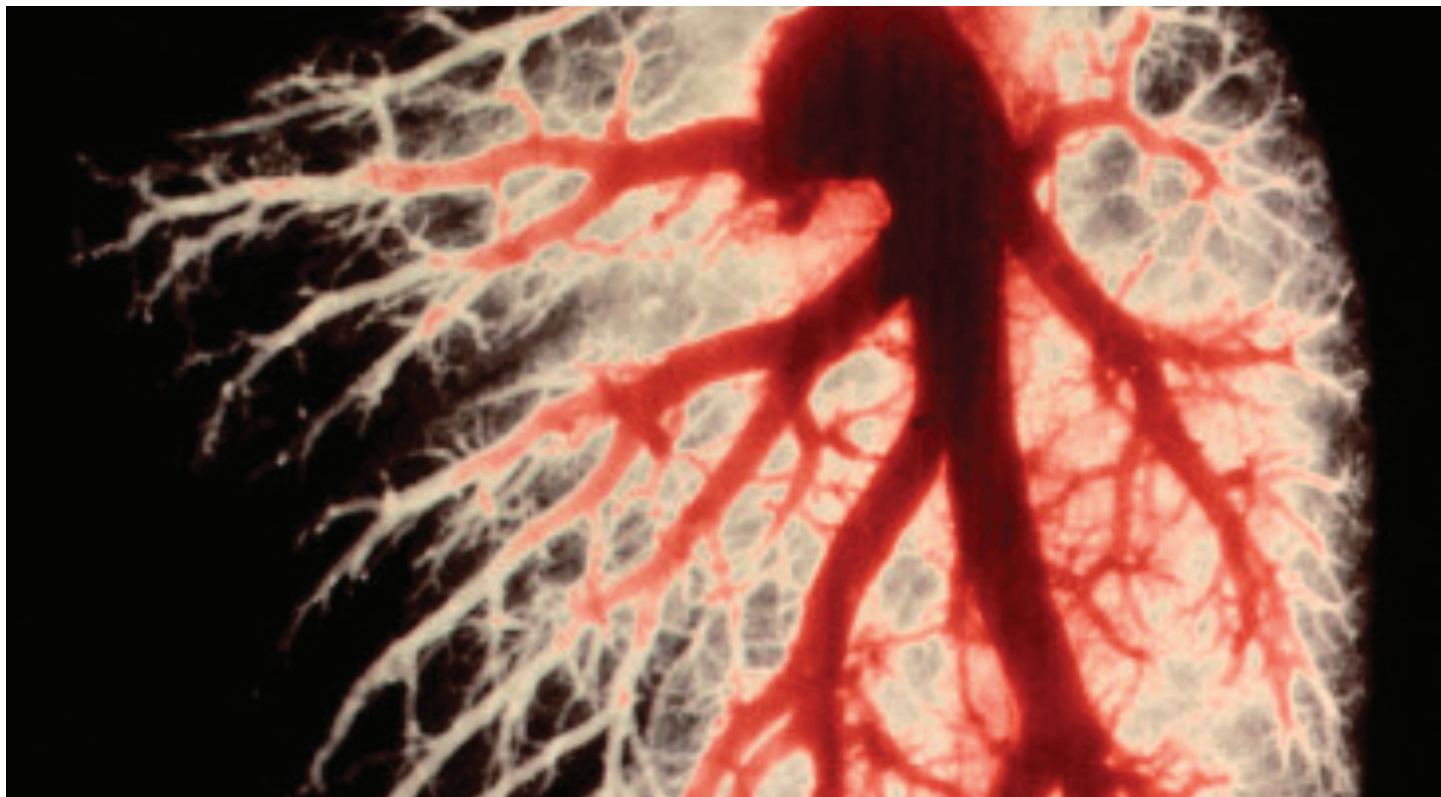


Chronic pulmonary hypertension in prematurely-born neonates: **New insights, new therapies.**



Presenter



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When

Date: Thursday, March 9, 2023

Time: 12:00 PM Eastern Time

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Abstract

Premature birth is the leading cause of death and chronic disease in Canadian children.

A major source of this burden is bronchopulmonary dysplasia (BPD), a chronic lung injury that arises in half of extremely premature infants (~1000 new cases annually in Canada). BPD is characterized by impaired pulmonary development and vascular remodeling, leading to lifelong respiratory insufficiency. Pulmonary hypertension (PHT) is a common adverse complication of BPD that greatly increases the risks of early death. The incidence and impact of BPD is increasing and no effective therapies yet exist.

This seminar will highlight recent efforts in the Jankov laboratory to develop new therapies for BPD-associated PHT, based on novel insights into the pathogenesis of pulmonary vascular disease in the developing lung.



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