

## CURRICULUM VITAE

**Amal Abdelraouf Akour**

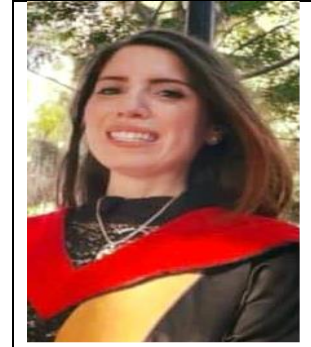
*Department of Pharmacy/Faculty of Pharmacy  
Jordan Al-Zaytoonah University of Jordan, Amman  
The University of Jordan, Amman*

*Phone: +962798022792*

*Fax: None*

*E-mail: [a.akour@zuj.edu.jo](mailto:a.akour@zuj.edu.jo); [a.akour@ju.edu.jo](mailto:a.akour@ju.edu.jo)*

*Homepage: [https://scholar.google.com/citations?user=Tw\\_9Pv8AAAAJ&hl=en](https://scholar.google.com/citations?user=Tw_9Pv8AAAAJ&hl=en)*



**Photo  
40mm X 30mm**

### 1. Personal Data

Date of Birth: 20/6/1984  
Nationality: Jordanian

### 2. Education

- Ph.D. (Pharmacotherapy) 2012, Virginia Common University, Richmond, Virginia, USA
- B.Sc. (Pharmacy) 2007, The University of Jordan, Amman, Jordan

### 3. Ph.D. Dissertation

*The role of megalin in the transport of aminoglycosides across human placenta, Virginia Commonwealth University, Richmond, Virginia, USA.*

### 4. Employment

#### Academic Positions

- Associate Professor, Department of Pharmacy, College of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan  
October, 2019 – now
- Associate Professor, Department of Biopharmaceutics and Clinical Pharmacy, School of Pharmacy, The University of Jordan, Amman, Jordan.  
January, 2017 – Now



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- Fulbright Post-doctorate Research Fellow, Pauley Heart Center, Richmond, Virginia, USA.  
June 2017-January 2018
- Assistant Professor, Department of Biopharmaceutics and Clinical Pharmacy, School of Pharmacy, The University of Jordan, Amman, Jordan.  
January, 2013 – January, 2017
- Graduate Teaching Assistant, Department of Pharmacotherapy, Virginia Commonwealth University, Richmond, Virginia, USA  
August 2011-December 2011
- Teaching Assistant, Department of Biopharmaceutics and Clinical Pharmacy, School of Pharmacy, The University of Jordan, Amman, Jordan  
July 2007-July 2008

#### **Administrative Positions**

- Assistant Dean For Hospital Training And PharmD Program, The University of Jordan, Amman, Jordan  
September 2015-June 2017

#### **5. Research Interests**

Clinical Pharmacy, Endocrinology, Women's Health, Biomarkers

#### **6. Membership in Scientific Societies and Associations**

- JORDAN FOOD AND DRUG ADMINISTRATION, AMMAN, JORDAN  
-Member of Originator drug registration (May 2019-October 2019)  
-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 THERAPEUTICS, DC, USA  
Member (August 2009-December 2012)
- JORDAN PHARMACEUTICAL ASSOCIATION, AMMAN, JORDAN  
Member (July 2007-recent)
- JORDAN NUTRITION ASSOCIATION  
Member (May 2016-Recent)

#### **7. Honors and Awards**

- Dr. Yanchich's Award for distinction in research and scholarship: Virginia Commonwealth University, Richmond, VA (August 2011).
- Certificate in "Preparation of Future Faculty":



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

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.

### 8. Fellowships and Scholarships

- Fulbright Post-doctorate Fellowship, Richmond, VA (June 2017- January 2018)
- Academy of Medical Sciences, London, UK (April 2015): Daniel Turnberg UK/Middle East Fellowship.

### 9. Teaching Experience

#### *Graduate Courses*

- General hospital training for masters
- Advanced Pharmacotherapy for masters

#### *Undergraduate Courses*

- Clinical Biostatistics
- Medical Terminology
- Over-the-counter Medications
- Seminar in Biopharmaceutics and Clinical Pharmacy
- Pharmacotherapy (II)
- Research project in and Clinical Pharmacy
- Pharmacotherapy (I)
- Pharmacology (1)
- Oncology clerkship
- Endocrinology clerkship

### 10. Supervision of Graduate Research

- The Current Involvement And The Impact Of Continuous Professional Development For Pharmacists In Jordan On Perception And Behavior Related



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

To Practice. Main Advisor: Dr. Eman Al-Efishat; Co-advisor: Dr. Amal Akour (Student: Lubna Al-Qaisi, Graduated Summer 2018).

- Evaluation of the association of plasma levels of oxytocin, Fetuin-A and IL-18 in diabetic and non-diabetic patients with metabolic syndrome: A cross-sectional study in Jordan”. Main Advisor: Dr. Violet Kasabri; Co-advisor: Dr. Amal Akour (Student: Esra'a Al-Shawakri-Graduated Summer of 2016).
- Clinical Pharmacist’s role in Ameliorating Complications of Gestational Diabetes. Main advisor: Prof. Abla AlBsoul, Co-advisor 1: Dr. Violet Kasabri; Co-advisor 2: Dr. Amal Akour (Student: Razan Al-Batta- graduated Fall 2017).
- A cross sectional study of soluble intercellular adhesion molecule 1 (sICAM1) and Paraoxonase1 plasma levels in dysglycemic and normoglycemic metabolic syndrome subjects in Jordan. Main Advisor: Dr. Amal Akour; Co-advisor: Violet Kasabri (Student: Quteiba Hameed- graduated Summer 2017).
- A cross sectional study of Melatonin and Cryptochrome 2 plasma levels in dysglycemic and normoglycemic metabolic syndrome subjects in Jordan. Dr. Amal Akour; Co-advisor: Violet Kasabri (Student: Ibrahim Al-Sarraf- Graduated Summer 2017).
- A cross sectional study of Vaspin and Dimethylarginine plasma levels in dysglycemic and normoglycemic metabolic syndrome subjects in Jordan Dr. Amal Akour; Co-advisor: Violet Kasabri (Student: Zahara Khafaji- Graduated Summer 2017).

