Genetics and Genomics (G2) Seminar Series

INSTITUTE FOR GENOME SCIENCES AND SOCIETY
TEXAS A&M UNIVERSITY

The Interdisciplinary Faculty of Genetics
Genetics Graduate Student Association

Mitochondrial DNA Stress in Innate Immunity and Disease

Dr. A. Phillip West

Department of Microbial Pathogenesis and Immunology , Texas A&M University

Dr. West's research focuses on understanding how mitochondria regulate innate immunity and inflammatory processes to influence human health and disease. Mitochondria are multi-faceted organelles integral to many processes including energy generation, programmed cell death, signal transduction, and immunity. Consequently, mitochondrial stress can drastically alter cell and tissue function and is increasingly implicated in aging and diseases such as type 2 diabetes, neurodegeneration, inflammatory disorders, and cancer. His ongoing projects focus on mitochondrial control of immune signaling, modulation of mitochondrial function by pathogens, and mitochondrial dysfunction in melanoma.

Monday, October 16, 2017

4:00 p.m.

Auditorium/Room 108

BioBio Building

Refreshments at 3:30 p.m. in the lobby.

Genetics

Texas A&M Institute for Genome Sciences and Society (TIGSS)

For more information, contact TIGSS at 979.458.5666 or tigss@tamu.edu