



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

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



Titin truncating variants and risk of atrial fibrillation

Kate Huang

Graduate Student

Drs Liam Brunham & Zachary Laksman

Monday, Dec 6th 2021

9:00 – 10:00 a.m.

Zoom Video Conference

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

“Atrial fibrillation (AF) is the most common arrhythmia worldwide and is associated with an increased risk of stroke, heart failure, and death. Some individuals develop AF early in life or in the absence of known clinical risk factors. In these cases, genetic variation is thought to significantly contribute to the development of AF. My research focuses on understanding the role of genetics in the risk of AF development. Multiple genetic association studies have linked titin truncating variants to early-onset AF. I’m using patient induced pluripotent stem cells to study how titin truncating variants affect sarcomere integrity and the electrophysiology of atrial and ventricular heart cells.”

*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*



a place of mind

THE  LUNG ASSOCIATION™
British Columbia



HEART &
STROKE
FOUNDATION
OF BC & YUKON

Finding answers. For life.