Fetal haemodynamics and brain development

This presentation will introduce the latest quantitative MRI methods for assessing fetal and neonatal cardiovascular physiology and brain development. We will examine the evidence for hypoxia as a driver of perinatal brain injury and dysmaturational in CHD and IUGR and to review the impact of perinatal hemodynamic compromise versus postnatal factors on neurodevelopmental outcome in CHD and IUGR.

DR. MIKE SEED is the Division Head of Cardiology at SickKids. He undertook training in Radiology and Paediatric Cardiology in the UK and Toronto. Dr. Seed's clinical role includes paediatric cardiovascular imaging and fetal cardiology. His research has focused on the relationships between fetal and neonatal cardiovascular physiology and brain development in the setting of intrauterine growth restriction and congenital heart disease.

Thursday, October 19, 2017
8:00am (sharp) – 9:00am
MDCL 3020
Contact: Giulia x73862
All faculty, staff and learners are welcome to attend