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

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

Increasing circulating Lysosomal Acid Lipase for reduction of atherosclerosis in ApoE-deficient mice using mRNA-containing lipid nanoparticles

Katrina Besler
MD/PhD Candidate
Dr. Gordon Francis

Monday, May 16th 2021
9:00 – 10:00 a.m.

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

"Lysosomal acid lipase (LAL) is an important cholesterol metabolizing enzyme that has been identified as a susceptibility gene for coronary artery disease. LAL levels are low in the most abundant type of cholesterol-overloaded cells in diseased arteries, and in vitro, supplemental LAL increases removal of cholesterol from overloaded cells. My work uses lipid nanoparticles containing mRNA encoding for LAL to investigate whether increasing circulating levels of LAL can reduce disease in mice"

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

UBC a place of mind

THE LUNG ASSOCIATION™ British Columbia

HEART & STROKE FOUNDATION OF BC & YUKON
Finding answers. For life.