

Resume of

# Walid Zyoud

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## Objective

- To seek an employment in university teaching and research. I have a substantial Australian and overseas experience in pathology & research labs and in both public and private sectors.

## Education

- Aug 2011–July 2015: Doctor of Philosophy (Ph.D.) in Medical Sciences (Molecular Pathology) from the University of New South Wales (UNSW Australia), Medical Sciences, Faculty of Medicine. Highly competitive international scholarship included tuition fees and stipend. Research Project (thesis title): Mechanism of DNA binding of an unusual bacterial transcription regulator. I was on
- Sep 2005 – Mar 2009: Master's degree in biotechnology (course work and research) from Yarmouk University in Jordan. Research Project (thesis title) Generation and characterization of *GluzgArg* mutant *Drosophila* Dihydrofolate reductase and analysis of *Methotrexate* resistance.
- Sep 1999 – Mar 2003: Bachelor of Biotechnology & Genetic Engineering from Jordan University of Science and Technology in Jordan.

## Training Courses

- The Foundation of University Learning and Teaching (FULT) certificate (UNSW Australia) , 2013
- Australian certificate IV in Training and Assessment TAE40110, 2014
- Medical laboratory scientist in Dynamic Pathology Australia labs 3/2015-6/2015

## Employment History

**Current Position** *Casual academic for undergraduate student*

**Organisation** The University of New South Wales

**Location** School of Medical Sciences

**Date** Jan 2013 – Aug 2015

**Responsibilities**

- Demonstrating Molecular Pharmacology, Genetics, Drug Design, Medicine phase I courses.
- Tutoring Drug metabolism courses.
- Guided discussion amongst groups of 10-15 medical students to facilitate learning and understanding of block subjects like Biology, Biochemistry, Immunology, Molecular Biology and Pathology.
- Australian high school biology tutoring experience, NSW-Australia

**Position** *Medical Technologist II*

**Organisation** King Hussein Cancer Centre and Foundation (KHCC/KHCF) based in Jordan & USA

**Location** Department of Pathology and Laboratory Medicine-Section of Molecular Diagnostics and Immune-Genetics (College of American Pathologists 'CAP' accredited lab).

**Date** Aug 2010 – Aug 2011

**Responsibilities**

- DNA-based human leukocyte antigen (HLA) typing and Chimerism analysis services for the Stem Cell Transplant Program at KHCC.

- Wide range of DNA and RNA based tests for inherited genetic diseases, hematologic malignancies and infectious diseases.

**Position** *Product Manager*  
**Organisation** *(Arcomex) company for medical diagnostics (kits) manufacturing.*  
**Location** Jordan  
**Date** Sep 2008 – Aug 2010  
**Responsibilities**

- Responsible to provide the sales team with the necessary technical expertise and for reviewing product data to ensure that the field force is kept up to date
- Act as point of first reference for all product related enquiries and work collaboratively with colleagues in clinical research and regulatory bodies to address any issues that may arise.
- Design market research projects to assess customer attitudes to the current product range and new product introductions.

**Position** *Medical representative*  
**Organisation** *IPSEN, a Global Pharmaceutical & Biotechnology Specialty Care Group, based in France.*  
**Date** Jul 2006 – Sep 2008  
**Responsibilities**

- Arranging appointments with doctors, pharmacists and hospital medical teams, which may include pre-arranged appointment or regular cold calling
- Making presentations to doctors, pharmacists in the retail sector, and hospital doctors
- Keeping detailed records of all contacts and reaching annual sales targets
- Developing strategies for increasing opportunities to meet and talk to contacts in the medical and healthcare sector

**Position** *Medical Biotechnologist*  
**Organisation** Joint program between WHO-France & Central Laboratories Directorate-Jordan Ministry of Health  
**Date** Oct 2004-June2006  
**Responsibilities**

- Executed a variety of diagnostic assays including, Haematology, Serology, Biochemistry.
- Presentation of data at weekly lab meetings, biannual 'Work In Progress' seminars.
- Supervision and training of junior staff and medical sciences students.
- Assistance in the establishment of the OH&S Committee, and a subsequent role as Lab Representative.
- General laboratory duties – maintenance of stock reagents, consumables, & equipment, as well as housekeeping/cleaning etc.

