

CURRICULUM VITAE

Amal Abdelraouf Akour

*Affiliation 1: Department of Pharmacy/Faculty of Pharmacy
Jordan Al-Zaytoonah University of Jordan, Amman*

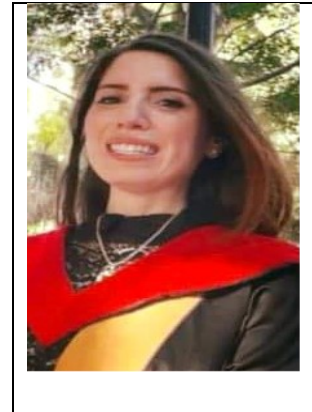
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1. Personal Data

Marital status: Single
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
- 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":
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 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. Abba AlBoul, 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*
 - *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.
- ***The Role of Megalin in the Transplacental Transport of Aminoglycosides (April 2011)***
Virginia Commonwealth University, Richmond, VA.
- ***Intrapartum Aminoglycosides and Neonatal Nephrotoxicity (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. Most Significant Publications

For full list of publications please visit the following

link: https://scholar.google.com/citations?user=Tw_9Pv8AAAAJ&hl=en&authuser=1

1. **Akour A.** Probiotics and COVID-19: is there any link? Letters in applied microbiology. 2020.
2. Kasabri V, **Akour A.**, Bulatova N, Suyagh M, Yousef AM, Al Hawari H, et al. A Pre-Post Study of Vitamin D Supplements effects on Urinary megalin: The emerging predictive role of megalin in diabetic nephropathy progression. Endocrine, metabolic & immune disorders drug targets. 2020.
3. Madae'en S, Elayeh E, **Akour, A.**, AlQhaiwi T, Shaggour B, Madain R. Diabetes knowledge, medication adherence, and glycemic control among diabetic patients: A cross-sectional study in Jordan. J Appl Pharm Sci, 2020; 10(04):041–046.
4. **Akour, A.**, Kasabri, V., Al Muhaissen, S., Tarawneh, R., Al-Anati, B., & Alourani, N., 2020. Patterns and Perceived Efficacy of Herbal Medicine for Weight Loss and Maintenance: a Cross-Sectional Survey From Jordan. Euro Jour Integ med. In press doi: 10.1016/j.eujim.2020.101086

5. **Akour A**, Kasabri V, Bulatova N, Al-Motassem Y, Fahmawi H, Momani M, et al. Urinary megalin in association with progression factors of diabetic nephropathy. *Bratislavske lekarske listy*. 2019;120(7):532-5.
6. Bardaweel SK, **Akour AA**, Al-Muhaissen S, AlSalamat HA, Ammar K. Oral contraceptive and breast cancer: do benefits outweigh the risks? A case - control study from Jordan. *BMC women's health*. 2019;19(1):72.
7. Al Muhaissen SA, Ratka A, **Akour A**, AlKhatib HS. Quantitative analysis of single best answer multiple choice questions in pharmaceuticals. *Currents in pharmacy teaching & learning*. 2019;11(3):251-7.
8. Kasabri V, Shawakri E, **Akour A**, Naffa R, Khawaja N, Al-Sarraf I, et al. Cross-sectional correlates of increased IL-18 but reduced fetuin-A and oxytocin with adiposity and blood indices in metabolic syndrome patients with and without prediabetes. *Therapeutic advances in endocrinology and metabolism*. 2018;9(12):329-38.
9. Al-Heety QQ, Kasabri V, **Akour A**, Naffa R, Abu Rkhaya S. Cross-sectional correlates of paraoxonase 1 and soluble intercellular adhesion molecule-1 in metabolic syndrome patients with and without diabetes. *Therapeutic advances in endocrinology and metabolism*. 2018;9(10):303-10.
10. Alquoqa RS, Kasabri V, Naffa R, **Akour A**, Bustanji Y. Cross-sectional correlates of myeloperoxidase and alpha-1-acid glycoprotein with adiposity, atherogenic and hematological indices in metabolic syndrome patients with or without diabetes. *Therapeutic advances in endocrinology and metabolism*. 2018;9(9):283-91.
11. Bardaweel SK, **Akour AA**, A AL. Impediments to use of oral contraceptives among refugee women in camps, Jordan. *Women & health*. 2019;59(3):252-65.
12. Al-Sarraf IAK, Kasabri V, **Akour A**, Naffa R. Melatonin and cryptochrome 2 in metabolic syndrome patients with or without diabetes: a cross-sectional study. *Hormone molecular biology and clinical investigation*. 2018;35(2)
13. **Akour A**, Kasabri V, Bulatova N, Al Muhaissen S, Naffa R, Fahmawi H, et al. Association of Oxytocin with Glucose Intolerance and Inflammation Biomarkers in Metabolic Syndrome Patients with and without Prediabetes. *The review of diabetic studies : RDS*. 2018;14(4):364-71.
14. **Akour A**, Bardaweel S, Awwad O, Al-Muhaissen S, Hussein R. 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 : the official journal of the European Society of Contraception*. 2017;22(6):459-64.
15. Batta RA, Kasabri V, **Akour A**, Hyassat D, Albsoul-Younes A. Impact of clinical pharmacists intervention on management of hyperglycemia in pregnancy in Jordan. *International journal of clinical pharmacy*. 2018;40(1):48-55.
16. Hammad EA, Qudah RA, **Akour AA**. The impact of clinical pharmacists in improving Jordanian patients' health outcomes. *Saudi medical journal*. 2017;38(11):1077-89.
17. **Akour, A.**, Farha, R.A., Alefishat, E. et al. Insulin resistance and levels of cardiovascular biomarkers in night-shift workers. *Sleep Biol. Rhythms*, 2017 15, 283–290.

18. Al-Rawashdeh A, Kasabri V, Bulatova N, **Akour A**, Zayed A, Momani M, et al. The correlation between plasma levels of oxytocin and betatrophin in non-diabetic and diabetic metabolic syndrome patients: A cross sectional study from Jordan. *Diabetes & metabolic syndrome*. 2017;11(1):59-67.