

Shereen M. Aleidi, Ph.D.

CURRICULUM VITAE

SHEREEN M. ALEIDI, Ph.D.

Associate professor of Clinical Biochemistry and Clinical Pharmacy

Current position: Head of the Department of Biopharmaceutics and Clinical Pharmacy

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Academic site: <http://eacademic.ju.edu.jo/S.Aleidi/Lists/Published%20Research/AllItems.aspx>

Google Scholar: <https://scholar.google.com/citations?user=wFA3mysAAAAJ&hl=en>



PERSONAL INFORMATION:

- ❖ Date of Birth: July 8th, 1987
- ❖ Nationality: Jordanian
- ❖ Marital Status: Married with three children

EDUCATION:

❖ 2013 –2016

Ph.D. in Pharmacy, Faculty of Medicine and Health, School of Pharmacy,
The University of Sydney, Australia.

Thesis Title: **"Characterization of the Post-Translational Regulation of the ABCA1 and ABCG1 Lipid Transporters by E3 Ligases"**.

❖ 2010- 2012

MSc. in Clinical Pharmacy, School of Pharmacy,
The University of Jordan, Jordan

Thesis Title: **"Evaluation of Adiponectin Serum Level in Jordanian Type 2 Diabetic Patients "**.
GPA 3.94 out of 4.00 (Distinction), ranked 2nd in Class 2012.

❖ 2005- 2010

BSc. Pharmacy, School of Pharmacy,
The University of Jordan, Jordan

GPA 3.89 out of 4.00 (Distinction), ranked 5th in Class 2010.

❖ 2005

General Secondary Education Certificate Examination,

Scientific stream, Jordan, Grade (92.5%), Distinction, ranked 1st in Class 2005.

ACADEMIC AND PROFESSIONAL EXPERIENCE:

2022- Present	Head of the Department of Biopharmaceutics and Clinical Pharmacy School of Pharmacy, The University of Jordan, Amman, Jordan
2020 - Present	Associate Professor of Clinical Biochemistry and Clinical Pharmacy School of Pharmacy, The University of Jordan, Amman, Jordan
2020 - 2021	Assistant Dean of Clinical Training and Hospital Affairs. School of Pharmacy, The University of Jordan, Amman, Jordan
2019	Post-doctoral Visiting Scholar. School of life sciences, Nottingham University, United Kingdom
2017- 2020	Assistant Professor of Clinical Biochemistry and Clinical Pharmacy School of Pharmacy, The University of Jordan, Amman, Jordan
2016 - 2017	Full-time Lecturer of Clinical Biochemistry and Clinical Pharmacy School of Pharmacy, the University of Jordan
2014 - 2015	Tutor and lab demonstrator, Part-time (casual academic staff member). School of Pharmacy, The University of Sydney, Sydney, Australia.
2014 - 2015	Research assistant, (Translator), Australian Council for Educational Research (ACER), Sydney, Australia. Participation in marking project of the External Measurement Standards Assessment (EMSA) for the Abu Dhabi Education Council.
2011 - 2013	Full-time clinical pharmacist preceptor, The University of Jordan
2010- 2011	Part-time clinical pharmacist preceptor, School of Pharmacy and Jordan University Hospital.

AWARDS AND SCHOLARSHIPS:

May 2019	Daniel Turnberg Travel Fellowship, Nottingham University, United Kingdom.
Nov. 2015	Postgraduate Research Support Scheme (PRSS), The University of Sydney, Australia
2013-2016	Ph.D. Full Scholarship, From The University of Jordan.
2011-2012	Scientific Achievement Scholarship for Outstanding Postgraduate Students, From the Ministry of Higher Education, Jordan
2008-2010	Undergraduate Scholarship for Distinguished Students in Public Universities, From King Abdullah II Fund for Development (KAFD), Jordan.

