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Abdullah K. S. Rabba (R.Ph, M.Clin.Pharm. PhD).

Assistant professor
Department of pharmacy
Birzeit University
Ramallah, Palestine
E-mails: abdullahrabba@yahoo.com arabba@birzeit.edu

Personal Information

Nationality: Palestinian
Date of Birth: 1979-10-21
Marital status: married, 4 children.

Academic Qualifications (Education)

2007-2011: PhD, Pharmacology, School of Pharmacy , Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China.

- **Research area:** Pharmacokinetics. Drug-drug interactions.
- **Thesis:** Pharmacokinetic drug interaction studies of irinotecan and its active metabolite SN-38 with P-gp inhibitors.
- **Supervisor:** Professor Gao Li, Dean, School of Pharmacy, Tongji Medical College, Huazhong University of Science and Technology.

2003-2005: Master of Clinical Pharmacy, An-Najah National University, Nablus, Palestine.

- This program aimed to provide pharmacists with knowledge, skills and abilities to practice effectively as a clinical pharmacy practitioner involved in medications usage and pharmaceutical care.
- The program consisted of three main parts:
 - 36 credit taught courses
 - 1 year clinical clerkships in internal medicine, pediatrics, surgery, orthopedics, ICU, oncology, and obs/gyn departments.
 - Comprehensive exam. And research project.

1998-2003: B.Sc Pharmacy, Jordan University of Science and Technology, Irbid, Jordan.

Employment History

2003-2005: Community pharmacist (part time), Al-Dahrieh Pharmacy, Al-Dahrieh, Hebron, Palestine.

2006-2007: Community pharmacist and director, Abdullah Pharmacy, Al-Dahrieh, Hebron, Palestine.

2007-2011: Scholarship PhD student, School of pharmacy, Tongji Medical College, HUST, Wuhan, China.

2011-2016: Assistant professor. Department of clinical pharmacy. College of pharmacy, Prince Sattam Bin Abdulaziz University (Formerly known as: Salman Bin Abdulaziz University). Al-Kharj, Kingdom of Saudi Arabia

Current position: 2016-now: Assistant professor Department of pharmacy Birzeit University Ramallah, Palestine

Current duties and responsibilities and teaching experience (2011-now) in Prince Sattam Bin Abdulaziz University

- ✧ Teaching students by means of lectures, practicals, tutorials, discussions, seminars, demonstrations.
- ✧ Conducting, and supervising research. Has already supervised 3 graduation projects for undergraduate students
- ✧ Supervising college of pharmacy students while doing their compulsory training in hospitals.
- ✧ Maintaining personal contact with students, giving them individual guidance and academic supervision
- ✧ Participating in preparing the courses and syllabi, conducting examinations, other curricular and extracurricular activities.
- ✧ Assessing students by means of assignments and periodic tests, and maintain a regular record of their performance at such assignments and tests.
- ✧ Vice head of Pharmacy training committee
- ✧ Member of the Academic supervision committee

I am teaching the following courses since 2011:

- ✧ Biopharmaceutics and pharmacokinetics: (2016-now)
- ✧ Advanced pharmacology: (2016-now)
- ✧ Introduction to pharmacy/ pharmaceutical calculations: (2016-now)
- ✧ Introduction to drug and poison information (2011-2016)
- ✧ Pathophysiology I (2011-2016)
- ✧ Pharmacy regulations and ethics (2011-now)
- ✧ Pharmaceutical care (2011-2013)
- ✧ Pharmaceutical Marketing (2013-2014)

Professional experience

- ✧ Registered and licensed Pharmacist in Palestine since 2003.
- ✧ Member of Palestinian Pharmaceutical Association since 2003.
- ✧ Member of Saudi Pharmaceutical Society since 2012.

Training courses and workshops

Bioinformatics training course: (48) hours, from 22/2/2007 to 14/6/2007, Biotechnology training, and research unit, Palestine Polytechnic University, Hebron, Palestine.

Topics covered by this training course:

- ✓ Brief introduction to biological data acquisition.
- ✓ Biological databases.

- ✓ Information retrieval from biological databases.
- ✓ Simple sequence utilities.
- ✓ Sequence similarity.
- ✓ Database sequence similarity searching.
- ✓ Creation and analysis of multiple sequence alignments.
- ✓ Phylogenetic analysis.
- ✓ Expressed sequence tags (ESTs).
- ✓ PCR primer design.

Internal Reviewer training(workshop): from 25-26 October 2011

The National Commission for Academic Accreditation and Assessment, and British Council. Riyadh, KSA.

Programme and Course Learning Outcomes Based on NOF for Medical, Science, Eng and Humanities(workshop): 15 November 2011

The National Commission for Academic Accreditation and Assessment, and British Council. Salman Bin Abdulaziz University, Alkharj, KSA.

Academic Advising (workshop): 27 December 2011

Salman Bin Abdulaziz University, Alkharj, KSA.

