

CURRICULUM VITAE

Full name

Department/Faculty: Pharmacy

*University, City, Jordan: Al-Zaytoonah University Of Jordan,
Amman- Jordan*

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Homepage:



1. Personal Data

Date of Birth: August 29th 1969
Nationality: Canadian / Jordanian

2. Education

- Ph.D. (Physiology) 2015, University Of Alberta, Edmonton, Alberta, Canada
- M.Sc. (Physiology) 1994, University Of Sindh , Hyderabad, Sindh, Pakistan
- B.Sc. (Physiology) 1992, University Of Sindh , Hyderabad, Sindh, Pakistan

3. Ph.D. Dissertation

*Title of Dissertation: CLIC5A Dependent Regulation of ERM Proteins
Phosphorylation*
University Of Alberta
Faculty Of Medicine
Department Of Physiology
Edmonton, Alberta, Canada



QF11/0110 - 3.0E

Curriculum Vitae Form - Procedures of Faculty Transfer and Promotion

Employment

Academic Positions

- Assistant Professor, Pharmacy , Al-Zaytoonah University Of Jordan, Amman-Jordan, September 16 2018 –Present
- Graduate Assistant, Physiology- Faculty Of Medicine, University Of Alberta, Edmonton, Alberta, Canada, September 2008 – January 2015
- Teaching Assistant, Department Of Biology, University Of Jordan, Amman, Jordan, March 1996- September 2008

Administrative Positions

- Dean, Faculty, University, City, Country – N/A
- Assistant Dean, Faculty, University, City, Country - N/A
- Chairman of Department, Faculty, University, City, Country - N/A
- Assistant Dean, Faculty, University, City, Country - N/A
- Director, Center for xxxxxx, University, City, Country -N/A

4. Research Interest

5. **Cellular And Molecular Physiology, Molecular basis of diseases, Cell signaling and the role of post-translational modification (Phosphorylation) in cancer.**

6. Membership in Scientific Societies and Associations

7. Honors and Awards

- | | |
|------------|---|
| May 2015 | Best Published article
Department of Medicine Research Day
University of Alberta – Edmonton – Canada |
| May 2014 | Best Oral Presentation Award
Signal Transduction Research Group (STRG) Annual Retreat
University of Alberta – Edmonton – Canada |
| March 2014 | Best Poster Presentation Award (3rd Position)
Physiology department Research Day
University of Alberta – Edmonton – Canada |
| June 2013 | Travel award from faculty of graduate studies and research (FGSR) |



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Travel award from graduate students association (GSA)
Travel award from Physiology department

- May 2012 Best Oral Presentation Award
Signal Transduction Research Group (STRG) Annual Retreat
University of Alberta – Edmonton – Canada
- May 2010 Best Oral Presentation Award
Signal Transduction Research Group (STRG) Annual Retreat
University of Alberta – Edmonton – Canada

8. Fellowships and Scholarships

- 1989 – 1994 Scholarship in Physiology
University Of Sindh-Pakistan
Ministry of Higher Education, Amman-Jordan
- 2008 – 2015 Ph.D. Scholarship in Physiology
University Of Alberta-Canada

9. Teaching Experience

- *Graduate Courses*

N/A

- *Undergraduate Courses*

General Biology
Physiology for Nursing

10. Supervision of Graduate Research

N/A

11. Grants

N/A

12. Patents

N/A



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13. Membership of Committees

1. Member of **Signal Transduction Research Group (STRG)** – Faculty of Medicine - University of Alberta
2. Member of **Nephrology Research Group** – Faculty of Medicine – University of Alberta

14. Professional and Scientific Meetings*Scientific Meetings Organized*

N/A

Participation in Scientific meetings➤ **Poster Presentations In International Conferences:**

1. American Society of Nephrology (ASN) Annual Meeting, Nov- 2015 held in San Diego – CA- USA.
2. American Society of Nephrology (ASN) Annual Meeting, Nov- 2013 held in GA- USA
3. World Congress of Nephrology (WCN) Meeting, June-2013 held in Hong Kong- China
4. American Society of Nephrology (ASN) Annual Meeting, Nov- 2011 held in PA- USA.
5. American Society of Nephrology (ASN) Annual Meeting, Nov- 2009 held in San Diego – CA- USA.
6. American society of cell biology (ASCB) Annual Meeting, Dec- 2009 held in San Diego- CA- USA.
7. Western Canada Kidney Symposium, Oct- 2008 held in University of Calgary, Calgary- Alberta-Canada.