PROFESSIONAL MEMBERSHIPS:

2022-Present	Member of the School of Pharmacy Council , The University of Jordan
2021- Present	Pricing Committee , as a clinical pharmacist member holding a Ph.D. Jordanian Food and Drug Administration (JFDA), Amman, Jordan
2020- Present	Association of Jordanian Women Academics , Jordan
2020- Present	Jordan Society for Scientific Research, Entrepreneurship, and Creativity , Jordan
2018- Present	Doctor of Pharmacy Clinical Training Committee , The University of
2020-2021	Member of the School of Pharmacy Council , The University of Jordan.
2020-2021	Curriculum Committee, School of Pharmacy , The University of Jordan.
2020-2021	Accreditation Council for Pharmacy Education (ACPE) and Resources Committee , School of Pharmacy, The University of Jordan
2017-2018	ACPE and Course Syllabus Committee , School of Pharmacy, The University of Jordan
2017-2019	Scientific Research Committee , School of Pharmacy, The University of Jordan
2017-2018	Organization Committee for Student Union Council Election , The University of Jordan
2016-Present	Middle East Molecular Biology Source (MEMBS)
2015 – Present	Australian Vascular Biology Society (AVBS)
2014 – Present	American Association of Pharmaceutical Scientists (AAPS) , Sydney Student Chapter Member, Manager Assistant (Aug. 2014- Aug. 2015)
2014 – Present	American Society for Biochemistry and Molecular Biology (ASBMB)
2010 – Present	Jordan Pharmaceutical Association (JPA).

COMMUNITY SERVICES:

2017 – Present	Member of the examination committee for high school graduation scientific projects, The Jubilee Institute, Amman, Jordan
2017 – Present	Member in the Share-Net Jordan Program, an international program focused on developing family and reproductive health and right in the Middle East. This is in collaboration with Higher Population Council (HPC), Amman. Jordan

COURSES TAUGHT:

- ❖ Hospital clerkship and hospital pharmaceutical training:
 - Oncology clinical training rotation.
 - Respiratory clinical training rotation.
 - Endocrinology clinical training rotation.
- ❖ Pharmacotherapy clerkship II and IV for PharmD
- ❖ Advanced hospital training for MSc. of clinical pharmacy.
- ❖ Seminars in clinical pharmacy and biopharmaceutics.
- ❖ Clinical pharmaceutical biochemistry for pharmacy
- ❖ Clinical biochemistry I and II for PharmD

Shereen M. Aleidi, Ph.D.

- ❖ Immunology and Genetics for PharmD
- ❖ Advanced immunology for MSc. in biology
- ❖ Research project (project-based learning) for PharmD
- ❖ Biochemistry I and II

FIELD OF EXPERTISE & RESEARCH INTERESTS:

- ❖ Clinical pharmacy and pharmacy education.
- ❖ Health technology.
- ❖ Public health and patient adherence to medication
- ❖ Biomarkers discovery and evaluation in T2DM, obesity, and aging.
- ❖ Metabolomics and Proteomic analysis.
- ❖ Protein analysis and quantification

GRANTS AND FUNDED PROJECTS:

- ❖ Characterizations of the role of HCTD1 E3 ligase enzyme as a regulator of epithelial-mesenchymal transition (EMT) inducing transcription factor and breast cancer metastasis, **15000 JOD**, Deanship of Scientific Research, The University of Jordan. **(2020-2022)**
- ❖ Investigation of the new role of the multitasking medication (metformin) as an anti-aging drug in patients with type 2 diabetes, **15000 JOD**, Deanship of Scientific Research, The University of Jordan **(2018-2021)**
- ❖ Patients' knowledge, attitudes, and preference toward using mobile health application (mHealth app) for medication adherence and self-management in asthma, **5000 JOD**, Deanship of Scientific Research, The University of Jordan. **(2018-2021)**

ACADEMIC PUBLICATIONS:

***Peer reviewed after Ph.D.:*

1. **Shereen M Aleidi**, Mysoon M Al-Ansari, Eman A Alnehmi, Abeer K Malkawi, Ahmad Alodaib, Mohamed Alshaker, Hicham Benabdelkamel, Anas M Abdel Rahman. "Lipidomics Profiling of Patients with Low Bone Mineral Density (LBMD) " International Journal of Molecular Science.(2022) 23(17)12017.
2. Montaha Al-Iede, **Shereen M. Aleidi**, Khaled Al Oweidat, Enas Al-Zayadneh, Basim Alqutawneh, Amirah Daher. "Characteristics of inpatients with atopic asthma in a tertiary center: do age and gender have an influence? " Multidisciplinary Respiratory Medicine (2022) 17:883
3. Montaha AL-Iede, Asim N. Khanfar , Mohammad A. Alshrouf , Muayad I. Azzam , Tala A. Haddad , Omar N. Khanfar , Zaid M. Al-Tarawneh and **Shereen M. Aleidi**. "Parents' attitude towards pneumococcal vaccine: an online survey from Jordan". Prospective Clinical Research Report.(2022) 50(10)1-12.
4. Mysoon M Al-Ansari, **Shereen M Aleidi**, Afshan Masood, Eman A Alnehmi, Mai Abdel Jabar, Maha Almogren, Mohammed Alshaker, Hicham Benabdelkamel, Anas M Abdel Rahman. "Proteomics Profiling of Osteoporosis and Osteopenia Patients and Associated Network Analysis". International Journal of Molecular Science.(2022) 23(17)10200.

5. Montaha AL-Iede , Jude Foudeh, Omaymah Al-Shweiki, Mohammad A. Alshrouf, Tala Al-Abdallat, **Shereen M. Aleidi**, Basim Alqutawneh. "Parents' Willingness to Vaccinate Their Children Against COVID-19: A Cross-Sectional Survey From Jordan". Asia Pacific Journal of Public Health (2022) 34 (7):698-701
6. **Shereen M Aleidi**, Eman A Alnehmi, Mohammed Alshaker, Afshan Masood, Hicham Benabdelkamel, Mysoon M Al-Ansari, Anas M Abdel Rahman. "A Distinctive Human Metabolomics Alteration Associated with Osteopenic and Osteoporotic Patients". Metabolites. (2021) 11 (9):628
7. Mohammad K Al-Nawayseh, Montaha Al-Iede, Eman Elayeh, Rima Hijazeen, Khaled Al Oweidat, **Shereen M Aleidi**. " The impact of using a mobile application to improve asthma patients' adherence to medication in Jordan". Health Informatics Journal. (2021) 27(3): <https://doi.org/10.1177/14604582211042926>
8. Rima A Hijazeen , Mohammed I Aladul , Khaled Aiedeh, **Shereen M Aleidi** , Qais S Al-Masri . " Assessment of Moral Development among Pharmacy Students and Alumni: Implications for Pharmacy Education". AJPE. (2021) DOI: <https://doi.org/10.5688/ajpe8659>
9. **Shereen M. Aleidi**, Lina A. Dahabiyeh, Xinyun Gu, Mohammed Al Dubayee, Awad Alshahrani, Hicham Benabdelkamel, Muhammad Mujammami, Liang Li, Ahmad Aljada, and Anas M. Abdel Rahman. "Obesity Connected Metabolic Changes in Type 2 Diabetic Patients Treated With Metformin". Frontiers in pharmacology (2021), 11:616157-616157.
10. Montaha Al-Iede, Eman Badran, Manar Al-lawama, Amirah Daher, Enas Al-Zayadneh, **Shereen M Aleidi**, Taima Khawaldeh, Basim Alqutawneh. "Coronavirus disease 2019 (COVID-19): a brief overview of features and current treatment" Adv Respir Med (2021), 89(2):158-172.
11. Montaha Al-Iede, Karen Waters, **Shereen M Aleidi**, Basim Alqutawneh, Hala Alnawaiseh, Araek Alshraideh, Sara Almaaitah, Raghad Mahmoud, Raya Abualsoud, Arwa Kiswani, Enas Al-Zayadneh, and Al-Motassem Yousef." Impact of COVID-19 lockdown on children with asthma in Jordan: a parental questionnaire" BMJ Paediatrics Open (2021), 5(1):e001136-e.10.1136/bmjpo-2021-001136.
12. Ian D. Kerr, Ella Hutchison, Louise Gerard, **Shereen M. Aleidi**, and Ingrid C. Gelissen. " Mammalian ABCG-transporters, sterols and lipids: To bind perchance to transport? " Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids (2021), 1866(3):158860.
13. Ala Y. Issa, Husam A. AL Salamat, Wedad B. Awad, Rand M. Haddaden, and **Shereen M. Aleidi**, " The impact of pharmaceutical care on the efficacy and safety of transdermal glucosamine sulfate and capsaicin for joint pain" International Journal of Clinical Pharmacy, (2021), 43(1):101-106.
14. Montaha Al-Iede; Lena Sarhan; Leen Abushanab; Tamara BaniAhmad; Refa Almiani; Aysha Aysha; Shatha Khader; **Shereen M.Aleidi**; Basim Alqutawneh; and Enas Al-Zayadneh, " Influenza Viral Infections Surveillance and Clinical Presentations in Hospitalized Children: A Cross-sectional Study" Current Respiratory Medicine Reviews (2021), 17 (1)29-37.
15. Eman Elayeh, **Shereen M. Aleidi**, Rawan Ya'acoub, Randa N. Haddadin, " Before and after case reporting: A comparison of the knowledge, attitude, and practices of the Jordanian population towards COVID-19". PLOS ONE (2020), 15(10):e0240780.
16. **Shereen M. Aleidi**, Eman Elayah, Dina Zraiqat, Roua Abdallah, Montaha AL-Iede, " Factors Affecting the Academic Performance of Medical, Dental, and Pharmacy Students in Jordan". Jordan Journal of Pharmaceutical Sciences, (2020), 13, 2,169-183

