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

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

Understanding the crosstalk between macrophages and SMCs in atherosclerosis

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Monday, Nov 15th 2021
9:00 – 10:00 a.m.

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

"Cardiovascular disease is the leading cause of death worldwide and is predominantly caused by atherosclerosis, a progressive narrowing of the blood vessels due to foam cell accumulations. Foam cells are fat-containing cells that are overloaded with cholesterol. While previous research indicated that foam cells are primarily derived from macrophages and smooth muscle cells (SMCs), few research has investigated the role of SMC and macrophage interactions in atherosclerosis. In this presentation, I will introduce my current research project focusing on how direct and indirect interactions between macrophages and SMCs can affect foam cell development. The outcome of my project will further the field's understanding of foam cell development in atherosclerosis and identify novel therapeutic targets that can slow down or regress atherosclerosis."

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