## Professional memberships

- Australian Society for Biochemistry and Molecular Biology
- Australian Society for Biophysics
- The Sydney chapter - Society for Conservation Biology, USA
- Biophysical Society-USA

## Conferences and presentations

- Poster presentation at the 58th biophysical society meeting, 2014, in San Francisco the USA, Post #2516
- Oral presentation at CVR symposium held in June 2013. UNSW Australia, Lowy Cancer Centre, Level 4. Presentation title: "Biophysical studies of a transcriptional regulator".
- Abstract poster for ComBio 2012 in Adelaide, South Australia, held at Adelaide Convention Centre, from 23 to 27 Sep. poster title: Fluorescence labelling of a transcription factor for single-molecule imaging. Al-Zyoud, W., Sobey, T., Liu, D. and Boecking, T. (Australia and USA). Poster code: POS-MON-016. •Abstract poster in the Medicinal Chemistry Drug Symposium, held at the Red Centre Lecture

Theatre G001, Building H13, The University of New South Wales, 16th November 2011.

- I was one of the judges committee of the 2011 Sydney Imaging Group Symposium " Lights, Camera, and Action: Advanced fluorescence microscopy in biology". In conjunction with the Leica Scientific Forum: Roger Tsien, a chemistry noble prize (2008) winner about GFP. That was held at UNSW Australia on 27 September 2011
- 2nd Hellenic Jordanian Pathology Congress 2008.
- 1st Infectious Diseases Diagnosis of JOVAC 2008.
- Scientific Meeting of the Genetics Department at ALKHALIDI Medical Centre 2008.
- Neuromediterranee VIII Congress 2006.

## Awards

- Postgraduate Research Student Support (PRSS) Scheme funding round1/2014.
- School of Medical Sciences travel award 2013.

## Publication

- Published abstract presented as a Poster at the 58th biophysical society meeting, 2014 San Francisco-California-USA, Post #2516 (Al-Zyoud et al., 2104)  
*Small-Angle X-Ray Scattering Study for Conformational Changes of Unusual Transcription Factor at the Operator* .Walid Al-Zyoud, Rob Hynson, Anthony Duff, Thomas Sobey, Lawrence Lee, Dali Liu, Till Böcking. Biophysical Journal, Vol. 106, Issue 2, p497a .Published in issue: January 28, 2014  
[http://www.cell.com/biophysj/fulltext/S0006-3495\(13\)04038-1](http://www.cell.com/biophysj/fulltext/S0006-3495(13)04038-1)
- Collaborating with the Molecular, structural and computational biology unit at the Victor Chang Cardiac Research Institute-Lawrence Lee Lab, Australia.As a first author, the manuscript is being finalized for submission to PNAS soon. `Structural rearrangements of DNA associated with transcriptional regulation with GabR`` Walid A Al-Zyoud, Robert MG Hynson, Anthony P Duff , Daniela Stock, Alastair G Stewart, Katharina Gaus, Dali Liu , Rui Wu, Lawrence K Lee, Till Boecking

## Referees

I would respectfully request that I be allowed to advise my referees before you approach them.

- My PhD Supervisor: Dr Till Böcking  
(Group leader-Molecular machines unit at UNSW Australia)  
(Visitor researcher at Harvard medical school in Boston in the USA).
- Teaching/ demonstrating supervisor: Dr Angela M Finch (PhD).  
Lecturer & Chair of the *ASCEPT* Scientific Advisory Committee. Department of Pharmacology. School of Medical Sciences at UNSW Australia.