17. Eman Y Abu-Rish, Ahmad T Mansour, Hebah T Mansour, Lina A Dahabiyeh, **Shereen M Aleidi**, Yasser Bustanji, "Pregabalin inhibits in vivo and in vitro cytokine secretion and attenuates spleen inflammation in Lipopolysaccharide/Concanavalin A-induced murine models of inflammation", Scientific Reports, (2020), 10,1,1-11.
18. **Shereen M. Aleidi**, Eman Shayeb, Jameel Bzour, Eman Abu-Rish, Mohammad Hudaib, Sundous Al Alawi, And Yasser Bustanji. "Serum level of insulin-like growth factor-I in type 2 diabetic patients: impact of obesity". Hormone molecular biology and clinical investigation. (2019), 39 (1):1868-1891
19. Amjad Alrosan, **Shereen M. Aleidi**, Alryel Yang, Andrew J. Brown and Ingrid C. Gelissen. " The Adaptor Protein Alix is Involved in the Interaction between the Ubiquitin Ligase NEDD4-1 and its Targets, ABCG1 and ABCG4". International Journal of Molecular Science. (2019), 20 (11): 2714.
20. S. K. Bardaweel, H. A. Al Salamat, **S. M. Aleidi**, and R. M. Bashatwah "Glucose deprivation enhances the antiproliferative effects of oral hypoglycemic biguanides in different molecular subtypes of breast cancer: An in vitro study". Acta Pharmaceutica. (2018), 68(4):517-524.

****Peer-reviewed from Ph.D. thesis:**

21. **Shereen M. Aleidi**, Alryel Yang, Laura J. Sharpe, Geetha Rao, Blake J. Cochran, Kerry-Anne Rye, Andrew J. Brown, and Ingrid C. Gelissen." The E3 ligase HECTD1 regulates ABCA1 expression and function". BBA - Molecular and Cell Biology of Lipids. (2018), 1863(4):359-368.
22. **Shereen M. Aleidi**, Vicky Howe, Laura J. Sharpe, Alryel Yang, Geetha Rao, Andrew J. Brown, and Ingrid C. Gelissen." The E3 Ubiquitin Ligases, HUWE1 and NEDD4-1, Are Involved in the Post-translational Regulation of the ABCG1 and ABCG4 Lipid Transporters". The Journal of Biological Chemistry. (2015), 290(40): 24604-24613.
23. Laura J. Sharpe, Geetha Rao, Peter M. Jones, Elizabeth Glancey, **Shereen M. Aleidi**, Anthony M. George, Andrew J. Brown, and Ingrid C. Gelissen." Cholesterol sensing by the ABCG1 lipid transporter: Requirement of a CRAC motif in the final transmembrane domain". Biochim Biophys Acta. (2015),1851(7): 956-964.

