



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

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

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**Exploration of factors that predict progression to non-tuberculous Mycobacteria active disease in patients with cystic fibrosis**

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MSc Student  
Dr. Bradley Quon

Monday, April 19<sup>th</sup>, 2021  
9:00 – 10:00 a.m.

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

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*“Non-tuberculous mycobacteria (NTM) are a fastidious and widespread organism that causes disease in immunosuppressed individuals and those with underlying lung pathology, like people living with cystic fibrosis (CF). In CF patients, the infection can be transitory, persistent or even progress to a full-blown disease. The risks for progression and the immune and pathogen determinants of this progression remain largely unknown. However, evidence of NTM active disease in other lung diseases suggests that certain genetic factors, such as Th1 response related genes, are linked to increased risk of progression. Therefore, we are exploring if host gene expression can be used as a prognostic factor for developing active NTM disease in CF population.”*

*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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