



Centre for  
**Heart Lung Innovation**  
UBC and St. Paul's Hospital

## Centre for Heart Lung Innovation Seminar Series

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**Molecular and clinical implications of airway autoimmunity in severe asthma.**

**Manali Mukherjee MSc, PhD**  
**Assistant Professor, Department of Medicine**  
**McMaster University**

Friday February 3<sup>rd</sup> 11:30 – 12:30 PM  
James Hogg Conference Centre (JHCC) Room 103  
**(ZOOM Meeting ID: 662 2255 0438; passcode: 623137)**

Hosted by Chris Carlsten

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*“Autoantibodies to eosinophil degranulation products, anti-nuclear and extractable nuclear antigens, macrophage scavenger receptors, have been reported in the airways (sputum), otherwise unremarkable in the blood in approximately half of the moderate-to-severe asthma population. Local autoantibodies contribute to severity, steroid dependence, persistent eosinophilia, and inadequate therapeutic responses to novel biologics.”*

*This event is a Self-Approved Group Learning Activity as defined by the Maintenance Certification Program of the Royal College of Physicians and Surgeons of Canada*



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