

CURRICULUM VITAE

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1. Personal Data

Date of Birth: 10th of September, 1977

Nationality: Jordanian, Canadian

2. Education

- Ph.D. (Human Physiology) 2015, University Alberta, Edmonton, Alberta, Canada
- M.Sc. (Applied Biological Sciences- Human Genetics and Molecular Biology) 2002, Jordan University of Science and Technology, Irbid, Jordan
- B.Sc. (Applied Biological Sciences- Human Genetics and Molecular Biology) 1999, Jordan University of Science and Technology, Irbid, Jordan

3. Ph.D. Dissertation

The physiological role of kidney Anion Exchanger1 (kAE1) interaction with Adaptor proteins 1 A/B. Department of Physiology. University of Alberta, Edmonton, Canada.

4. Employment

Academic Positions



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- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan, Sep 9, 2018 – Present

Administrative Positions

- Not Applicable

5. Research Interests

- The molecular and environmental causes of Kidney stones
- The effect of different types of smoking on the p53 gene
- Characterization of genetic disorders resulted from mutations in membrane proteins specifically Anion Exchangers protein family
- Distal Renal Tubular Acidosis disease (dRTA)
- Anion Exchangers proteins expression in cancer

6. Membership in Scientific Societies and Associations

- Canadian Society of Biochemistry, Molecular and Cellular Biology (CSMB)
- World Congress of Nephrology (WCN)
- International Society of Nephrology (ISN)
- American Society of Nephrology (ASN)
- Golden Key International Honors Society membership

7. Honors and Awards

- Global Edmonton Women of Vision award, Feb, 2014, **1000 \$**
- Faculty of Medicine and Dentistry 75th Anniversary Graduate Student award, **2013, 7000 \$**
- GSA Professional development Award (to participate to the ASN annual meeting), **2013, Alberta Canada, 500 \$**

8. Fellowships and Scholarships

- Women's and Children's Health Research Institute (WCHRI) graduate student award, **2011-12, 2012-13, Alberta Canada, 35000 \$**
- Jordan University of Science and Technology (JUST) graduate students scholarship, **1999-2002, Jordan, 15000 \$**
- Majestic honor award for Bachelor degree. Awarded by Government of Jordan for outstanding students, **1995-1999, 10000 \$**



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9. Teaching Experience

- **Graduate Courses**

None

- **Undergraduate Courses**

1. Human Physiology 1, School of Pharmacy, Alzaytoonah University, Jordan
2. Human Physiology 2, School of Pharmacy, Alzaytoonah University, Jordan
3. Human Physiology Lab, School of Pharmacy, Alzaytoonah University, Jordan
4. General Biology, School of Pharmacy, Alzaytoonah University, Jordan
5. General Biochemistry and Molecular Biology lab, Schools of Medicine, Jordan University of Science and Technology, Jordan
6. Molecular Biology and Cytogenetic lab, School of Applied Medical Sciences, Jordan University of Science and Technology, Jordan
7. General biology lab, Applied Biology, Jordan University of Science and Technology, Jordan

10. Supervision of Graduate Research

- Not Applicable

11. Grants

- Not Applicable

12. Patents

- Not Applicable

13. Membership of Committees

- **National and International:**

- *Canadian society of biochemistry, molecular and cellular biology (CSMB)*
- *World Congress of Nephrology (WCN)*
- *International Society of Nephrology (ISN)*
- *American Society of Nephrology (ASN)*

- **University:**

- The Scientific research and conferences committee
- The Quality Assurance Standards for Pharmacy Program



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- *The cultural, social and sport activities, safety, environment and community services Committee, a Faculty committee*

14. Professional and Scientific Meetings

Scientific Meetings Organized

- Not Applicable

Participation in Scientific meetings

- **The 7th international Pharmaceutical Conference (ZTIPC 06-07 November 2019)**, Amman, Jordan
- **The 5th Middle East Molecular Biology Congress and Exhibition 2018**, Oct 3-6 2018, Dead Sea, Jordan
- **American Society of Nephrology (ASN)**, Nov 5-10, 2013, Atlanta, Georgia, USA
- **International Research Training Group (IRTG) Jasper Symposium**, Aug 27-30, 2012, Jasper, Alberta, Canada
- **World congress of nephrology (WCN)**, 8-12 April 2011, Vancouver, Canada
- **53rd Annual Meeting of the Canadian Society for Biochemistry, Molecular and Cellular Biology (CSMB) Membrane Proteins in Health and Disease**. April 15-18, 2010 Banff Conference Centre Banff, Alberta, Canada

