorbent Assay (ELISA) for gentamicin quantification in dried blood spot samples.*" Asian J Biomed Pharmaceut Sci 9 (2019): 10-15.
- Elhajji, Feras Darwish, Ghaith M. Al-Taani, Lana Anani, Sahar Al-Masri, Haneen Abdalaziz, H. Su'ad, **Abdel Qader Al Bawab** et al. "*Comparative point prevalence survey of antimicrobial consumption between a hospital in Northern Ireland and a hospital in Jordan.*" BMC health services research 18, no. 1 (2018): 849.
- **Al Bawab, Abdel Qader**, Fahad AlQahtani, and James McElnay. "*Health Care Apps Reported in Newspapers: Content Analysis.*" JMIR mHealth and uHealth 6, no. 10 (2018): e10237.



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- Chen, Gaoyun, Feras Jirjees Sr, **Abdel Al Bawab**, and James C. McElnay. "Quantification of amlodipine in dried blood spot samples by high performance liquid chromatography tandem mass spectrometry." *Journal of Chromatography B* 1072 (2018): 252-258.
- Jarrar, Yazun Bashir, Lama Hamadneh, Danya Iqtait, Rana Sadieh, **Abdul Qader Al-Bawab**, and Malek Zihlif. "The Cytochrome 4F2 rs2108622 Genetic Variant among Unrelated Arab Jordanian Volunteers." (2017).
- Al-Qerem, Walid A., Jonathan Ling, and **Abdul Qader AlBawab**. "Validation of the comprehensive feeding practice questionnaire among school aged children in Jordan: a factor analysis study." *International Journal of Behavioral Nutrition and Physical Activity* 14, no. 1 (2017): 23.
- Jarrar, Y. B., F. Kherfan, A. Obaid, L. Hamadneh, and **A. Q. Al-Bawab**. "The Frequency of UGT2B7\* 2 (802C> T) Allele among Healthy Unrelated Jordanian Volunteers." *J Drug Metab Toxicol* 7, no. 218 (2016): 2.
- Hawwa, Ahmed F., **AbdelQader AlBawab**, Madeleine Rooney, Lucy R. Wedderburn, Michael W. Beresford, and James C. McElnay. "Methotrexate polyglutamates as a potential marker of adherence to long-term therapy in children with juvenile idiopathic arthritis and juvenile dermatomyositis: an observational, cross-sectional study." *Arthritis research & therapy* 17, no. 1 (2015): 295.
- Hawwa, Ahmed F., **AbdelQader AlBawab**, Madeleine Rooney, Lucy R. Wedderburn, Michael W. Beresford, and James C. McElnay. "A novel dried blood spot-LCMS method for the quantification of methotrexate polyglutamates as a potential marker for methotrexate use in children." *PloS one* 9, no. 2 (2014).