

THE UNIVERSITY OF BRITISH COLUMBIA
Department of Microbiology and Immunology presents a seminar by:

Dr. Michael Surette

Canada Research Chair in Interdisciplinary Microbiome Research,
Farncombe Family Digestive Health Research Institute, McMaster University
entitled:

The airway microbiome in health and disease



The healthy respiratory tract is home to a diverse collection of microbes that include both commensal organisms and also many pathogens carried asymptotically. The upper airways contain some of the most diverse microbiota populations in the body. The lower airways, traditionally thought of as sterile, are at least transiently colonized by bacteria in healthy individuals. Similar to the microbial communities of the gut, the airway microbiome matures in early childhood and changes as we age. Chronic lower airway infections (such as in cystic fibrosis, COPD and infectious asthma) are characterized by polymicrobial communities and separating friend from foe in these infections presents both challenges and opportunities in managing these diseases.

Sponsored by:

Dmitry Apel Memorial Lectureship Fund and The Department of Microbiology & Immunology

Tuesday, April 29, 2014 - 12:30pm to 1:30pm

Location:

**Life Sciences Centre, LSC 3
2350 Health Sciences Mall**

Hosted by

Dmitry Apel Memorial Lectureship Committee and Dr. Erin Gaynor

