



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

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



Titin variants and risk of atrial fibrillation

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Monday Sept 28th, 2020
9:00 a.m. – 10:00 a.m.

Zoom Video Conference
(Meeting ID: 615 1697 7214; Passcode: 649962)

“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 variants (TTNv) to early-onset AF. I first studied the interplay between TTNv and clinical risk factors of AF in a large population cohort. I plan to extend this work using human induced pluripotent stem cells to study how TTNv affects the electrophysiologic function 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



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