



THE UNIVERSITY OF ARIZONA
COLLEGE OF MEDICINE TUCSON

Physiology

Seminars in Translational & Advanced Research (STAR)

Friday, February 13
Arizona Health Sciences Center
Room 8403
11:00am - 12:00pm

<https://arizona.zoom.us/j/85062222452>



Jason Wu, PhD

*Assistant Professor,
Department of Physiology,
University of Arizona*

"Determinants of PFAS Nephrotoxicity and Elimination in Chronic Kidney Disease"

Dr. Wu is an early-stage investigator dedicated to uncovering the mechanisms by which environmental factors and inflammation influence renal-cardiovascular health and disease. His research program builds on his PhD training with Dr. David Harrison at Vanderbilt University and postdoctoral work with Dr. Curt Sigmund at the Medical College of Wisconsin, where he focused on vascular biology and hypertension.

Work in the Wu laboratory centers on adaptive immunity, renal hemodynamics, and gene-environment interactions in hypertension and kidney disease. The overarching research goal is to define renal microcirculation, the role of immune cells in electrolyte transport, and the susceptibility of these processes to genetic variants and environmental stressors.

Dr. Wu is committed to promoting innovative and collaborative science and to mentoring the next generation of researchers. His long-term career objective is to translate mechanistic discoveries into new therapeutic strategies in environmental medicine that may lead to the development of novel therapies for cardiovascular and kidney diseases.