

Dr. Nat. Med. Arwa Ishaq A. Khayyat

Assistant professor, Biochemistry Department, King Saud University, Riyadh

E-mail: aalkhyyat@ksu.edu.sa

aalkhyyat@hotmail.com

Mobile: +966-501247922

POSITIONS HELD

<i>Assistant professor</i>	Biochemistry Department, King Saud University, Riyadh 2020
<i>Lecturer</i>	Biochemistry Department, King Saud University, Riyadh 2011
<i>Research Assistant</i>	Asthma research chair, College of Medicine, King Saud University 2009
<i>Administrator</i>	Biochemistry Department, King Saud University, Riyadh 2008
<i>Administrator</i>	Medical education culture, Riyadh University, 2007

ACADEMIC QUALIFICATIONS:

PhD (Dr. nat. med) Genetics and Molecular Biology

PhD Title "*Genomic and molecular investigations of a large Pakistani family manifesting syndromic intellectual disability associated with microcephaly*"

Institute of Biochemistry- College of Medicine –(IPMM) Interdisciplinary Program Molecular Medicine at the **University and Hospital of Cologne , Cologne, Germany 2015-2020**

MSc. General Biochemistry and Molecular Biology

Master Title "*Screening for Genetic Variants of IL- and ADAM33 Genes in a Sample from Asthmatic Saudi Children in Riyadh*"

institute of Biochemistry - College of Science, **King Saud University, Riyadh, 006-2010**

BSc General Biochemistry

Biochemistry Department - College of Science, **King Saud University, Riyadh, 2005-2006**

TRAINING EXPERIENCE

Al-Noor Specialist hospital Makkah (general analyzed lab: Hematology, Histopathology, Endocrinology, and clinical Biochemistry 2006

AFFILIATIONS/MEMBERSHIPS

Saudi Thoracic Society membership

PUBLICATION

- Emrah Kaygusuz, **Arwa Ishaq A. Khayyat**, Uzma Abdullah, Birgit Budde, Maria Asif, Ilyas Ahmed, Ehtisham Ul Haq Makhdoom, Ilknur Sur, Muhammad Mohsin Ali Khan, Maria Iqbal, Muhammad Jameel, Muhammad Sher, Muhammad Tariq, Naveed Altaf Malik, Angelika A Noegel, Muhammad Jawad Hassan, Wasim Ahmad, Sigrid Tinschert, Ludwig Eichinger, Stefan Höning, Shahid Mahmood Baig, Peter Nürnberg, Muhammad Sajid Hussain. ***A 24-generation-old founder mutation impairs splicing of RBBP8 in Pakistani families affected with Jawad syndrome.*** Clinical Genetics. 2021;1–3.
- Daniela A Braun, Svjetlana Lovric , David Schapiro, Ronen Schneider, Jonathan Marquez, Maria Asif, Muhammad Sajid Hussain, Ankana Daga, Eugen Widmeie, Jia Rao, Shazia Ashraf, Weizhen Tan, C Patrick Lusk, Amy Kolb, Tilman Jobst-Schwan, Johanna Magdalena Schmidt, Charlotte A Hoogstraten, Kaitlyn Eddy, Thomas M Kitzler, Shirlee Shril, Abubakar Moawia, Kathrin Schrage, **Arwa Ishaq A Khayyat** et al. ***Mutations in multiple components of the nuclear pore complex cause nephrotic syndrome:*** J Clin Invest. Oct 1;128(10):4313-4328. doi: 10.1172/JCI98688. Epub 2018 Sep 4
- **Arwa Ishaq Al-Khayyat**, Mohammed Al-Anazi,ab Arjumand Warsy, Alejandro Vazquez-Tellob Abdullah Mohammed Alamri, Rabih Halwani, Abdullah Alangari, Abdurrahman Al-Frayh, Qutayba Hamid, Saleh Al-Muhsen. ***T1 and T2 ADAM33 single nucleotide polymorphisms and the risk of childhood asthma in a Saudi Arabian population: a pilot study.*** Ann Saudi Med. Ann Saudi Med 2012; 32-479-486

PAPERS PRESENTED IN CONFERENCES / SYMPOSIUMS

European Human Genetics 2021, Virtual Conference	2021
European Human Genetics -Gothenburg, Sweden 2019	2019
CROSSROADS INBIOLOGY, 7th International Symposium, Cologne, Germany	2019
1st Bonn-Köln Neuroscience Symposium, Bonn, Germany	2019

35th Ernst Klenk Symposium in Molecular Medicine Rare Diseases: From mechanisms to therapy and beyond-Cologne-Germany	2019
2nd Cologne Neuroscience Day	2018
34th Ernst Klenk Symposium in Molecular Medicine Epigenetics: Basic principles and clinical applications-Cologne-Germany	2018
33rd Ernst Klenk Symposium in Molecular Medicine Tissue regeneration, wound healing, and fibrosis: Translating basic concepts into regenerative therapy- Cologne-Germany	2017
32nd Ernst Klenk Symposium in Molecular Medicine Precision oncology: Translating basic discoveries into patient survival- Cologne-Germany	2016
3ed day of research in research center, King Saud University, female section, Saudi Arabia,Riyadh	2011
First Scientific Conference of Research Immunology and 2ed meeting of Asthma Research Chair, King Saud University, Saudi Arabia	2010
Gulf thoracic Abu Dhabi 2010 Conference, Saudi Thoracic Society, Emirates Allergy and Respiratory Society, American College of Chest Physicians, USE, Abu Dhabi	2010
Asthma Day in the College of Medicine, King Saud University, Saudi Arabia, Riyadh	2009
The 7th Annual Scientific Conference of the Saudi Thoracic Society and the 8th Annual Asthma Meeting, jointly with the 1st Asthma Chair Scientific Symposium, Saudi Arabia, Riyadh	2009
First Preparatory Scientific Conference for Students of Higher Education, King Saud University, Saudi Arabia, Riyadh	2009
First Scientific Meeting Between Youth Researchers and Postgraduate Students at king Saudi University, Saudi Arabia, Riyadh	2008

AWARDS

Abu Dhabi Award for the Conference of the Gulf of Medicine and Thoracic Surgery	2010
Outstanding student in Professional and Continuing Education International and English Language Programs of University of Washington	2012

SPECIAL THANKS LETTERS

Thanks letter from president of King Saud University Dr. Abdullah A. Al-Othman, Riyadh

Thanks letter from Prof. Qutaiba Hamid, School of Medicine, McGill University, and Montreal, Canada

Thanks letter from Prof. Stephen T Holgate, School of medicine, Southampton University, UK