****Peer-reviewed from Master Thesis:**

24. **Shereen Aleidi**, Ala Issa, Haidar Bustanji, Mohammad Khalil and Yasser Bustanji." Adiponectin serum levels correlate with insulin resistance in type 2 diabetic patients". Saudi Pharmaceutical Journal. (2015), 23(3): 250-256."

CONFERENCE PRESENTATIONS:

1. **Shereen M. Aleidi**, "Impact of COVID-19 lockdown on children with asthma in Jordan: a parental questionnaire". **Oral presentation**, Recent Trends in Research about COVID-19 Pandemic, (12-13 Sep.2021) Applied science university, Amman, **Jordan**.
2. **Shereen M. Aleidi** "Detecting Interactions of ABCG2 Transporter with Substrates and Inhibitors using a Nano-Bret Reporter Assay". **Oral presentation**. The school of pharmacy 2021 conference. (7-8 April 2021).The University of Jordan, Amman, **Jordan**
3. Mohammad K. Al-Nawayseh, Eman Elayeh, Montaha AL-Iede, Khaled Al- Oweidat, and **Shereen M. Aleidi** " The use of mobile health applications For Asthma self-management" **Poster presentation**. The 34th International Business Information Management Association Conference (IBIMA), (Nov. 2019) **Spain**.

4. **Shereen M. Aleidi**, Alryel Yang, Laura J. Sharpe, Geetha Rao, Blake J. Cochran, Kerry-Anne Rye, Andrew J. Brown, and Ingrid C. Gelissen. "The E3 ubiquitin ligase HECTD1 is involved in ABCA1-mediated cholesterol export from macrophages. **Poster presentation**. The 5th Middle East Molecular Biology Congress and Exhibition, (3-6 October 2018), King Hussein bin Talal Convention Centre Dead Sea, **Jordan**.
5. **Shereen M. Aleidi**, Characterization of the Post-Translational Regulation of the ABCA1 and ABCG1 Lipid Transporters by E3 Ligases. **Oral presentation**, First International Conference of the Faculty of Pharmacy, Mu'tah University, (18th -19th April 2018), Dead Sea, **Jordan**.
6. **Shereen M. Aleidi**, Sharpe L.J., Rao G., Burns V., Brown A.J. and Gelissen I.C. E3 Ubiquitin Ligases, HUWE1, and NEDD4-1 are involved in the Post-Translational Regulation of the ABCG1 and ABCG4 Lipid Transporters. **Poster Presentation**, the 23rd Annual Scientific Meeting of the Australian Vascular Biology Society, (19th-22nd Nov 2015), Kiama, NSW, **Australia**.
7. **Shereen M. Aleidi**, Sharpe L.J., Rao G., Burns V., Brown A.J. and Gelissen I.C. Regulation of ABCG1 lipid transporter by E3 ubiquitin ligase enzymes. **Poster Presentation**, the 2nd Australian Lipid Meeting (ALM), (3rd-5th Dec 2014), Wollongong, NSW, **Australia**.
8. **Shereen M. Aleidi**, Sharpe L.J., Rao G., Burns V., Brown A.J. and Gelissen I.C. E3 ubiquitin ligases are involved in the post-translational modification of the ABCG1 lipid transporter. **Poster Presentation**, ComBio, (28th Sept -2nd Oct 2014), Canberra, ACT, **Australia**.
9. **Shereen M. Aleidi**, Post-translational Regulation of ABCG1 Lipid Transporter via Ubiquitination Process. **Oral Presentation**, American Association of Pharmaceutical Scientists (AAPS) Symposium, (28th Aug 2014), Sydney, NSW, **Australia**.
10. **Shereen M. Aleidi**, Issa.A. Bustanji Y., Khalil M. Evaluation of adiponectin serum level in Jordanian type 2 diabetic patients. **Poster Presentation**. 15th Scientific Congress of the Association of Pharmacy Colleges in the Arab World, (21st -23rd Oct. 2012), Amman, **Jordan**.

