



McGill University Health Centre Division of Respiratory Medicine



30th Annual Doctor Dorothy Wiselberg Seminar Tuberculosis

June 19, 2017 (08:00 AM – 4:15 PM)

McGill University Health Centre GLEN Site – RI Auditorium ES1-1129

Dear Colleagues,

We are delighted to invite you to McGill University Division of Respiratory Medicine - **30th Annual Doctor Dorothy Wiselberg Seminar** which will take place **June 19, 2017**.

This is a free endowed conference in respiratory diseases in memory of Dr. Wiselberg, who was one of the first female physicians to work in the area of pulmonary diseases in Montreal; she was based at the Montreal Chest Hospital where her work focused on tuberculosis.

This year, our conference is devoted to **Tuberculosis** with the following general goals:

General Goals

Participants will be able to

- Identify distinctive aspects of TB epidemiology and care in several vulnerable populations
- Assess new public health, clinical and laboratory approaches to TB prevention and care
- Apply new findings to the management of latent TB

Participants will gain knowledge of:

- Comparative advantages of preventive therapy regimens for children with TB infection
- Potential interventions for lowering TB incidence in Canada's Indigenous communities
- Preparing and supporting healthcare workers to deliver TB care to key populations
- Comprehensive approach to TB epidemic control and the Zero TB Initiative
- Potential benefits of whole genome sequencing for diagnosing drug resistance in TB infection
- Potential roles for modeling in guiding future practice and policy in TB prevention and care
- Risk factors for TB infection and disease progression
- Key elements of T cell mediated immunity to TB
- Best options for treatment of latent TB infection

Anticipated Practice Outcomes

Participants will

- Integrate new findings regarding childhood TB into their diagnostic and treatment practices
- Integrate the results of genotypic drug susceptibility testing
- Implement new treatment regimens for latent TB

We look forward to seeing you at the Wiselberg Seminar, June 19, 2017.

Dick Menzies, Director, Respiratory Epidemiology and Clinical Research Unit, McGill University
Kevin Schwartzman, Director, Respiratory Division, McGill University
Faiz Ahmad Khan, Director, TB Clinic, Montreal Chest Institute, McGill University Health Centre
Wiselberg Seminar 2017 Planning Committee

Seminar is free but **registration is required**
Please send registration form to esther.tomkee@muhc.mcgill.ca
Information: MUHC Respiratory Division: 514-934-1934, ext. 32153



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8:00 REGISTRATION & COFFEE
8:15 WELCOME AND INTRODUCTION

TB in vulnerable populations

Chair: Faiz Ahmad Khan

8:30 Coming of age: Recent developments in research, diagnostics, treatment of childhood TB
Anna Mandalakas, Baylor College of Medicine

9:10 Tuberculosis amongst Indigenous populations: The Canadian perspective
Faiz Ahmad Khan, McGill University

9:50 Delivering TB care to key populations: Challenges and novel solutions for enhancing health literacy on TB for healthcare workers
Linette McElroy, Victoria

10:30 BREAK

The future of TB

Chair: Kevin Schwartzman

11:00 The Zero TB Initiative: A comprehensive road-map for TB elimination
Salmaan Keshavjee, Harvard University

11:40 Can whole genome sequencing replace traditional cultures and drug susceptibility testing?
Issues in interpretation of genotypic/phenotypic discordance
Maha Farhat, Harvard University

12:20 Predicting the future of TB – Lessons (and cautions) from modeling studies
Kevin Schwartzman, McGill University

13:00 LUNCH

Latent TB

Chair: Dick Menzies

14:00 Recent insights in the meaning of latency in tuberculosis
Megan Murray, Harvard Medical School

14:40 Immunology of latent TB – how is latency achieved? and maintained?
Maziar Divangahi, McGill University

15:20 Ending on a practical note: What's new in diagnosis & treatment of latent TB
Dick Menzies, McGill University

16:00 CONCLUDING REMARKS