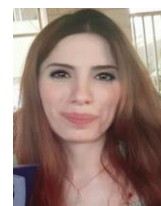


Home address: Al-Koroum Alley St., House no. 9
Amman 11821 Jordan
Mobile: +962798022792
Website: https://scholar.google.com/citations?user=Tw_9Pv8AAAAJ&hl=en&authuser=1
Email: amalakour@gmail.com; a.akour@ju.edu.jo



AMAL AKOUR

EDUCATION

Virginia Commonwealth University (August 2008- December 2012)

Richmond, VA

PhD in Pharmacotherapy

Pharmacotherapy and Outcomes Science. PhD Program In Clinical therapeutics. Focus: Transport of drugs across placenta, specifically Aminoglycosides transport.

The University of Jordan (September 2002- May 2007)

BsC. Pharmacy

LABORATORY SKILLS

Virginia Commonwealth University (August 2009-October 2012)
Richmond, VA

Graduate student

- Adept in western blotting and Immuno-fluorescence techniques.
- Adept in Trizol® RNA isolation from tissues and cell lines and quantitative polymerase chain reactions (qPCR).
- Adept in performing uptake studies in cell lines and the subsequent analysis via radiolabeled substrates.
- Good experience in collecting human placental samples from pregnant subjects.
- Moderate experience in analyzing data in Prism®, JMP®, Scientist® and SPSS®.

EXPERIENCE

ASSOCIATE PROFESSOR, THE UNIVERSITY OF JORDAN

April 2017-Recent

-Teaching pharmacotherapy and over-the counter medications for senior pharmacy and Pharm.D. Students.

-Supervising hospital clerkships for Pharm.D. and MSc students

FULBRIGHT SCHOLAR, PAULY HEART CENTER

June 2017- December 2017

-Working on a project to assess the effect of chlorogenic acid on inflammation under the supervision of Professor Antonio Abbate and Stefano Toldo.

ASSISTANT DEAN FOR HOSPITAL TRAINING AND PHARM D PROGRAM

September 2015-June 2017

-Coordinating hospital training of the year pharmD students at multiple sites in Amman, Jordan: The University of Jordan Hospital, Royal Medical Service and Prince Hamza Hospital

ASSISTANT PROFESSOR, THE UNIVERSITY OF JORDAN

January 2013-Recent

-Teaching pharmacotherapy and over-the counter medications for senior pharmacy and Pharm.D. Students.

-Supervising Oncology Clerkship for Pharm.D. Students

TEACHING ASSISTANT, VIRGINIA COMMONWEALTH UNIVERSITY

August 2011-December 2011

Lecture: Allergic drug reactions: “emphasis on antibiotics”

Teaching P3 students concepts in allergic drug reactions as opposed to adverse drug reactions

TEACHING ASSISTANT, THE UNIVERSITY OF JORDAN

July 2008-July 2009

- Handled pharmacology and therapeutics laboratory sections, explained related theory, composed and administered exams and graded all students’ work.
- Handled workshops in pharmacokinetics, explained related theory, composed and administered exams and graded all students’ work.

ORGANIZATIONAL MEMBERSHIP/COMMITTEES

JFDA, AMMAN, JORDAN

Member of the Post marketing advisory committee (February 2013-November 2015)

AMERICAN COLLEGE OF CLINICAL PHARMACY, MARYLAND, USA

Member (August 2011-August 2012)

AMERICAN SOCIETY OF CLINICAL PHARMACOLOGY AND THERAPETUICS, DC, USA

Member (August 2009-December 2012)

JORDAN PHARMACEUTICAL ASSOCIATION, AMMAN, JORDAN

Member (July 2007-recent)

JORDAN NUTRITION ASSOCIATION

Member (May 2016-Recent)

AWARDS AND HONORS

-Fulbright Post-doctorate Fellowship, Richmond, VA (June 2017-December 2017)

-Academy of Medical Sciences, London, UK (April 2015):

Daniel Turnberg UK/Middle East Fellowship

-Virginia Commonwealth University, Richmond, VA (August 2012):

Dr. Yanchich's Award for distinction in research and scholarship

-Virginia Commonwealth University, Richmond, VA (August 2011):

Certificate in "Preparation of Future Faculty" awarded after completing a 4-session workshop and an internship of teaching for P3 students in the same University.

