

Resident Representatives: Dr. Lillian Ruiheng Chen, Université de Montréal
Dr. Geneviève Nadeau, Université de Montréal

Faculty Resident Advisor: Dr. Tayyab Khan, Western University
Dr. Breay Paty, University of British Columbia

Program Speakers: Dr. Mélanie Henderson, Université de Montréal
Dr. Vincent Larouche, McGill University
Dr. Mélissa Fiscaletti, Université de Montréal
Dr. Rachel Bond, McGill University
Dr. Ran Cheng, Université de Montréal

Professors: Dr. Rémi Rabasa-Lhoret, Université de Montréal
Dr. Geneviève Rondeau, Université de Montréal
Dr. Christopher Tran, University of Ottawa

Learning Objectives

At the end of this session, participants will be able to:

- Develop an understanding of lipid physiology, clinical relevance of specific genetic mutations along lipid pathway, and management of dyslipidemia in youth.
- Review clinical presentation, diagnostic testing and management of neuroendocrine tumours.
- Provide an overview of pathophysiology, clinical presentation investigations and treatment of XLH, Osteogenesis Imperfecta and Hypophosphatasia.
- Review the etiology and management approaches for male infertility.
- Identify if bariatric surgery or pharmacotherapy should be the first line treatment for class III obesity.

PROGRAM

All times are Eastern Time. Each presentation includes a live Q&A discussion.

8:00 a.m. – 8:25 a.m.	Registration and Breakfast
8:25 a.m. – 8:30 a.m.	Introduction and Opening Remarks Dr. Tayyab Khan, Dr. Lillian Ruiheng Chen, Dr. Geneviève Nadeau
8:30 a.m. – 9:15 a.m.	Topic #1 – Lipid Physiology and Approach to Management in Pediatric Patients Dr. Mélanie Henderson At the end of this presentation, participants should be able to: • Review general lipid physiology • Describe clinical relevance of genetic mutations along lipid pathway • Outline approaches to management in youth
9:20 a.m. – 10:05 a.m.	Topic #2 – Neuroendocrine Tumours Dr. Vincent Larouche At the end of this presentation, participants should be able to: • Review clinical presentation of functional vs non-functional neuroendocrine tumours • Review diagnostic testing for neuroendocrine tumours • Provide an overview of treatment options including Peptide Receptor Radionuclide Therapy (PRRT)
10:35 a.m. – 11:20 a.m.	Topic #3 – Rare Bone Diseases – Diagnosis and Management Dr. Mélissa Fisaletti At the end of this presentation, participants should be able to: • Review pathophysiology, clinical manifestation, investigations, and treatment for the following rare bone diseases: XLH, OI, and Hypophosphatasia
11:25a.m. – 12:10 p.m.	Topic #4 – Approach to Male Infertility Dr. Rachel Bond At the end of this presentation, participants should be able to: • Describe the role of the endocrinologist in male infertility • Identify the main causes of male infertility • Review treatment options
12:15 p.m. – 13:15 p.m.	Lunch (Resident Council Meeting)
13:15 p.m. – 13:20 p.m.	Overview of Afternoon & Transition to Meet the Professor Dr. Tayyab Khan, Dr. Lillian Ruiheng Chen, Dr. Geneviève Nadeau

13:20 p.m. – 15:00 p.m. (residents will be assigned a group and will attend all three 30-minute MTP sessions, moving to a separate room for each presentation)	<i>Bone Appétit: Modern Yet Practical Approaches to Osteoporosis</i> Dr. Christopher Tran <i>Hypoglycemia in Adult Patients With and Without Diabetes</i> Dr. Rémi Rabasa-Lhoret <i>Thyroid Nodule and Cancer</i> Dr. Geneviève Rondeau
15:10 p.m. – 15:55 p.m.	<i>Topic #5 – DEBATE: Should Anti-Obesity Medications Be First Line Therapy Over Bariatric Surgery for Those with Class III Obesity?</i> Dr. Ran Cheng (for medication); Dr. Tayyab Khan (for surgery) At the end of this presentation, participants should be able to: • Debate that anti-obesity medication should be the first line of therapy for those with class III obesity. • Debate that bariatric surgery should be the first line of therapy for those with class III obesity. • Discuss the pros and cons of each method of treatment

Residents' Day – Trivia Night (space is limited, [registration](#) required)

Pub Saint Pierre

410 rue Saint-Pierre, Montréal

Doors open at 17:30; Trivia starts at 18:00

Trivia Night Teaser Questions

1) Nobody was able to answer this actual \$1,600 question from a 2023 episode of *Jeopardy!*: Also called the hypophysis, this gland is boss level, as its hormones regulate the thyroid & adrenal glands.

2) Fill in the blank: in 2013, a case report presented the world's largest _____ tumour, measuring 32 cm in diameter and weighing over 16 pounds.