UNIVERSITY OF CALGARY
CUMMING SCHOOL OF MEDICINE
Department of Medical Genetics

Alberta Health Services

Medical Genetics Seminar Series

Kym Boycott PhD, MD, FRCPC, FCCMG

Clinical Geneticist and Chair of Department of Genetics, CHEO
Senior Scientist, CHEO Research Institute
Professor of Pediatrics, University of Ottawa
Tier 1 Canada Research Chair in Rare Disease Precision Health

"A Diagnosis for All Rare Genetic Diseases: The Horizon and Next Frontiers"

Friday, January 27, 2023
9:00 am – 10:00 am
ACH Auditorium 4th Floor

Via Zoom: https://ucalgary.zoom.us/j/98351845596?pwd=a0RZeksrVkxHd01HNHh4NGdjLzFxQT09
Meeting ID: 983 5184 5596 **Passcode:** 867787

LEARNING OBJECTIVES:

- Define the paradigm shift in the approach to rare diseases since the introduction of genome-wide sequencing analysis;
- Summarize the impact, benefits and challenges of integrating bioinformatics, new technologies, global data sharing strategies and functional studies on the discovery of new causes of rare diseases;
- Propose a clinical and research workflow for how to investigate patients with undiagnosed rare genetic disease

The Medical Genetics Seminar Series is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physician and Surgeons of Canada