

CURRICULUM VITAE

Full name: Abbas Mohd Al-Momany

Department/Faculty: Pharmacy

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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

CLIC5A Dependent Regulation of ERM Proteins Phosphorylation

University Of Alberta, Faculty Of Medicine, Department Of Physiology, Edmonton, Alberta, Canada



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

5. Research Interests

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

7. Membership in Scientific Societies and Associations

8. 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 |



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June 2013	Travel award from faculty of graduate studies and research (FGSR) Travel award from graduate students association (GSA) Travel award from Physiology department University of Alberta – Edmonton – Canada
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

9. 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*

List names of course

- *Undergraduate Courses*

General Biology

Physiology for Nursing

Physiology-1 for Pharmacy students

Physiology-2 for Pharmacy students



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10. Supervision of Graduate Research

Provide numbered list with the name of student, title of thesis, year

11. Grants

Provide a detailed list containing the project name, year of grant, grantor organization, and grant amount

12. Patents

Cite a patent as follows: Author's last name, author's first name. "Name of Patent." Patent number. Date the patent was issued (date month, year).

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***

Provide bulleted or numbered list with name of conference or symposium or workshop etc., place, and date

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

1. American Association for Cancer research (AACR), Annual Meeting 2019; March 29-April 3, 2019; Atlanta, GA-USA
2. American Society of Nephrology (ASN) Annual Meeting, Nov- 2015 held in San Diego – CA- USA.
3. American Society of Nephrology (ASN) Annual Meeting, Nov- 2013 held in GA-USA
4. World Congress of Nephrology (WCN) Meeting, June-2013 held in Hong Kong-China.
5. American Society of Nephrology (ASN) Annual Meeting, Nov- 2011 held in PA-USA.
6. American Society of Nephrology (ASN) Annual Meeting, Nov- 2009 held in San Diego – CA- USA.
7. American society of cell biology (ASCB) Annual Meeting, Dec- 2009 held in San Diego- CA- USA.
8. 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

Provide bulleted or numbered list with name, place, date of event and other relevant details

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. John R. Mackey, Erwan Beauchamp, Megan C. Yap, Aishwarya Iyer, Maneka A. Perinpanayagam, Krista M. Vincent, **Abass M. Al-Momany**, Ryan J. Heit, Jacky Y. 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, Luc G. Berthiaume. *Targeting N-myristoylation in B cell lymphomas as a therapeutic strategy* [abstract]. In: Proceedings of the American Association for Cancer Research Annual Meeting 2019; 2019 Mar 29-Apr 3; Atlanta, GA. Philadelphia (PA): AACR; Cancer Res 2019; 79(13 Suppl):Abstract nr 3046.



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2. **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
3. **Abass Al-momany**, Laiji Li, Barbara J. Ballermann. *Mechanism of CLIC5A-Mediated Ezrin Phosphorylation*. Presented at ASN Annual Meeting 2013 held in GA-USA
4. **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
5. **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
6. Yimin Zhang, **Abass Al-Momany**, Laiji Li, & Barbara Ballermann. *Glomerular Dysfunction in Diabetic CLIC5A Deficient Mice*. Presented in ASN 2011 held in PA-USA
7. **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
8. **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