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

N/A



16. Publications

Peer Reviewed Articles

1. Erwan Beauchamp, Megan C. Yap, Aishwarya Iyer, Maneka A. Perinpanayagam, Krista Vincent, **Abass M. Al-Momany**, Ryan J. Heit, Jacky Y.W. Sim, Raymond Lai, Wei-feng Dong, Manikandan Lakshmanan, Anandhkumar Raju, Vinay Tergaonkar, Soo Yong Tan, Soon Thye Lim, Lynne M. Postovit, Kevin D. Read, David W. Gray, Paul G. Wyatt, John R. Mackey & Luc G. Berthiaume.
Targeting N-myristoylation in B cell lymphomas as a therapeutic strategy.
Submitted to Clinical Cancer Research
2. **Abass Al-Momany**, Li L, Alexander RT, Ballermann BJ.
Clustered PI(4,5)P2 accumulation and ezrin phosphorylation in response to CLIC5A.
J Cell Sci. 2014 Dec 15; 127(24):5164-78. Impact Factor: 5.432
3. Wegner B, **Abass al-Momany**, Kulak SC, Kozlowski K, Obeidat M, Jahroudi N, Paes J Berryman M, Ballermann BJ.
CLIC5A, a component of the ezrin-podocalyxin complex in glomeruli, is a determinant of podocyte integrity.
Am J Physiol- Renal Physiol. 2010 Jun; 298(6):F1492-503. Impact Factor: 3.792
4. Mahtab Tavasoli, Laiji Li, **Abass Al-Momany**, Lin-fu Zhu, Benjamin Alexander Adam, Zhixiang Wang, and Barbara J. Ballermann, M.D.
CLIC5A stimulates Rac1-dependant Pak and ERM protein activation, protecting against hypertension-induced glomerular injury. *Kidney Int. 2016 Apr; 89(4):833-47. Impact Factor: 8.563*
5. Mahtab Tavasoli., **Abass Al-Momany**., Xin Wang., Laiji Li., John C. Edwards and Barbara J. Ballermann.
Both CLIC4 and CLIC5A activate ERM Proteins in Glomerular Endothelium (2016).
Am J Physiol Renal Physiol. 2016 Nov 1; 311(5):F945-F957

Reviewed Abstracts in International Conferences

1. **Abass Al-momany**, Laiji Li, Barbara J. Ballermann.
ERM protein activation by CLIC4 in Glomerular Endothelial Cells. Presented at ASN Annual Meeting 2015 held in San Diego-USA
2. **Abass Al-momany**, Laiji Li, Barbara J. Ballermann.



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Mechanism of CLIC5A-Mediated Ezrin Phosphorylation. Presented at ASN Annual Meeting 2013 held in GA-USA

3. **Abass Al-Momany**, Laiji Li, and Barbara Ballermann,
CLIC5A Maintains Ezrin-Dependent Podocyte Structure and Function by Enhancing Ezrin Phosphorylation and Association with Actin Cytoskeleton. Presented at World Congress of Nephrology Meeting- June-2013 held in Hong Kong-China
4. **Abass Al-Momany**, Laiji Li, and Barbara Ballermann.
CLIC5A Enhances Ezrin Phosphorylation and Association with the Actin Cytoskeleton. Presented at ASN Annual Meeting 2011 held in PA-USA
5. Yimin Zhang, **Abass Al-Momany**, Laiji Li, & Barbara Ballermann.
Glomerular Dysfunction in Diabetic CLIC5A Deficient Mice. Presented in ASN 2011 held in PA-USA
6. **Abass M. Al-Momany**, Steven C. Kulak, Kathy Kozlowski, Barbara J. Ballermann.
CLIC5A Is Required for Ezrin-Dependent Maintenance of Podocyte Ultrastructure. Presented in ASN Annual Meeting 2009 held in San Diego-USA
7. **Abass Al-Momany**, S. C. Kulak, K. Kozlowski, L. Li, B. J. Ballermann.

CLIC5A Maintains the Ezrin-Dependent Podocyte Architecture. Presented in ASCB Annual Meeting 2009 held in San Diego-USA