



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

Centre for Heart Lung Innovation Research in Progress (R.I.P.)



Investigation of the role of miR-146a in the regulation of fibrosis in chronic obstructive pulmonary disease

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Monday, May 2nd 2021
9:00 – 10:00 a.m.

Zoom Video Conference
(Meeting ID: 693 1997 7044; Passcode: 030679)

“Chronic obstructive pulmonary disease (COPD) is the only chronic disease that is increasing in incidence and economic burden worldwide. The disease affects the ability of patients to breathe due to a chronic inflammatory and remodeling process that leads to loss of lung tissue. Genetic studies have shown that multiple genes each with a small effect size are involved in the chronic inflammatory and remodeling pathologies in COPD. In my project, I want to understand if epigenetic regulation of gene networks by non-coding RNAs, specifically micro-RNAs, is involved in COPD pathology. I am particularly assessing the role of miR-146a in airway remodeling through the regulation of the fibrotic cytokine Transforming Growth Factor- β .”

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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