



EXCELLENCE IN GENETICS & IMMUNOLOGY SEMINAR SERIES



Paige Lacy, PhD

Professor and Director, Pulmonary Research Group,
Department of Medicine
University of Alberta

Title: “Mechanisms of protein trafficking in eosinophils:
contribution to allergic airway responses.”

Monday, February 15, 2016

MEAKINS Amphitheater | Room 521 | 12:00 PM

McIntyre Medical Sciences Building

“Our group is interested in the molecular and cellular mechanisms of inflammation in lung diseases, with particular focus on asthma. Our research has primarily focused on innate immune cells, including eosinophils, neutrophils, mast cells, and macrophages, and how they release cytokines and pro-inflammatory mediators by exocytotic secretion. We have shown a role for numerous signalling pathways that regulate the exocytotic release of pro-inflammatory mediators from eosinophils. Among these are regulatory guanosine triphosphatases, Sec/Munc proteins, and SNAREs, which are required for receptor-mediated docking and fusion of secretory vesicles and granules. In this presentation, we will explore key regulatory proteins that control the secretion of pro-inflammatory mediators from eosinophils, and how this may impact allergic inflammation and airway responses. ”

This seminar is mandatory for Biochemistry Graduate students

LOCATION: McIntyre Medical Sciences Building, Room #521, 12:00 PM

HOSTED BY: DRS JÖRG FRITZ and SILVIA VIDAL