

ABDEL QADER AL BAWAB, Ph.D.

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PROFILE

- I am a PhD scientist who is interested in improved medicine use via building on the medication related problems, pharmacokinetics and pharmacogenetics approaches. I'm also a pharmacist with a real-time experience in dispensing medications, and identifying medication related problems, teaching and tutoring in an interactive way to deliver my awareness to the audience (whether they are students in lectures or peers in presentations).

EDUCATION**2008-2012****Queen's University Belfast-UK**

Ph.D Clinical pharmacy

- Four years full time research work, in which I conducted a proof of concept multicenter trial in paediatrics in collaboration with Musgrave Park Hospital (Belfast), Alder Hey Children's Hospital (Liverpool) and Great Ormond Street Hospital (London). This work was collected in thesis titled "improving medicine use in children- consideration of methotrexate and spironolactone"

During my PhD research work I gained skills in:

- Preparing and setting of the paper work and applications to receive an ethical approval for clinical research work in the UK.
- Systematic approach in preparing for and applying for a research grant
- Collection, transport and storage of dried blood samples
- Biological samples handling and sample cleansing techniques
- HPLC and tandem mass spectrometry method development and validation
- Data analysis utilizing variable software, including SPSS, PRISM GraphPad and NONMEM software packages

- Intensive courses on strategies to improve my research approaches communicate with others and present in different settings.

2005-2006**University of New South Wales-Australia**

MSc Biopharmaceuticals

- one year full time course work, in addition to the research work (in the clinical pharmacology department of St Vincent's hospital) after which a thesis titled "pharmacokinetics studies of phospholipase-A₂ inhibitors: cFLSYR an c2NAP" was submitted.

During my Master's degree, I gained skills in:

- The variant HPLC systems.
- Thin layer chromatography (TLC).
- Protein extraction from variant animal tissues.
- Dealing with radioactive material and measuring radioactivity by using scintillation counter.
- Improved my presentation, writing and communication skills.

1998-2003**Al-Zytoonah University-Jordan**

BSc Pharmacy

- 5 years full time course work

SELECTED ACADEMIC COURSES

- Pharmacokinetics and pharmacogenomics
- Therapeutic drug monitoring
- Clinical pharmacy and pharmaceutical care

WORK EXPERIENCE

2003-2005	Pharma international company-Jordan
	<ul style="list-style-type: none"> • Medical representative
2007-2008	Al Zaytoonah university
	<ul style="list-style-type: none"> • Lecturer
2012- to present	Al Zaytoonah university
	<ul style="list-style-type: none"> • Assistant Professor

Training:

1999-2003

Shawkat Pharmacy-Jordan

- trainee pharmacist (1440 hrs)

2003-2005

Shawkat Pharmacy-Jordan

- Volunteer pharmacist (7-10 hours daily)

During my training at Shawkat pharmacy, I developed skills like

- General organization of the pharmacy.
- Communication skills.
- Inventory monitoring skills.
- Customer handling skills.

2006

Garvan institute for medical research (Sydney)

- Fire and emergency procedure.
- Guidelines for research practice.
- Searching through the electronic medical journals.
- Rules and ethics of writing a scientific subject.

MEMBERSHIPS

- Northern Ireland Clinical Research Network (NICRN) 2008 to present
- United Kingdom Clinical Research Network (UKCRN) 2009 to present
- Jordanian Pharmaceutical Association (APA) 2003 to present

ABSTRACTS AND POSTER PRESENTATIONS

1. The 31st All Ireland Schools of Pharmacy Research Seminar; April 2-3, 2009; QUB, Belfast, UK; Albawab A.Q., Hawwa A.,McElnay J.; Development and validation of a new SPE-HPLC method to determine methotrexate and its polyglutamates in red blood cells samples. (Poster)
2. Al-Zaytoonah University of Jordan and the University of Toledo International Pharmaceutical Conference (ZTIPC October 17-19, 2012); Al Zaytoonah University of Jordan, Amman, Jordan; Albawab A.Q., Hawwa A.,McElnay J.; Development and validation of a new SPE-LC/MS/MS method to determine methotrexate and its polyglutamates in dried blood spots samples. (presentation)

PUBLICATIONS

1. Hawwa, Ahmed; **AlBawab, AbdelQader**; Rooney, Madeleine; Wedderburn, Lucy; Beresford, Michael; McElnay, James. A novel dried blood spot-LCMS method for the quantification of methotrexate polyglutamates as a potential marker for methotrexate use in children (Submitted to the Analytical and Bioanalytical Chemistry journal on August 25th and still under review)

GRANTS

1. Granting body: Arthritis Research UK.,
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
Type of grant: Clinical Studies Group
Amount awarded: £30,000.00
Institute: Queen's University Belfast
Grant reference number: 19421

REFEREES

Available upon request