



Winter 2014

January

13 January, 2014

[Marcel A. Behr](#), Microbiologist-in-Chief, McGill University Health Centre

Topic: *Molecular epidemiology of TB in Quebec*

Objectives:

- 1) to describe the epidemiology of TB in Quebec
- 2) to highlight situations where molecular typing methods provide additional information about TB transmission
- 3) to present the findings of a series of completed and ongoing molecular epidemiology studies on TB at McGill

20 January, 2014

[Brett D. Thombs](#), William Dawson Scholar and Associate Professor, McGill University - Senior Investigator, Lady Davis Institute for Medical Research, Jewish General Hospital

Topic: *Should physicians screen for depression in medical settings? Evidence on depression screening and its components.*

Objectives:

- 1) describe current recommendations related to depression screening
- 2) present evidence that has been used for and against depression screening recommendations
- 3) evaluate whether implementation of depression screening would likely benefit patients in their clinical setting

[Presentation file](#)



Michael Zappitelli, Assistant Professor in Pediatrics & Director, Dialysis & Apheresis, Montreal Children's Hospital; Associate Member, Department of Epidemiology, Biostatistics and Occupational Health and Division of Experimental Medicine, McGill University

Topic: *Epidemiology, diagnosis and outcomes of acute kidney injury after pediatric cardiac surgery: from knowing almost nothing to almost something.*

Objectives:

- 1) Appreciate how knowledge on the incidence and outcomes of pediatric acute kidney injury has advanced and continues to advance, thanks to standardized definition of the disease.
- 2) Gain a global understanding of the need for new diagnostic markers of acute kidney injury and



Catherine Boileau, Epidemiologist, Département de Médecine Social et Préventive, Université de Montréal

Topic: *The CARTaGENE cohort: a deeply phenotyped public resource of samples and data for tracking population health in Quebec*

Objectives:

1) Provide and disseminate informa



Topic: *Public Health Risks and Benefits of Fish Consumption*

Objectives:

- 1) discuss exposure assessment strategies for methylmercury, with an emphasis on biomarkers and inter-individual variation
 - 2) provide an overview of gene-environment interactions (focus: genetic polymorphisms and epigenetics) and how such information is crucial in risk assessment and decision-making
 - 3) increase understanding of why the presence of contaminants in fish has resulted in a public health dilemma, from the local to global levels
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April

7 April, 2014 ***SEMINAR CANCELLED - ELECTION DAY*******

Lisa Bero, Ph.D., Professor of Clinical Pharmacy and Health Policy, University of California, San Francisco Co-Chair, The Cochrane Collaboration

Topic: *Hidden and not so hidden biases in drug studies*

Objectives:

- 1) To describe how drug studies can be biased at different stages of a clinical trial
- 2) To describe the association of industry funding for drug studies with different types of bias
- 3) To understand mechanisms for reducing bias in drug trials and downstream sources of evidence, such as systematic reviews