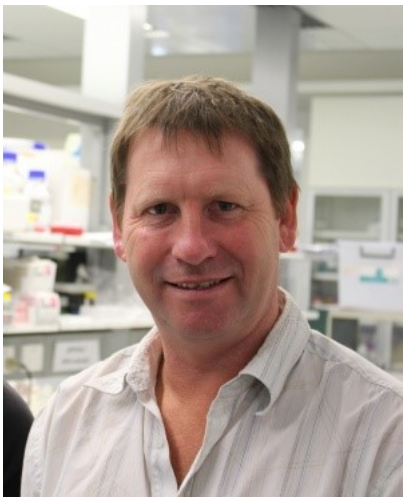
Centre for
Heart Lung Innovation
UBC and St. Paul's Hospital

Centre for Heart Lung Innovation Special Seminar



Understanding pathogenesis to develop treatments for COPD and asthma: single cell sequencing, inflammasomes and immunometabolism

Phil Hansbro, Ph.D.

Director of the Centre for Inflammation, Centenary Institute and University of Technology Sydney
Newcastle, Australia

Wednesday, July 13th 9:00 – 10:00 a.m.
Gourlay Conference Room 103, 1st Floor McDonald Bldg
ZOOM (Meeting ID: 691 2900 2252; Passcode: 454034)

Hosted by Don Sin

"Chronic respiratory disease such as COPD, severe asthma and pulmonary fibrosis are amongst the most important diseases of today and are in urgent need of improved therapies. They are all underlined by oxidative stress that likely results from dysfunction mitochondria. Elucidating the dysfunction in these processes in experimental models and human cells and tissues can define their roles in disease pathogenesis. It can also identify new therapeutics targets. We are aiming to define the dysfunction in these processes and use mitochondria targeted interventions and immune metabolic modulators to test new therapies for progression to clinical use."

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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