PROFESSIONAL PARTICIPATIONS:

1. Scientific citation and referencing using Mendeley Software, Training workshop, **12/1/2022**, Deanship of scientific research, The University of Jordan.
2. Patents and Intellectual Properties, Training workshop, **16/12/2021**, Innovation and Entrepreneurship Center, The University of Jordan.
3. Tips for a successful Fulbright scholarship application. **Presenting a workshop, 12/12/2021**, Deanship of scientific research, The University of Jordan.
4. Statistical analysis using SPSS, Training workshop, **11/11/2021**, Deanship of scientific research, The University of Jordan.
5. **Training of Trainers workshop** titled: "Enhancing Student Work-Ready Skills" **25-27/10/ 2021**, The University of Jordan under SPARK's Improving Market-Driven Curriculum for Higher and Vocational Education to Jobs Trajectory.
6. Advanced features on using Microsoft Teams, Accreditation and Quality Assurance Center, **29/6/2020**, The University of Jordan. Amman
7. The use of Microsoft Team in online teaching, Accreditation and Quality Assurance Center, **17/6/2020**, The University of Jordan

Shereen M. Aleidi, Ph.D.

8. New Horizons and Opportunities for Pharmacy Practice and Education, **12/1/2020**, Applied and science university, Amman, Jordan.
9. Responsible Conduct of Research, Accreditation and Quality Assurance Center, **17/12/2019**, The University of Jordan
10. Scientific workshop with the International Center for Biotechnology and Genetic Engineering (ICBGE), **27/10/2019**, Faculty of Medicine, The University of Jordan
11. Analysis using NanoBret assay, **August 2019**, Training at Queen Medical Building, Nottingham University, United Kingdom (UK).
12. Analysis using Flow cytometry assay, **August 2019**, Training at Queen Medical Building, Nottingham University, United Kingdom (UK)
13. Bioluminescence imaging, **August 2019**, Training at Queen Medical Building, Nottingham University, United Kingdom (UK)
14. Early Career Research, Accreditation, and Quality Assurance Center, **14/3/ 2019**, The University of Jordan, Amman
15. Conducting a Quiz in Moodle for health faculties, Accreditation and Quality Assurance Center, **13 /2/ 2019**, The University of Jordan, and Amman.
16. Using social media for education and learning purposes, Accreditation and Quality Assurance Center, **7 /2/ 2019**, The University of Jordan, Amman
17. Queen's University Belfast – Jordan Research Symposium in Healthcare, Pharma and Agri-Food, **(8-9/1/ 2019)** Al-Ahliyyah Amman University, Amman
18. "Pharmacy as a profession, what is needed? Implications for Jordan", lecture, **(22/4/2018)** The University of Jordan, Amman, Jordan.
19. MEMBS molecular biology day. **(11/4/2018)**, Hamdi Mango Research Centre for Scientific Research, The University of Jordan, Amman, Jordan.
20. The 6th International Jordanian Congress of Allergy and Immunology. **(26-28/7/2017)** Amman, Jordan.
21. "Project-based learning and flipped learning workshop", **(24/5/2017)**, the University of Jordan, Amman, Jordan.
22. ASU Pharmacy Third Conference "Recent Trends in Postgraduate Research". **(14-15/4/2017)** Applied Science University. Amman, Jordan
23. Excellence in Pharmacy Education & Research: A Quality Approach, **(25-27/10/2016)**. The University of Jordan, Amman, Jordan.

REVIEWER RESPONSIBILITIES:

- ❖ Journal of Pharmaceutical Health Services Research (JPHSR)
- ❖ Jordan Journal of pharmaceutical science (JJPS)
- ❖ BMJ Open