MEDICAL GENETICS ACADEMIC HALF DAY  
February 23, 2018, MUHC Glen Site, Room B 02.9390
[Sessions from 9:00 – 10:30 will be teleconferenced to the JGH, Room H-347.]

Please note room change for 10:30 Resident Teaching session, below.

9:00 – 10:00  Ethics Presentation
Mehdi Yeganeh, MD, PhD, PGY3 in Medical Genetics and fellow residents  
*Ethics of genome editing in clinical and research settings*

Learning objectives:
At the end of this session, participants will be able to:
1- Understand the basic concepts of genome editing including germline and somatic gene editing.
2- Recognize the current ethical issues and consensus with regard to both germline and somatic genome editing.

10:00 – 10:30  Journal Club
Alexa McAdam, BSc, 1st year genetic counselling student  
*Hemophilia B Gene Therapy with a High-Specific-Activity Factor IX Variant*  
[Please see attached article.]

10:30 – 12:00  Resident Teaching  
B 02.6645
Stephanie Fox, MSc, MS, CGC, CCGC  
*Risk Assessment I: Hardy-Weinberg Analysis*  
Reminder to participants regarding reading:  
Use any book/website to refresh your memories about Hardy Weinberg Law, the equation used to do calculations in population genetics, and the things that can disrupt Hardy Weinberg Equilibrium (e.g. Chapter 9 in Thompson & Thompson).  
Also, please remember to bring something on which to write out problems (can be a tablet or paper/pen) and a calculator (can be a phone).

The Medical Genetics Academic Half Day is a self-approved group learning activity (Section 1) as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada.

Do not hesitate to contact me should you have any questions.

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