

ABDEL QADER AL BAWAB

Al Zaytoonah University of Jordan, Faculty of Pharmacy

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Email: bawab.pharma@hotmail.com

LinkedIn: Abdel Qader Al Bawab

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

Queen's University Belfast-UK

Ph.D in Clinical Pharmacy

2012

Dissertation: "improving medicine use in children- consideration of methotrexate and spironolactone"

Honors: Dissertation passed with distinction

University of New South Wales-Australia

M.Sc. in Biopharmaceuticals

2006

Thesis: "Pharmacokinetics studies of phospholipase-A₂ inhibitors: cFLSYR and c2NAP"

Al-Zytoonah University of Jordan- Jordan

B.Sc. in Pharmacy

2003

Honors: a five years course passed with very good grade

EXPERIENCE

Al Zaytoonah University of Jordan

2017 to date

Assistant Professor

Lecturing pharmacokinetics, pharmacokinetics for Master's degree and supervising Master's degrees students research projects

Queens University Belfast

2016- 2017

Research Fellow

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I was responsible for the bioanalysis of dried blood spots samples and building of pharmacokinetics models based on the blood concentration for different routes of administration of methotrexate within the project “pharmacokinetics of low dose methotrexate after microneedle application to rats skin: a preclinical trial”

Al Zaytoonah University of Jordan- Jordan

Assistant Professor

2012- 2016

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

2009-2011

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

2007-2008

Lecturing Basic Pharmacokinetics to level 4 students and practically illustrating the principles of pharmacokinetics and estimating the pharmacokinetics to level 4 students

SELECTED ACADEMIC TOPICS

Biopharmaceutics and Pharmacokinetics

Bioanalysis

Therapeutic drug monitoring

Clinical pharmacy and pharmaceutical care

RELATED (AND OTHER) WORK EXPERIENCE

Pharma international company-Jordan

2003-2005

Medical representative

RESEARCH SUPPORTIVE SKILLS

Preparing and setting of the paper work and applications to receive an ethical approval for clinical research work in the UK.

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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.

Thin layer chromatography (TLC).

Protein extraction from variant animal tissues.

Dealing with radioactive materials and measuring radioactivity by using scintillation counter.

Expert skills in the variant Microsoft software interfaces and Refworks referencing system

PUBLICATIONS AND PAPERS

Healthcare applications and the print media: a content analysis. Abdel Qader Fares Al Bawab; Fahad AlQahtani; Abdel Qader Fares Al Bawab; James C McElney BMC Public Health (under processing)

Quantification of amlodipine in dried blood spot samples by high performance liquid chromatography tandem mass spectrometry. Gaoyun Chen; James McElney; Abdel Qader Al Bawab; Feras Jirjees Sr (under processing)

The Cytochrome 4F2 rs2108622 Genetic Variant among Unrelated Arab Jordanian Volunteers (2017). Malek Zihlif Yazun Bashir Jarrar, Lama Hamadneh, Danya Iqtait, Rana Sadieh, Abdul Qader Al-Bawab. Jordan Medical Journal. 51 (2): 67-69

Validation of the comprehensive feeding practice questionnaire among school aged children in Jordan: a factor analysis study (2017). WA Al-Qerem, J Ling, AQ AlBawab. International Journal of Behavioral Nutrition and Physical Activity. 14 (1): 23

The Frequency of UGT2B7* 2 (802C> T) Allele among Healthy Unrelated Jordanian Volunteers (2016). Jarrar YB, Kherfan F, Obaid A, Hamadneh L and Al-Bawab AQ. J Drug Metab Toxicol,

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Hawwa A, AlBawab A, Rooney M, Wedderburn L, Beresford M, McElnay JC.,
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 (2015). *Arthritis
Res Ther.*, 17:295

Hawwa A, AlBawab A, Rooney M, Wedderburn L, Beresford M, McElnay JC., A
novel dried blood spot-LCMS method for the quantification of methotrexate
polyglutamates as a potential marker for methotrexate use in children
(2014). *PLOS ONE.*, 9 (2): 89908

Development and validation of a new SPE-LC/MS/MS method to determine
methotrexate and its polyglutamates in dried blood spots samples
Presentation at “Al-Zaytoonah University of Jordan and the University of
Toledo International Pharmaceutical Conference (ZTIPC)”

Development and validation of a new SPE-HPLC method to determine
methotrexate and its polyglutamates in red blood cells samples
Poster at the 31st All Ireland Schools of Pharmacy Research Seminar

[Pick the Year]

LANGUAGES

Arabic- native speaker

English - speak fluently and read/ write with high proficiency

MEMBERSHIPS

Northern Ireland Clinical Research Network (NICRN)

2008- 2012

United Kingdom Clinical Research Network (UKCRN)

2009- 2012

Jordanian Pharmaceutical Association (APA)

2003 to present

Grants

Granting body: Arthritis Research UK.,

2009

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

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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

REFERENCES

References available upon request