-Faculty of Pharmacy, University of Jordan, Amman, Jordan (2008-2012):

Full scholarship that includes living expense and tuition to pursue PhD in the US.

-Jordanian National Ranking, Jordan (2007):

Ranked second in the Pharmacy Qualification Exam amongst all Jordanian pharmacy students who graduated in June 2007.

-University of Jordan, Amman, Jordan (2002-2007):

Full Bachelor Degree Scholarship.

ORAL PRESENTATIONS

- Patient Counseling on Complimentary Weight Loss Products (September 2014)-
Jordanian Women health forum at Jordan Pharmacist Association- Amman-Jordan
- Allergic Drug Reactions :Update on Antibiotic-Mediated Allergy (May 2014)-
The 5th international conference of allergy and immunology-Amman-Jordan
- The Transfer of Aminoglycosides via Human Placenta (April 2014)-**The 15th Jordanian Pharmacy Convention-Amman-Jordan**
Virginia Commonwealth University, Richmond, VA:
- Assessment of Megalin Expression in Human Placental Models (Feb 2012).
- The Role of Megalin in the Transplacental Transport of Aminoglycosides (April 2011)
- Intrapartum Aminoglycosides and Neonatal Nephrotoxicity (April 2010)

- The Effect of Contemporary Oral Contraceptive Pills on Carbohydrate Metabolism in Women with Metabolic Risk Anomalies: Review of literature. (Feb 2009)

POSTER PRESENTATIONS

- **The 5th World American Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension (CODHy). Istanbul, Turkey (November 2015):**

The Evaluation Of Correlation Between Clinical Parameters And Inflammatory Markers In Metabolic Syndrome Patients In Jordan: Cross-Sectional Study

- **The first Jordanian Conference for Public Sector Pharmacists. Amman, Jordan (June 2015):**

The Influence of Patients' Knowledge on Adherence to their Chronic Medications: A Cross-sectional Study in Jordan. International Journal of Clinical Pharmacy.

- **American Society of Clinical Pharmacology and Therapeutics (ASCPT) Meeting. Dallas, Texas (March 2011):**

Evidence that megalin-mediated endocytosis is involved in the placental uptake of Aminoglycosides.

- **Virginia Commonwealth University, Richmond, VA (April 2010):**

Research and Career Day: Transplacental Transport of Aminoglycosides Across human trophoblasts.

- **Virginia Commonwealth University, Richmond, Virginia (November 2011):**

Graduate Research Symposium: Characterization of Megalin Expression in Human Term and Preterm Placenta.

- **Virginia Commonwealth University, Richmond, VA Public Health Research Forum (August 2009):**

The Effect of Moderate Physical Activity on the Prevalence of Self-reported Depression (BRFSS dataset).

COURSES

- | | |
|--|---------------------|
| • Medical Terminology | Fall 2015 |
| • Over-the-counter Medications | Spring- |
| • Seminar in Biopharmaceutics and Clinical Pharmacy | Summer-Fall |
| • Pharmacotherapy (II) | Spring 2014- |
| • Research project in and Clinical Pharmacy | Fall |
| • Pharmacotherapy (I) | Fall |

- **Pharmacology (1)** **Fall 2013-Recent**
- **Oncology clerkship** **Fall 2013-Recent**
- **Endocrinology clerkship**
Fall 2016-recent
- **General training for masters**
Spring 2016-recent
- **Advanced Pharmacotherapy for masters**
Fall 2016-recent

**SIGNIFICANT PUBLICATIONS
(ACCEPTED/PUBLISHED)**

For full list of publications please visit the following link:
https://scholar.google.com/citations?user=Tw_9Pv8AAAAJ&hl=en&authuser=1

-**Amal Akour**, Violet Kasabri, Nailya Bulatova, et al. Association of Oxytocin with Glucose Intolerance and Inflammation Biomarkers in Metabolic Syndrome Patients with and without Prediabetes. *The Review of Diabetic Studies* (2018). 14(4):364-371

-Razan Batta, Violet Kasabri, **Amal Akour**, et al. Impact of clinical pharmacists' intervention on management of hyperglycemia in pregnancy in Jordan. *Int J Clin Pharm* (2018) 40: 48.

