

DR. SHEREEN M. ALEIDI

Contact Details

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Work Experience:

- Sep.2016 – Present** **Assistant Professor of Biochemistry**
Faculty of Pharmacy, The University of Jordan *Amman, Jordan*
- Jan. 2014 – Nov.2015** **Tutor and lab demonstrator.**
Faulty of pharmacy, The University of Sydney. *Sydney, Australia.*
Part time (casual academic staff member).
Duties - Preparing and conducting tutorials in Therapeutic Principles
- Demonstration in Physical Pharmaceutics and Formulation practical classes
- Jul. 2014 – Oct. 2015** **Advisor assistant for Honour students**
Dr. Ingrid Gelissen research laboratory, Faulty of pharmacy, *Sydney, Australia*
The University of Sydney.
Duties - Supervision on two honour students' projects.
- Teaching the students different research related skills.
- Data interpretation.
- Jan. 2014 – Sep.2015** **Exam Invigilator.**
Faulty of pharmacy, The University of Sydney. *Sydney, Australia.*
Duties - Supervision and conduct of written exams and objective structured clinical examination
(OSCE) within the Faculty.
- Apr. 2014 – May 2015** **Research assistant, (Translator)**
Australian Council for Educational Research (ACER). *Sydney, Australia.*
Duties - Participation in marking project of the External Measurement Standards Assessment
(EMSA) for the Abu Dhabi Education Council.

Work Experience:

- Feb. 2011 – Mar. 2013** **Lecturer/ Preceptor**
Faculty of Pharmacy and Jordan University Hospital. *Amman, Jordan.*
The University of Jordan.
Full-time position.
Duties
- Teaching Pharmacotherapy workshops for pharm.D students.
- Teaching specialized hospital pharmaceutical training and case studies workshops for MSc. students.
- Sept. 2010 – Jan.2011** **Teaching Assistant**
Faculty of Pharmacy, The University of Jordan. *Amman, Jordan.*
Part-time position.
Duties
- Organizing and teaching several undergrad pharmacy students practical courses, such as: Biochemistry, Pharmacology, and Clinical Pharmacokinetics.

Education:

- Mar. 2013 – Jul. 2016** **PhD in Pharmacy**
Faculty of pharmacy, The University of Sydney. *Sydney, Australia*
Thesis Title: “**Characterization of the Post-Translational Regulation of the ABCA1 and ABCG1 Lipid Transporters by E3 Ligases**”.
- Sept. 2010 – Jul. 2012** **MSc. in Clinical Pharmacy.**
Faculty of pharmacy, The University of Jordan. *Amman, 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.
- Sept. 2005 – June 2010** **B.Sc. Pharmacy.**
Faculty of pharmacy, The University of Jordan. *Amman, Jordan*
GPA 3.89 out of 4.00 (Distinction), ranked 5th in Class 2010.
- Sept. 2004 – Aug. 2005** **General Secondary Education Certificate Examination.**
Scientific stream. *Alkarak, Jordan.*
Grade (92.5%), Distinction, ranked 1st in Class 2005.

Awards and Scholarships:

- Nov. 2015** **Postgraduate Research Support Scheme (PRSS).**
Faulty of pharmacy, The University of Sydney. *Sydney, Australia*
Grant for presenting at national conference.
- 2013 –2016** **PhD Full Scholarship.**
The University of Jordan. *Amman, Jordan.*

Awards and Scholarships:

2011 – 2012	Scientific Achievement Scholarship for Outstanding Postgraduate Students. <i>Ministry of Higher Education.</i>	<i>Amman, Jordan.</i>
2008 – 2010	Undergraduate Scholarship for Distinguished Students in Public Universities. <i>King Abdullah II Fund for Development (KAJD).</i>	<i>Amman, Jordan.</i>

Professional Memberships:

2010 – Present	Jordan Pharmaceutical Association (JPA).
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 (ASMB)
2015 – Present	Australian Vascular Biology Society (AVBS)
2016- Present	Middle East Molecular Biology Source (MEMBS)

Skills

Research Related Skills

- Professional skills in:
 - Enzyme-Linked Immunosorbent Assay (ELISA).
 - Protein extraction and separation through SDS-page and Western Blotting.
 - Co-Immunoprecipitation approaches.
 - Tissue Culture techniques, radiolabeling and efflux assays.
 - Data collection and statistical analysis (SPSS and Graph pad prism).
 - Bioinformatics

Computer Skills

- Professional skills in using Windows, Microsoft Office applications, and Endnote.

Languages

- Arabic (Native language).
- English (Fluently spoken and written).

Publication:

Peer reviewed:

1) **Shereen M. Aleidi**, Alryel Yang, Laura J. Sharpe, Geetha Rao, Blake J. Cochran, Kerry-Anne Rye, Andrew J. Brown and Ingrid C. Gelissen (2017)." The E3 ligase HECTD1 regulates ABCA1 expression and function". BBA - Molecular and Cell Biology of Lipids Submitted, under revision.

2) **Shereen M. Aleidi**, Vicky Howe, Laura J. Sharpe, Alryel Yang, Geetha Rao, Andrew J. Brown, and Ingrid C. Gelissen (2015)." The E3 Ubiquitin Ligases, HUWE1 and NEDD4-1, Are Involved in the Post-translational Regulation of the ABCG1 and ABCG4 Lipid Transporters". J Biol Chem. 290(40): 24604-24613.

3) Laura J. Sharpe, Geetha Rao, Peter M. Jones, Elizabeth Glancey, **Shereen M. Aleidi**, Anthony M. George, Andrew J. Brown, and Ingrid C. Gelissen (2015). "Cholesterol sensing by the ABCG1 lipid transporter: Requirement of a CRAC motif in the final transmembrane domain". *Biochim Biophys Acta*. 1851(7): 956-964.

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

Conference presentations:

1) **Aleidi S.M.**, 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.

2) **Aleidi S.M.**, 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.

3) **Aleidi S.M.**, 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.

4) **Aleidi S.M.**, 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.

5) **Aleidi S.M.**, Issa.A. Bustanji Y., Khalil M. Evaluation of adiponectin serum level in Jordanian type 2 diabetic patients. In: 15th Scientific Congress of the Association of Pharmacy Colleges in the Arab World, (21st -23rd Oct. 2012), Amman, Jordan.

Conferences and workshops Attended:

Conferences:

- ASU Pharmacy Third Conference "Recent Trends in Postgraduate Research". (14-15/4/2017) Applied Science University. Amman, Jordan

- Excellence in Pharmacy Education & Research: A Quality Approach, (25-27/10/2016). The university of Jordan, Amman, Jordan.

Workshops:

- Project based learning and flipped learning workshop, (24/5/2017), The university of Jordan, Amman, Jordan.

Referees are available upon request

Updated on 27.11.2017
Dr. Shereen M. Aleidi