



DR. AMJAD ZUHIER ALROSAN

Contact details:

- Department of Clinical Pharmacy and Pharmacy Practice.
- Faculty of Pharmaceutical sciences.
- The Hashemite University.
- Zarqa-Jordan.

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EDUCATION

Aug. 2017 – Aug. 2020

PhD in Pharmacology

*Faculty of Medicine and Health
The University of Sydney
Sydney, Australia*

Thesis Title: “**Characterization of Interacting Partners of ABC Lipid Transporters**”.

Sep. 2012 – Dec. 2014

MSc. in Clinical Pharmacy

*Faculty of Pharmacy
The Jordan University of Science and
Technology
Irbid, Jordan*

Thesis Title: “**Effect of Metformin on 5-Fluorouracil-Induced Apoptosis in Colorectal Cancer**”.

Sep. 2008 – May. 2012

B.Sc. in Pharmacy

*Faculty of Pharmacy
The Jordan University of Science and
Technology
Irbid, Jordan*

Sep. 2007 – Aug. 2008

General Secondary Education Certificate Examination

*Jordan Ministry of Education
Sama Alrosan, Irbid, Jordan*

WORK EXPERIENCE

Sep. 2020 – Present

Assistant Professor of Pharmacology

*Faculty of Pharmaceutical sciences
The Hashemite University
Zarqa, Jordan*

Mar. 2018 – Mar. 2020

Emergency warden

*Faculty of Medicine and Health
The University of Sydney
Sydney, Australia*

Duties

- Securing the emergency site in a case of fire evacuation.

Aug. 2018 – Oct. 2018

Lab demonstrator

*Faculty of Medicine and Health
The University of Sydney
Sydney, Australia*

Part time (casual academic staff member)

Duties

- Demonstration in Physical Pharmaceutics and Formulation practical classes.

Jan. 2018 – Dec. 2018

Exam Invigilator

*Faculty of Medicine and Health
The University of Sydney
Sydney, Australia*

Duties

- Supervision of written exams.

AWARDS

Jun. 2019

Postgraduate Research Support Scheme (PRSS).

*Faculty of Medicine and Health
The University of Sydney
Sydney, Australia*

Grant for presenting at a national conference.

Aug. 2014

7th Scientific Day for Pharmacy

*Faculty of Postgraduate Studies
The Jordan University of Science and
Technology
Irbid, Jordan*

Ranked 2nd best presenter of master research project.

PROFESSTIONAL MEMBERSHIPS

2012 – Present Jordan Pharmaceutical Association (JPA).

2018 – 2020 Australian Society for Biochemistry and Molecular Biology (ASBMB).

2019 – 2021 Australia and New Zealand Society for Cell and Developmental Biology (ANZSCDB).

SKILLS

Research Related Skills

Professional skills in:

- Cell biology.
- Cell culture techniques.
- SDS-PAGE.
- Western Blotting.
- Co-immunoprecipitation approaches.
- Radiolabeling.
- Efflux assays.
- Data collection and interpretation.
- Statistical analysis (GraphPad Prism).

Computer Skills

Professional skills in using:

- Windows.
- Microsoft Office applications.
- Endnote.

Social Skills

Working with a team:

- Working with professional teams during master and PhD research periods in Jordan and Sydney.
- Participating in a cleaning campaign at the Dead Sea in Jordan.
- Involving in the student parliament and becoming the president of the parliament in Jordan.
- Participating in El Hassan Youth Award and getting a silver award in Jordan.

Languages

- **Arabic** (Native language).
 - **English** (Fluently spoken and written).
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TRAININGS AND WORKSHOPS ATTENDED

- Clinical Training (at various Jordanian hospitals):

- Cardiology.
- Internal.
- Oncology.

- Other trainings (at The University of Sydney):

- Tissue culture.
- Autoclave.
- Biosafety.
- Work and health safety induction.
- Chemical safety.
- Research practice.
- Radiation safety.
- PCI safety induction for teaching staff.
- Code of conduct.
- Policy framework and delegation authority.
- Achieving an equitable workplace.
- Privacy.
- Reporting wrongdoing.
- Cultural competence.
- Emergency warden.
- Consent matters.

PUBLICATIONS

Peer reviewed:

1) Yang A*, **Alrosan AZ***, Sharpe LJ, et al. Regulation of ABCG4 transporter expression by sterols and LXR ligands. *Biochimica et Biophysica acta. General Subjects*. 2021 Jan;1865(1):129769. DOI: 10.1016/j.bbagen.2020.129769.

- **First-Author contribution**

2) **Alrosan, A.**, Aleidi, S.M., Yang, A., Brown, A.J. and Gelissen, I.C. The Adaptor Protein Alix is Involved in the Interaction Between the Ubiquitin Ligase NEDD4-1 and its Targets, ABCG1 and ABCG4. *Int. J. Mol. Sci.* 2019; 20: 2714.

CONFERENCE PRESENTATIONS

1) **Alrosan A.**, Aleidi S.M., Yang A., Brown A.J. and Gelissen I.C. The Adaptor Protein Alix is Involved in the Interaction Between the Ubiquitin Ligase NEDD4-1 and its Targets, ABCG1 and ABCG4. Poster Presentation, ANZSCDB Annual General Meeting, (2nd-4th Oct, 2019), Adelaide, NSW, Australia.

2) **Amjad Z. Alrosan**, Shereen M. Aleidi, Alyel 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. Oral Presentation, Postgraduate Conference 2019, (2nd Oct, 2019), Sydney, NSW, Australia.

3) **Alrosan, A.**, Aleidi, S.M., Yang, A., Brown, A.J., Gelissen, I.C. Is Alix a cofactor/adaptor for ABCG1/ABCG4 and NEDD4-1?. Poster

Presentation, FMH 2018 Scientific Meeting, (7th Dec, 2018), Sydney, NSW, Australia.

4) **Amjad Z. Alrosan**, Shereen M. Aleidi, Alryel Yang, Andrew J. Brown and Ingrid C. Gelissen. Is Alix a cofactor/adaptor for ABCG1/ABCG4 and NEDD4-1? Poster Presentation, Postgraduate Conference 2018 (26th -27th Sep. 2018), Sydney, NSW, Australia.

5) **Alrosan, A.**, Aleidi, S.M., Yang, A., Brown, A.J., Gelissen, I.C. Is Alix a cofactor/adaptor for ABCG1/ABCG4 and NEDD4-1?. Poster Presentation, ComBio conference, (23rd -26th Sep. 2018), Sydney, NSW, Australia.

Referees are available upon request

Updated on 17.04.2021
Dr. Amjad Zuhier Alrosan