



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

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



**Phenotyping airway mucosal abnormalities in individuals with Post-Covid Pulmonary Syndrome: results of a single-cell RNA sequencing study**

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Graduate Student  
Dr. Don Sin

Monday, Nov 7<sup>th</sup>, 2022  
9:00 – 10:00 a.m.

**Gourlay Conference RM 103**  
**Zoom Video Conference**  
(Meeting ID: 693 1997 7044; Passcode: 030679)

*“Approximately 14% of adult Canadians infected with SARS-CoV-2 virus experience wide array of debilitating symptoms, which could last beyond 35 weeks post recovery. These health challenges affect multiple organ systems. However, as the airway epithelial cells are believed to be the primary target of this virus, we aimed to profile the cellular composition and transcriptomic profiles of the airway mucosa in individuals experiencing Post-COVID Pulmonary Syndrome, using single-cell RNA-sequencing (scRNAseq) technology.”*

*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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