15. Participation in or organization of curricular and/or extra-curricular activities

- Not Applicable

16. Publications

- Papers in refereed journals:

1. Shahid Ullah AKM, Carly Rumley A., Peleh V., Fernandes D., **Almomani EY**, Berrini M. Lashhab R., Touret N., Todd Alexander R., Herrmann JM, Cordat E., "SLC26A7 protein is a chloride/bicarbonate exchanger and its abundance is osmolarity- and pH-dependent in renal epithelial cells", Submission no. BBAMEM-19-474, *BBA Biomembranes*, Dec 18, 2019
2. **Almomani EY**, Touret N, Cordat E, "Adaptor protein 1 B mu subunit doesn't contribute to the recycling of kidney Anion Exchanger 1 protein in Polarized Renal Epithelial Cells" *Molecular Membrane Biology*, Mar 5th 2018.



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3. **Almomani EY**, Lashhab R, Alexander RT, Cordat E “The carboxyl-terminally truncated kidney anion exchanger 1 R901X dRTA mutant is unstable at the plasma membrane”. *Am J Physiol Cell Physiol* 310:C764-C772, 2016
4. Cordat, E., **Almomani, EY**, Jung, M., Zimmermann, R. & Alexander, R. “Recycling of The Kidney Anion Exchanger 1 Is Regulated by Adaptor Protein Complex 1B”. *The FASEB Journal* 29, 2015.
5. **Almomani EY**, Kaur S, Alexander RT, Cordat E “Intercalated Cells: More than pH Regulation” *Disease*. 2014 April 2(2), 71-92
6. **Almomani EY**, King JC, Netsawang J, Yenchitsomanus PT, Malasit P, Limjindaporn T, Alexander RT, Cordat E “Adaptor protein 1 complexes regulate intracellular trafficking of the kidney anion exchanger 1 in epithelial cells” *Am J Physiol Cell Physiol*. 2012 Jun, 303:C554-C566
7. **Almomani EY**, Chu CY, Cordat E. "Mis-trafficking of bicarbonate transporters: implications to human diseases". *Biochem Cell Biol*. 2011 Apr; 89 (2): 157-77.
8. Nimri LF, Owais W, **Almomani EY**. "Detection of P53 gene mutations and serum p53 antibodies associated with cigarette smoking". 2003 Aug. NCBI, Accession no. AY359814.1

- Books and Book Chapters:

- Not Applicable

- Conference Presentations:

1. **Almomani, E.Y.** Cordat E. *The Physiological Role of Adaptor Protein 1B (AP-1B) on the Surface Trafficking of Kidney Anion Exchanger 1 (kAE1)*, American Society of Nephrology (ASN), 6-10 Nov 2013, Atlanta, Georgia, USA
2. **Almomani E.Y.**, Netsawang J., King J., Schu P., Yenchitsomanus P., Malasit P. Limjindaporn T., Todd Alexander R., Cordat E., *Stability and intracellular trafficking of the kidney anion exchanger 1 are regulated by AP-1A adaptin in renal epithelial cells*. World congress of nephrology (WCN), 8-12 April 2011, Vancouver, Canada
3. **Almomani E.Y.**, Netsawang J, Sawasdee N, Limjindaporn T., Yenchitsomanus P., Cordat E. *Characterizing the Role of Adaptor Protein 1A in the Basolateral Targeting of kAE1*. 53rd Annual Meeting of the Canadian Society of Biochemistry, Molecular and Cellular Biology, *Biochem Cell Biol*, Volume 89, Number 2, April 2011, pp. 83-84(2)
4. **Almomani E.Y.**, King J.,C, Netsawang J., Yenchitsomanus P.T., Malasit P., Limjindaporn T., Alexander R.T., Cordat E. *Adaptor protein 1 complexes regulate intracellular trafficking of the kidney anion exchanger 1 in epithelial cells*, 21st Annual Physiology Research Day, Mar 21, 2013

- Reports



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- Not Applicable