

# Curriculum Vitae

## (A) Personal and contacts

**Name:** *Mohammad Ahmad Bani Ahmad*

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## (B) Education:

**2005 – 2009** **Doctor of Science (D.Sc.)**  
**University of Kentucky, KY, USA**  
Major: Clinical Sciences / Hematology and Transplantation Sciences

**2001 – 2004** **Master of Science (M.Sc.)**  
**Jordan University of Science and Technology, Irbid, Jordan**  
Major: Medical Laboratory Sciences / Hematology and Blood Banking.

**1996 – 2001** **Bachelor of Science (B.Sc.)**  
**Jordan University of Science and Technology, Irbid, Jordan**  
Major: Medical Laboratory Sciences.

## (C) Experience

- **September 2009 – Now**  
**Assistant professor**  
Department of medical laboratory sciences  
Faculty of applied medical sciences  
Jordan University of Science and Technology (JUST) Irbid, Jordan
- **February 2006 – August 2008**  
**Research assistant**  
Department of clinical sciences  
College of health sciences  
University of Kentucky, Lexington, KY, USA

- **February 2004 – June 2005**  
**Full-time laboratory instructor (Hematology and Blood banking laboratories):**  
Department of medical laboratory sciences  
Faculty of applied medical sciences  
Jordan University of Science and Technology (JUST) Irbid, Jordan
- **October 2003 – January 2004**  
**Part-time laboratory technician (Hematology and Blood banking laboratories)**  
Department of medical laboratory sciences  
Faculty of applied medical sciences  
Jordan University of Science and Technology (JUST) Irbid, Jordan
- **December 2000 – June 2001**  
**Practical training at medical institutes:** A one-year training period ( a B.Sc. requirement) with rotation in different diagnostic laboratory divisions (Hematology, Microbiology, clinical chemistry, microscopical analysis, serology and endocrinology) of the following institutions

#### (D) Publications

- Muhammed Al-Jarrah, **Mohammed Bani Ahmad**, Mikhled Maayah, Ahed Al-Khatib. Effect of Exercise Training on the Expression of p53 and iNOS in the Cardiac Muscle of Type I Diabetic Rats. *J Endocrinol Metab* (Accepted)
- Khabour OF, **Bani-Ahmad MA**, Hammash NM. Association between polymorphisms in erythropoietin gene and upper limit haematocrit levels among regular blood donors. *Transfus Clin Biol.* 2012 19(6):353-7.
- Khabour OF, Alzoubi KH, **Bani-Ahmad M**, Dodin A, Eissenberg T, Shihadeh A. Acute exposure to waterpipe tobacco smoke induces changes in the oxidative and inflammatory markers in mouse lung. *Inhal Toxicol.* 2012 Aug;24 (10):667-75.
- **Bani-Ahmad M**, El-Amouri IS, Tang-Feldman Y, Lin F, Ko C, Pomeroy C, Oakley OR. Role of Decay Accelerating Factor (DAF/CD55) in the immunopathogenesis of murine cytomegalovirus (MCMV). *Clin Exp Immunol.* 2011 Feb;163(2):199-206.
- El-Amouri IS, **Bani-Ahmad M**, Tang-Feldman Y, Lin F, Ko C, Pomeroy C, Oakley OR. *Increased morbidity and mortality in murine cytomegalovirus-infected mice following allogeneic bone marrow transplant is associated with reduced surface decay accelerating factor expression.* *Clin Exp Immunol.* 2010 Nov;162(2):379-91.
- Inayat MS, El-Amouri IS, **Bani-Ahmad M**, Elford HL, Gallicchio VS, Oakley OR. *Inhibition of allogeneic inflammatory responses by the Ribonucleotide Reductase Inhibitors, Didox and Trimidox.* *J Inflamm (Lond).* 2010 Aug 18;7:43.
- Oakley OR, Kim H, El-Amouri I, Lin PC, Cho J, **Bani-Ahmad M**, Ko C. *Periovulatory leukocyte infiltration in the rat ovary.* *Endocrinology.* 2010 Sep;151(9):4551-9.

## (E) Conferences

- **35<sup>th</sup> Annual Autumn Immunology Conference 2006, Chicago, IL, USA.**

**Mohammad Bani Ahmad**, Chemyong Ko, Feng Lin, Ismail El-Amouri, Oliver R. Oakley. Decay accelerating factor and murine cytomegalovirus: scenario of latency. (Poster and Presentation),

Ismail El-Amouri, **Mohammad Bani Ahmad**, Chemyong Ko, Oliver R. Oakley. Murine cytomegalovirus induced interstitial pneumonitis following bone marrow transplantation: the way to understand it (Poster).

- **36<sup>th</sup> Annual Autumn Immunology Conference 2007, Chicago, IL, USA.**

**Mohammad Bani Ahmad**, Chemyong Ko, Feng Lin, Ismail El-Amouri, Oliver R. Oakley. The role of decay accelerating factor in the immunopathogenesis of murine cytomegalovirus (Poster and Presentation).

Ismail El-Amouri, **Mohammad Bani Ahmad**, Chemyong Ko, Oliver R. Oakley. The role of decay accelerating factor (DAF) and murine cytomegalovirus (MCMV) in bone marrow transplantation (Poster).

- **37<sup>th</sup> Annual Autumn Immunology Conference 2008, Chicago, IL, USA.**

**Mohammad Bani Ahmad**, Chemyong Ko, Feng Lin, Ismail El-Amouri, Oliver R. Oakley. Murine cytomegalovirus reduces surface expression of decay accelerating factor on the surface of host cells as an immunoevasion strategy (Poster and Presentation).

Ismail El-Amouri, **Mohammad Bani Ahmad**, Chemyong Ko, Oliver R. Oakley. Bone marrow transplantation and murine cytomegalovirus: the way to look at it (Poster).

- **34<sup>th</sup> International Society of Blood Transfusion ISBT conference 2016, Dubai, UAE**

**Mohammad A. Bani-Ahmad**, Ayman M. Abu-Awad, Ghaida Rahemi. Ischemia-reperfusion mediated cardiac damage as a complication of blood transfusion among  $\beta$ -thalassemia patients

## (F) Awards

- **M.S. Rawlins award** (Fall 2008/2009)  
College of Health Sciences, University of Kentucky, Lexington, KY
- **Rock-Castle award** (Fall 2008/2009)  
Graduate School, University of Kentucky, Lexington, KY

- **M. S. Rawlins award** (Spring 2007/2008)

College of Health Sciences, University of Kentucky, Lexington, KY

#### **(G) Workshops:**

- **Statistical Package for social sciences (SPSS)**
  - Academic development center Jordan University of Science and Technology
  - Date: Thursday (Jul 6<sup>th</sup>, 2010) and Wednesday (Jul 7<sup>th</sup>, 2010)
- **Statistical analysis in scientific research and examination**
  - Academic development center Jordan University of Science and Technology
  - Date: Wednesday (Oct 28<sup>th</sup>, 2010) and Thursday (Oct 29<sup>th</sup>, 2010)

#### **(H) Activities**

- **Free medical day (February 13, 2010)**
  - Organized by Deer-abo-Saeed district in.
  - Nature of participation: Laboratory team that was responsible for performing laboratory examination for patients

#### **(I) Skills**

- Language
  - Arabic: Excellent
  - English: Excellent
- Computer skills
  - Computers and operating systems (Windows)
  - Microsoft office:
    - WinWord and PowerPoint (excellent).
    - Excel and Access (Very good)
  - Adobe Photoshop (Very good)
  - SPSS (Very good)
  - Computer hardware and technical knowledge (Very good)