Matthew Poynter, Ph.D.
Division of Pulmonary Disease and Critical Care, University of Vermont
Hosted By: Dr. Xuexian Yang

“Modeling Causes and Complexities of Asthma”

Dr. Poynter’s research focuses on the cellular and signal transduction cascades that participate in the initiation and resolution of inflammatory responses in the lungs and that contribute to the generation of adaptive immunity. His seminal findings include elucidating mechanisms whereby inhalational exposures that stimulate the airway epithelium increase the risk of asthma. His talk will address causes of asthma and the use of animal models to better understand how asthma is worsened by obesity.