

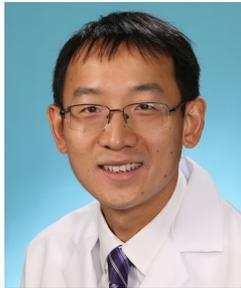


SSCI Tinsley Harrison Scholars - 2024



Samantha Adamson, MD, PhD
Washington University in St. Louis
Division of Endocrinology, Metabolism & Lipid Research

Dr. Adamson's research focuses on primary cilia-based signaling mechanisms that underlie islet cell crosstalk and are important for regulating insulin secretion.



Siyan "Stewart" Cao, MD, PhD
Washington University in St. Louis
Division of Gastroenterology

Dr. Cao's research focuses on how cellular stress response regulates innate immunity in inflammatory bowel disease (IBD). Another focus of his research involves defining the single-cell landscapes of IBD-related complications and identifying novel biomarkers to guide personalized management of IBD.



Juheb Akhter, PhD
University of Alabama at Birmingham
Division of Nephrology

Dr. Akhter studies the role of ferritin, an iron-storage protein, in regulating kidney injury through activation of inflammatory and ferroptosis pathways.



Karen Cyndari, MD, PhD
University of Iowa
Department of Emergency Medicine

Dr. Cyndari studies the immune regulation of the joint space. She is focusing on how an infectious arthritis becomes a chronic inflammatory arthritis and how synovial change in structure relates to change in function



Anna Barker, MD, PhD
University of Michigan

Division of Pulmonary & Critical Care

Dr. Barker's research utilizes data analytics to study critical care delivery through the lens of the electronic health record. She is particularly interested in finding novel ways to reduce prolonged mechanical ventilation.



Arsalan Hamid, MBBS
University of Mississippi Medical Center
Division of Cardiovascular Diseases

Dr. Hamid's research focuses on the prevention of heart failure. He utilizes population-based cohorts to study the development of heart failure and risk factors that can be modified to prevent it. Recently, he has been exploring the role of inflammation in the development of heart failure.