-**Amal Akour**, Sanaa Bardaweel, Oriana Awwad, Suha Al-Muhaissen & Rand Hussein. Impact of a pharmacist-provided information booklet on knowledge and attitudes towards oral contraception among Jordanian women: an interventional study, *The European Journal of Contraception & Reproductive Health Care* (2018), 22:6, 459-464.

-**Amal Akour**: Rana Abu Farha, Eman Alefishat, Violet Kasabri, Nailya Bulatova, Randa Naffa. Insulin resistance and levels of cardiovascular biomarkers in night-shift workers. *Sleep Biol. Rhythms* (2017) 15: 283.

- **Amal Akour**. Violet Kasabri, Nailya Boulatova, Yasser Bustanji, Randa Naffa, Dana Hyasat, Nahla Khawaja, Haidar Bustanji, Ayman Zayed, Munther Momani, MD. Levels of metabolic markers in drug-naïve prediabetic and type 2 diabetic patients. *Acta Diabetologica*. 2017; 54 (2): 163–170.

- **Akour A.**, Kasabri V., Afifi F. and Boulatova N. The Use of Medicinal Herbs in Gynecological and Pregnancy-Related Disorders by Jordanian Women: A Review of Folkloric Practice vs. Evidence-Based Pharmacology. *Pharmaceutical Biology* (2016) 25:1901-19.

- Bardaweel S., **Akour A** and Kilani M. Current knowledge, attitude, and patterns of oral contraceptives utilization among women in Jordan. *BMC women's health*(2015) 15:117. DOI 10.1186/s12905-015-0275-1.

-**Akour A**, Gerck PM and Kennedy MJ, "The Role of Megalin in Aminoglycoside Transport Across the Human Placenta. *American Association of Pharmaceutical Sciences Journal*. 9/2015;17(5):1193-9.

-Awwad O, ***Akour A*** and Al-Muhaisen S. The Influence of Patients' Knowledge on Adherence to their Chronic Medications: A Cross-sectional Study in Jordan. International Journal of Clinical Pharmacy. 02/2015; 37(3).

-***Akour A***, Gerk PM and Kennedy MJ. Megalin expression in human term and preterm placental villous tissues: Effect of gestational age and sample processing and storage time. Journal of Pharmacological and Toxicological Methods. 10/2014; 71. DOI:10.1016/j.vascn.2014.10.001

-***Akour A***, Kennedy MJ, Gerk PM. Receptor-Mediated Endocytosis across Human Placenta: Emphasis on Megalin. Molecular pharmaceutics. 02/2013; 10(4). DOI: 10.1021/mp300609c

-***Akour A***, Kennedy MJ, Gerk PM, Lansberg A. Evidence That Megalin-Mediated Endocytosis is Involved in the Placental Transport of Aminoglycosides. Nature Publishing Group. 2011; 89(1): S63-S64.

FUNDED RESEARCH

Deanship of Academic research @UJ, Nov 2015: Risk factors of colon cancer in Jordanian population (as Co-PI)

Deanship of Academic research @UJ, July 2014: The correlation between Oxytocin and inflammation (as PI)

Scientific Research Support Fund-Amman-Jordan (June 2014): The Effect of Vitamin D₃ on Urinary Markers of Diabetic Nephropathy (as PI)

Deanship of Academic research @UJ,(July 2013): the Effect of Vitamin D₃ on Urinary Markers of Diabetic Nephropathy (as PI)

Deanship of Academic research @UJ, July 2013: Patients' Knowledge and Adherence to Medications of Chronic Diseases in Jordanians (as Co-PI)

OTHER ACTIVITIES

-Teaching Master students at the School of Pharmacy, Omdurman Islamic University (Sudan, January 2013)

-Attending a workshop for staff development at UJ (August 2013)

-Attending a workshop about the use of oral contraceptives in Jordanian Community-organized by JPA (April 2013)

-Attending a workshop about grading system at UJ (Jan 2013)

-Workshop in principles of SPSS®

-Miscellaneous student activities

- Formal visits to other Cooperating Universities

REFERENCES

DR. NAILYA BULATOVA

Professor

University of Jordan, Amman, Jordan

The

DR. STEFANO TOLDO

Associate Professor

Pauley Heart Centre, Richmond, VA

DR. PHILLIP GERK

Associate Professor

Virginia Commonwealth University, Richmond, VA