



NEW YORK UPSTATE
&
NEW YORK METRO SECTIONS

Joint Spring Meeting

May 7-8, 2020

ACCENT Credit (estimated 9.0 hours)

New



LOCATION: **McMaster Innovation Park**, 175 Longwood Road S, Hamilton ON, Canada L8P 0A1
Conference Room 1 ABC: Thursday May 7 8am-5pm & Friday May 9 8am-12pm

Venue: <https://mcmasterinnovationpark.ca/>

Directions: <https://mcmasterinnovationpark.ca/pages/transportation>

Free Parking: Lot 5 (Conference lot, gated gravel lot beside building)

Program

Thursday May 7, 2020 (Day 1)

8:00-8:45 am

Registration and breakfast

8:45-8:50 am

Welcome and announcements

Dr. Pete Kavsak, Program Chair, New York Upstate AACC local section

Dr. Joe El-Khoury, Chair, New York Metro AACC local section

Dr. Amy Chan, Section Chair, New York Upstate AACC local section

Clinicians and Laboratory Testing in Acute Care

9:00-9:35 am

Diagnosis of Pulmonary Embolism with d-Dimer Adjusted to Clinical Probability.

Dr. Kerstin de Wit, Emergency Medicine and Thrombosis, McMaster University

9:35-10:10 am

What clinicians (& patients) need from laboratory results: the challenges of interpreting and applying the high-sensitivity troponin literature.

Dr. Andrew Worster, Emergency Medicine, McMaster University

10:10 -10:45 am

Preoperative N-Terminal Pro-B-Type Natriuretic Peptide and Cardiovascular Events After Noncardiac Surgery: A Cohort Study.

Dr. Emmanuelle Duceppe, Internal Medicine, University of Montreal



NEW YORK UPSTATE
&
NEW YORK METRO SECTIONS

Joint Spring Meeting

May 7-8, 2020

ACCENT Credit (estimated 9.0 hours)

- 10:45-11:00** **Coffee and refreshment break**
- 11:00-11:35 Critical Care and Laboratory Testing
Dr. Bram Rochweg, Critical Care, McMaster University

Evidence for Laboratory Testing and Health Services

- 11:35 -12:10 Inadequate Reporting of Analytical Characteristics of Biomarkers Used in Clinical Research: A Threat to Interpretation and Replication of Study Findings
Dr. Zhen Zhao, Weill Cornell Medicine, Cornell University
- 12:10-12:55** **Lunch**
- 13:00-13:35 Comparison of Cardiovascular Risk Factors and Outcomes Among Practicing Physicians vs the General Population
Dr. Dennis Ko, ICES and University of Toronto
- 13:40-14:15 Population-Based Study to Determine the Health System Costs of Using the 21-Gene Assay.
Dr. Mark Levine, Ontario Clinical Oncology Group and Escarpment Cancer Research Institute, McMaster University

Presentations by Young Investigators of the AACCC local sections

- 14:20-14:35 Evaluation of Automated Thyroid Function Assays on the Roche Cobas Platform during Pregnancy
Dr. Aaron Geno, Dartmouth-Hitchcock Medical Center
- 14:35-14:50 Differential effects of conjugated and unconjugated bilirubin on the Roche c502 ammonia assay
Dr. Matthew Nichols, University of Toronto



NEW YORK UPSTATE
&
NEW YORK METRO SECTIONS

Joint Spring Meeting

May 7-8, 2020

ACCENT Credit (estimated 9.0 hours)

- 14:50-15:05 To slice or to skim? A case of clinical confusion due to erroneous M-protein quantification
Dr. Amir Babalhavaeji, University of Toronto
- 15:05-15:20 Defining appropriate utilization for AST testing
Dr. Zahraa Mohammed-Ali, University of Toronto
- 15:20-15:35 Coffee and refreshment break**
- 15:35-15:50 Differentiation of Marijuana Users from Individuals Taking Dronabinol by Evaluating
Urinary Cannabinoid Profiles using LC-MS/MS
Dr. Christopher Koch, Yale University
- 15:50-16:05 Tailoring Drug Testing for Mental Health and Addiction Clinic Needs
Dr. Eleonora Petryayeva, McMaster University
- 16:05-16:20 Optimizing the quantification of the glucose-6-phosphate dehydrogenase
(G6PD)/hemoglobin(Hb) ratio: From pre-analytical to post-analytical
Dr. Victoria Higgins, University of Toronto
- 16:20-16:35 A practical evidence-based approach to selecting reference intervals during the
verification process of new analyzer
Dr. Ola Ismail, McMaster University
- 16:35-16:50 Reference Interval Harmonization across Canada: Harnessing the Power of Inter-
Provincial Laboratory Data to Derive Indirect Reference Limits
Mary Kathryn Bohn, University of Toronto
- 17:00 -18:00 NY Upstate Membership Meeting**
- 18:30-21:30 Reception and Dinner, The University Club of McMaster**
Alumni Memorial Hall - Building #8 1280 Hamilton Ontario L8S 4K1 Canada
Young Investigator Award Announcement



NEW YORK UPSTATE
&
NEW YORK METRO SECTIONS

Joint Spring Meeting

May 7-8, 2020

ACCENT Credit (estimated 9.0 hours)

Friday May 8, 2020 (Day 2)

Laboratory Testing with a focus on accuracy and utility

- 8:00-8:30** **Breakfast**
- 8:35-9:05 Accuracy-based assessment of estradiol measurements
Dr. Zhimin (Tim) Cao, New York State Dept. of Health
- 9:05-9:35 Break down the walls of laboratory medicine to bring value to the health system: a case study of in housing busulfan assay
Dr. Victoria Zhang, University of Rochester
- 9:35-10:05 Blood is not Money: Suitability of Pneumatic Tube Systems for Blood Transportation
Dr. Joe El-Khoury, Yale University
- 10:05-10:20 **Coffee and refreshments**
- 10:20-10:50 Blood Cultures: the Importance of Preanalytical and Postanalytical Variables
Dr. Leonard Dunikoski, BD Life Sciences
- 10:50-11:20 Vascular endothelial growth factor a diagnostic test for POEMS Syndrome
Dr. Manuela Neuman, University of Toronto
- 11:20-11:55 Commutability: The first 50 years
Dr. Robert Rej, State University of NY at Albany
- 11:55 **Concluding Remarks & Take away lunch**