Certificate of Cardiopulmonary Resuscitation (BLS Provider): 22/5/2012

Saudi Heart Association in accordance with ILCOR guidelines.

Management of e-learning using black-board system 1/1/2014, Salman Bin Abdulaziz University, KSA

Educational design of electronic courses 3/11/2014, Salman Bin Abdulaziz University, KSA

Scholarships

- ✧ Chinese Government Scholarship for PhD study at the school of pharmacy of Tongji medical college, Huazhong University of Science and Technology. (2008-2011).
- ✧ Chinese Government Scholarship for studying Chinese language at Huazhong University of Science and Technology. (2007-2008)

Research interests

At the clinical level I am interested in:

- ✧ Rational use of drugs.
- ✧ Clinical pharmacokinetics: dosage adjustments during renal and hepatic dysfunction.
- ✧ Drug-drug and drug-food interactions.
- ✧ Treatment of drug induced manifestations (e.g. those due to drug-drug interactions, adverse drug reactions, drug overdose... etc).

At the pre-clinical level I am interested in:

- ✧ In vitro, in situ, and in vivo study of p-glycoprotein efflux of drugs.
- ✧ P-glycoprotein mediated drug interactions.
- ✧ Drug-drug and excipients-drug interactions mediated by p-glycoprotein and CYP3A4.
- ✧ HPLC method development and validation.

Computer skills

- ✧ Word, Excel, Power point, etc.
- ✧ Statistical software: SPSS

✧ Pharmacokinetic software: DAS 2.0, Kinetica 5.0, PKsolver

Technical skills

- ✧ Good experience in handling lab animals (e.g. rats).
- ✧ Good experience in pharmaceutical analysis techniques like HPLC (method development and validation).
- ✧ In vitro study of intestinal absorption of drugs using the (everted gut sacs) model.
- ✧ In situ model of intestinal absorption of drugs using the (rat intestinal perfusion model).
- ✧ In vivo pharmacokinetic studies (study design and data analysis).

Languages

- ✧ **Arabic:** Native language.
- ✧ **English:** Excellent level, computer based TOEFL score of 217 (equivalent to 553 of the paper based test) (2005)
- ✧ **Chinese (mandarin):** Fluent

Publications

[1] **Rabba, Abdullah K.**, and R. Mohammad. "Pharmacovigilance Study: Exploring the Role of Community Pharmacists in Adverse Drug Reactions Reporting in Alkharj City, Saudi Arabia." *Lat. Am. J. Pharm* 34.5 (2015): 901-6.

[2] Ali, B. E., **Rabba, A. K.**, Fayed, M. H., El-Say, K. M., Anwer, M. K., Ansari, M. J., ... & Gabr, G. A. (2016). Development and optimization of fluoxetine orally disintegrating tablets using Box-Behnken design. *Tropical Journal of Pharmaceutical Research*, 15(4), 667-677.

[3] DI-039 Drug adherence in patients with type 2 diabetes mellitus
K Alkharfy, **A Rabba**, W Aljiris, N Ahmed
European Journal of Hospital Pharmacy 23 (Suppl 1), A135-A135
2016

[4] **Abdullah K. Rabba**, Luqin Si, Kewen Xue, Ming Li, Gao Li. In Situ Intestinal Perfusion of Irinotecan: Application to P-gp Mediated Drug Interaction and Introduction of an Improved HPLC Assay, *Journal of pharmacy & pharmaceutical sciences* : a publication of the Canadian Society for Pharmaceutical Sciences, 14 (2): 138-147, **2011**.

[5] Li M, Si L, Pan H, **Abdullah K. Rabba**, Yan F, Qiu J, Li G. Excipients enhance intestinal absorption of ganciclovir by P-gp inhibition: assessed in vitro by everted gut sac and *in situ* by improved intestinal perfusion. *Int J Pharm*, **2011** Jan 17; 403(1-2):37-45.

[6] Waleed M. Sweileh, Ansam F. Sawalha, Rami M. AL-Haj Abed, **Abdullah K. Rabba**. Utilization of Anti-infective Agents Measured in "Defined Daily Dose"

(DDD): A Study in Palestine, The Islamic University Journal (Series of Natural Studies and Engineering)
Vol.15, No. 2, pp 59-66, **2007**, ISSN 1726-6807.

Referees

Professor Gao Li (PhD supervisor)
School of Pharmacy, Tongji Medical College
Huazhong University of Science and Technology
13 Hangkong Road Wuhan, Hubei Province, 430030
P.R. China
E-mail: ligaotj@163.com
Tel.: +86 27 83657550
Fax: +86 27 83692892

Waleed M. Sweileh, PhD
Professor, Clinical Pharmacology & Pharmacy
College of Pharmacy
An-Najah National University.
Nablus, Palestine.
waleedsweileh@najah.edu
Tel.: (Office):00-972-9-2940475
Mobile: 00-972-599-225906