

## Curriculum Vitae for

### **Abdullah Mossa M. Alzahrani , *Ph.D.***

Biological Sciences

College of Science

King Faisal University

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## **A. Education**

August 1999 to August 2004

Ph.D. Molecular Biology

University of Denver, Denver, CO, USA

*Heterologous Expression of Drosophilid Cytochrome P450*, Doctoral  
Dissertation, University of Denver, 2004

June 1997 to June 1999

M.S. Molecular Biology

University of Denver, Denver, CO, USA

*Cloning and expression of Drosophilid Cytochrome P450*, Master Thesis,  
University of Denver, 1999

Jan 1997 to May 1997

English Language Training

University of southern Colorado, Pueblo, CO, USA

January 1996 to November 1996

English language training

University of Denver, Denver , CO, USA

October 1987 to February 1993

Bachelor of Education in Science

King Saud University, Riyadh, Saudi Arabia

## **B. Professional Experience**

Jan 2011 – Present

Chairman of the Department of Biological Sciences, King Faisal University

October 2008 to October 2010

Vice Dean Of Deanship of libraries' Affairs, King Faisal University

December 2014 – Now

Associate Professor, Biological Sciences, King Faisal University

December 2004 – November 2014

Assistant Professor, Biological Sciences, King Faisal University

April 1994 – December 2004

Teaching Assistant at Biological Sciences , King Faisal University

September 1993 – April 1994

High School Teacher of Biology

Dhahran High School, Ministry of Education, Saudi Arabia

## **C. Research Interest**

My Current research interest focus is mainly on Cytochrome P450s.

There are currently two main projects running in my lab. The first project is cloning and expression studies of insects P450s in the Red Palm Weevil. The second, is Genotyping of some human P450s in the Saudi population: CYP2C8, CYP2C9, CYP2C19, CYP2D6, and CYP3A4.

## **D. Association Membership**

- Founding and Member of the Saudi Society of Biotechnology, 2008
- Saudi Biological Society
- Colorado-Wyoming Academy of Science

## **E. SYMPOSIA & CONFERENCES ATTENDED**

- 15th International Congress of Immunology, Milan, Italy, 2013.

- Chromatin and Epigenetics, Heidelberg, Germany, 2013.
- P450 Biodiversity & Biotechnology, Torino, Italy, 2012.
- Saudi Biological Society, 27th meeting held in Jazan, Saudi Arabia, 2012.
- 17th International Conference on Cytochrome P450, Manchester, UK, 2011.
- Saudi Biological Society, 26th meeting held in Taif, Saudi Arabia, 2011.
- Saudi Biological Society, 25<sup>th</sup> meeting held in Alahsa in cooperation with King Faisal University, Hofouf, Saudi Arabia, May 2010.
- Saudi Society of Biotechnology, Al-Madinah Almunawarah, Saudi Arabia, 2009.
- Saudi Biological Society Meeting, Riyadh, Saudi Arabia, 2007.
- COLORADO-WYOMING ACADEMY OF SCIENCE, University of Southern Colorado, Pueblo, Colorado, April 2000.
- COLORADO-WYOMING ACADEMY OF SCIENCE, University of Northern Colorado, Greeley, Colorado, May 1999.

## **F. Conference Presentation**

H. Hanieh and A. Alzahrani. miR-132 suppresses autoimmune encephalomyelitis by inducing cholinergic anti-inflammation: a novel Ahr-based exploration. Proceedings of 15th ICI P.766. Milan, 2013.

Saudi and Japanese First Scientist meeting. Tokyo University of Technology, Tokyo, Japan, Jul 2012. Heterologus Expression of CYP28A1 & CYP4D10 in Transient and Stable Expression Systems.

Saudi Biological Society, 25th meeting, Hofouf, Saudi Arabia, May 2010. (Insects Cytochrome P450s) (Won best presentation award.)

COLORADO-WYOMING ACADEMY OF SCIENCE, University of Southern Colorado, Pueblo, Colorado, April 2000.