## 11. Grants

- Deanship of Academic research at UJ, Nov 2015: Risk factors of colon cancer in Jordanian population (as Co-PI), grant value: 5,000 JDs.
- Deanship of Academic research at UJ, July 2014: The correlation between Oxytocin and DM/inflammation (as PI), grant value: 10,000 JDs.
- Scientific Research Support Fund-Amman-Jordan (June 2014): The Effect of Vitamin D3 on Urinary Markers of Diabetic Nephropathy (as PI), grant value: 34,000 JDs.
- Deanship of Academic research at UJ, (July 2013): the Effect of Vitamin D3 on Urinary Markers of Diabetic Nephropathy (as PI), grant value: 10,000 JDs.
- Deanship of Academic research at UJ, July 2013: Patients’ Knowledge and Adherence to Medications of Chronic Diseases in Jordanians (as Co-PI), grant value: 5,000 JDs

## 12. Patents

- None

## 13. Membership of Committees

- **National and International**  
- *Postmarketing advisory committee, JFDA*



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- *Originator drug registration committee, JFDA*
- **University**
  - *E-learning committee*
  - *Scientific research committee*
  - *Experiential learning committee*
  - *Curriculum development committee*

#### 14. Professional and Scientific Meetings

##### *Scientific Meetings Organized*

None

##### *Participation in Scientific meetings*

- *Urinary Megalin Levels and Diabetic Nephropathy (November 2019)*  
Daniel Turnberg Alumni Conference, Nicosia , Cyprus
- *Developing a Mobile Application for Contraception Use in Jordanian Women (August 2019)*  
IFLA conference, Athens, Greece
- *Direct cardiac effects of SGLT2R inhibitors (October 2018)*  
MEMBS conference, Amman, Jordan
- *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 (May 2018).*  
The 15th Congress of the European Society of Contraception and Reproductive Health. Budapest, Hungary
- *The Evaluation Of Correlation Between Clinical Parameters And Inflammatory Markers In Metabolic Syndrome Patients In Jordan: Cross-Sectional Study (November 2015)*  
The 5th World American Congress on Controversies to Consensus in Diabetes, Obesity and Hypertension (CODHy). Istanbul, Turkey
- *Metabolic Syndrome and Antipsychotic Medications (April 2018)*  
Jordan Pharmacists' Association -Amman, Jordan
- *Patient Counseling on Complimentary Weight Loss Products (September 2014)*  
Jordanian Women health forum at Jordan Pharmacists' 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
- *Assessment of Megalin Expression in Human Placental Models (Feb 2012).*  
Virginia Commonwealth University, Richmond, VA.



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- *The Role of Megalin in the Transplacental Transport of Aminoglycosides (April 2011)*  
Virginia Commonwealth University, Richmond, VA.
- *Intrapartum Aminoglycosides and Neonatal Nephrototoxicity (April 2010)*  
Virginia Commonwealth University, Richmond, VA.
- *The Effect of Contemporary Oral Contraceptive Pills on Carbohydrate Metabolism in Women with Metabolic Risk Anomalies: Review of literature. (Feb 2009)*
- 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).

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

- Attending a workshop: Cosmetics in Jordan (November 2019)
- Attending a workshop for staff development at UJ (August 2013)
- Attending a workshop about the use of oral contraceptives in Jordanian Community-organized by Jordan Pharmacy Associations (April 2013)
- Attending a workshop about grading system at UJ (Jan 2013)
- Workshop in principles of SPSS) Feb. 2014)
- Workshop titled "Harmonizing the assessment process of generic dossiers and improving quality of Assessment by USAID and JFDA" (August 2015)
- Pharmacy Health Informatics at Applied Sciences Private University (December 2015).
- اليوم الطبي المجاني في مستشفى الجامعة الأردنية  
(Organized by IPSF Eastern Mediterranean Regional: December 2015)
- الاشراف على يوم طبي مجاني في سيتي مول



- Emotional Intelligence workshop by Dale Carnegie (April 2016)
- Nutrition and Diabetes Complications workshop by Academy of Nutrition and Dietetics (May 2016)

## 16. Publications

For full list of publications please visit the following link: [https://scholar.google.com/citations?user=Tw\\_9Pv8AAAAJ&hl=en&authuser=1](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-Muhaisen & 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 AbuFarha, 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 Bulatova, Yasser Bustanji, Randa Naffa, Dana Hyasat, Nahla Khawaja, Haidar Bustanji, Ayman Zayed, Munther Momani, MD. Levels of metabolic markers in drug-naive prediabetic and type 2 diabetic patients. *Acta Diabetologica*. 2017; 54 (2): 163–170.
- **Amal Akour**., 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., **Amal Akour** 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.
- **Amal Akour**, Gerk 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, **Amal Akour** 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).
- **Amal Akour**, Gerk PM and Kennedy MJ. Megalin expression in human term and preterm placental villous tissues: Effect of gestational age and sample



QFG11/0110 - 3.1E

Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

processing and storage time. Journal of Pharmacological and Toxicological Methods. 10/2014; 71. DOI:10.1016/j.vascn.2014.10.001

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