

Zubair Karim, PhD

Assistant Professor, Department of Interdisciplinary Health Sciences at Augusta University
Augusta, GA, US

Karim researches signaling and the SNARE secretory machinery in platelets to understand their contribution to health and disease.

Biography

Karim is an assistant professor in the Department of Interdisciplinary Health Sciences at Augusta University, where he has served since 2021. His research is based around understanding signaling and the SNARE secretory machinery in platelets as well as to understand their contribution to health and disease. His research also includes drug discovery in the thrombosis and haemostasis, pre-clinical trials and basic mechanisms of the drug in cell system especially in platelets. He received an M.S. from the Hamadard University, New Delhi, India. He received his Ph.D. in Biochemistry from the Institute of Medical Sciences, Banaras Hindu University, Varanasi, India in 2004. In 2004, he joined Dr. Sidney Whiteheart (University of Kentucky, Lexington, KY) as a post-doctoral fellow.

Areas of Expertise

Smoking and Cardiovascular Disease, Thrombosis, Hemostasis, Platelet Exocytosis and Signaling, E-cigarettes

Affiliations

American Heart Association, American Society of Cell Biology, Biotechnology Society of India, Indian Society of Cell Biology, Society of Biological Chemistry, India, Association of Medical Biochemists of India

Education

Institute of Medical Sciences, Banaras Hindu University
Ph.D. Biochemistry

Hamdard University
Master's of Science Biochemistry

S. K. University
Bachelor of Science Biochemistry

Accomplishments

U.S. Patent

Co-Inventor of Thromboxane Receptor-Based Vaccine for Managing Thrombogenesis (Publication Number: US-2019-0358308-A1; Publication Date: 11/28/2019)

Scientist Development Grant

American Heart Association (2013)

Tom Vanaman Award

University of Kentucky (2008)

Senior Research Fellowship

Council of Scientific Industrial and Research (2003)

Junior Research Fellowship

Council of Industrial and Research (2001)

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