COLORADO-WYOMING ACADEMY OF SCIENCE, University of Northern Colorado, Greeley, Colorado, May 1999.

## G. Committee Membership

November 2006 — October 2007

Chair on committee of the scientific extracellular activity,  
College of science, King Faisal University

December 2004—August 2006

Chair of committee on College Budget , College of Science, King Faisal University

November—December 2004

Member of Committee of Final Exams at King Faisal university, College of Science

## H. Training

### I.

May 18-19, 2010

Academic leadership development workshop organized by the Academic Leadership Center. Hofouf, Saudi Arabia

November 5-12, 2009

Program of Research Training, University of Southampton, Southampton, UK

## J. Selected Publication

- 1- TITLE: Isolation of a novel CYP6-like cytochrome P450 from *Drosophila melanogaster*  
<http://www.ncbi.nlm.nih.gov/genbank/>  
  
**Accession Number: AF083946.1**
- 2- TITLE: Isolation of a novel CYP9 cytochrome P450 from *Drosophila mettleri*  
<http://www.ncbi.nlm.nih.gov/genbank/>  
  
**Accession Number: AF083947.1**
- 3- Heterologous Expression of Drosophilid Cytochrome P450, Doctoral Dissertation, University of Denver, 2004.
- 4- Cloning and expression of Drosophilid Cytochrome P450, Master Thesis, University of Denver, 1999.
- 5- Alzahrani, A. M; 2009. Insects Cytochrome P450 Enzymes: Evolution, Functions, and Methods of Analysis. *Global Journal of Molecular Sciences*. 4(2):167-179.
- 6- Alzahrani, A. M. and Gherbawy, Y. A. 2011. Antibiotic resistance in Escherichia coli strains isolated from water springs in Al-Ahsa Region. *Afr. J. Microbiol. Res.* 5(2): 123-130.

- 7- Alzahrani, A. M ; Fathi, A. A; Youssef, M. M. 2011. "دراسات فسيولوجية و كيميائية على استجابة السلالة المقاومة والبرية لطحلب كلوريفلا فولجارس تحت تأثير الإجهاد بالنحاس"  
"Physiological and biochemical studies on response of tolerant and wild type strains of *Chlorella vulgaris* under copper stress. *Science Journal of KAU*. 23(1):167-179.
- 8- Abdullah M. Alzahrani, Georgia Ragia, Hamza Hanieh, and Vangelis G. Manolopoulos, "Genotyping of *CYP2C9* and *VKORC1* in the Arabic Population of Al-Ahsa, Saudi Arabia," *BioMed Research International*, vol. 2013, Article ID 315980, 6 pages, 2013. doi:10.1155/2013/315980.
- 9- Hamza HANIEH, Abdullah ALZHRANI. MicroRNA-132 suppresses autoimmune encephalomyelitis by inducing cholinergic anti-inflammation: a new Ahr-based exploration. *European Journal of Immunology*. doi: 10.1002/eji.201343486. June/2013.

#### **OTHER:**

- 1- Hanieh Hamza and Alzahrani Abdullah. MicroRNAs—the missing link between aryl hydrocarbon receptor and autoimmunity. *European Journal of Immunology*-In This Issue. Invited contribution to be published in October 2013.
- 2- H. Hanieh and A. Alzahrani. miR-132 suppresses autoimmune encephalomyelitis by inducing cholinergic anti-inflammation: a novel Ahr-based exploration. *Proceedings of 15th ICI* P.766.
- 3- Mohamed M. Azooz, Abdullah M. Alzahrani and Magdy M. Youssef. 2013. The potential role of seed priming with ascorbic acid and nicotinamide and their interactions to enhance salt tolerance in broad bean (*Vicia faba* L.). *Australian Journal of Crop Science*, 7 (13) 2091-2100.

#### **Books:**

- 1- Abdullah M. Alzahrani. 2013. "PCR Troubleshooting, The Essential Guide," Altshuler, Michael L.; Caister Academic Press; 2004. Translation to Arabic. In press.