

Curriculum vita



Personal information:

Abu-Rayyan, Walid
walrayyan1@yahoo.com
19- Sep- 1977

Married

Current Address: Al-Zaytoonah University
Faculty of Pharmacy
Amman, Jordan

Phone : +962-6-5232947

Mobile: +962-79-0272152

Home Address: P.O Box 8615, office code 11121 Amman-Jordan
Nationality: Jordanian

Educational qualifications:

• Eberhard Karls University of Tübingen, Germany, Sep. 2011
Doctorate of philosophy in molecular microbiology.

* Thesis entitled “Structure-Function Relationship of the TEA Transcription Factor Tec1p of *Candida albicans*”.

• University of Jordan, Jordan, Graduated 2005
Master degree in analytical toxicology, with grade point average of Very Good.

* Thesis entitled “Correlation of Atherosclerotic Severity with Cadmium and Lead Concentration in Cadavers”.

• Applied Science University, Jordan, Graduated 2001
Bachelor degree in laboratory medicine with grade point average of Good.

Other qualifications

- Authorized medical laboratory manager, certified from the minister of health of Jordan 2012.
- Member of the quality control comity for 3 consecutive years at Al-Zaytoonah University.

Working experience

- Assistant professor of molecular microbiology, (Full time) 10/2011-until now
Al-Zaytoonah University, Faculty of Pharmacy, Amman, Jordan.
- Assistant professor of molecular microbiology, (Part time)
Al-Petra University, Faculty of Pharmacy, Amman, Jordan.
- Medical laboratory senior, 6/2008-9/2011
Institute of medical microbiology and hygiene, Tuebingen, Germany.
- Marketing manager 2/2006-1/2008
Johnson and Johnson, Amman, Jordan.

Teaching experience

Teaching theoretical and practical subjects of:

- Pharmaceutical Molecular Biotechnology
- Pharmaceutical Microbiology
- Clinical Biochemistry
- Biochemistry
- Physiology
- Anatomy
- Biology

Publication

- 1- Anke Burger-Kentischer, Doris Finkelmeier, Petra Keller, Jörg Bauer, Holger Eickhoff, Gerald Kleymann, **Walid Abu Rayyan**, Anurag Singh, Klaus Schröppel, Karin Lemuth, Karl-Heinz Wiesmüller, and Steffen Rupp. *A screening assay based on host-pathogen interaction models identifies a set of novel antifungal benzimidazole derivatives*. Journal of Antimicrobial Agents and Chemotherapy 2011.
- 2- Jörg Bauer, Stephan Kinast, Anke Burger-Kentischer, Doris Finkelmeier, Gerald Kleymann, **Walid Abu Rayyan**, Anurag Singh, Klaus Schröppel, Günther Jung, Karl-Heinz Wiesmüller, Steffen Rupp and Holger Eickhoff. *HTS-Identification and SAR-characterization defined (S)-2-(1-aminoisobutyl)- 1-(3-chlorobenzyl) benzimidazole as highly antimycotic non-toxic agent*. Journal of Medicinal Chemistry 2011.

3- **Walid Abu Rayyan**, Anurag Singh, Heike Michels- Neiser, and Klaus Schroeppel.

CHAM Domain of Candida albicans Tec1p Transcription Factor is essential for hyphal development. .Under process

Conferences:

- Contribution to 62nd German Society for Microbiology and Hygiene (DGHM) Conference (27-30 March 2010). Goettingen, Germany. Poster title is “CHAM Domain of *Candida albicans* Tec1p Transcription Factor is essential for hyphal development.
- Contribution to 61st (DGHM) Conference (20-22 September 2010). Hanover, Germany. Seminar title is “Analyzing CHAM Domain of the Transcription Factor Tec1p of *Candida albicans*.”

Skills:

- Excellent knowledge using molecular cloning technology.
- Excellent knowledge using immunofluorescence methods.
- Excellent knowledge using blotting technology.
- Excellent knowledge using elemental analysis instruments graphite and flame atomic absorption.
- Excellent knowledge using Column Chromatography, TLC, GC, and HPLC.
- Excellent knowledge using Separation and purification techniques.

Languages

- English, excellent written and oral communication.
- German, good written and oral communication.
- Turkish, good written and oral communication
- Arabic, native speaker.

References:

*Prof. Dr. Klaus Schroepfel,
University of Tuebingen
Medical Microbiology and Hygiene Department
Aulhorn-Elfriede strasse 6
72076 Tuebingen Germany

E-mail: klaus.schroepfel@med.uni-tuebingen.de
Phone +497071-29-82358
Fax +49 7071 29-5440

* Prof. Dr. Fredrich Goetz,
University of Tuebingen
Dept. of Microbial Genetics
Auf der Morgenstelle 28
72076 Tuebingen, Germany

E-mail: fredrich.goetz @uni-tuebingen.de
Phone +497071-29-74128
Fax +497071-29-5065

* Prof. Dr. Andreas Peschel,
University of Tübingen
Medical Microbiology and Hygiene Department
Elfriede-Aulhorn-Str. 6
72076 Tübingen, Germany

E-mail: andreas.peschel@uni-tuebingen.de
Phone: +49-(0)7071-29-81515
Fax: +49-(0)7071-29-3435

* Dr. Hasan Ahmad Ali,
University of Jordan
Pathology and Microbiology and Forensic Medicine Department
Amman-Jordan

E-mail: toxico@ju.edu.jo
Phone: +962-6-5355000-23486
Fax: +962-6-5348932