

Roderick Ross Research Day

Unity Health Toronto, Department of Laboratory Medicine

Monday, October 25, 2021, 09:00 a.m – 12:30 p.m

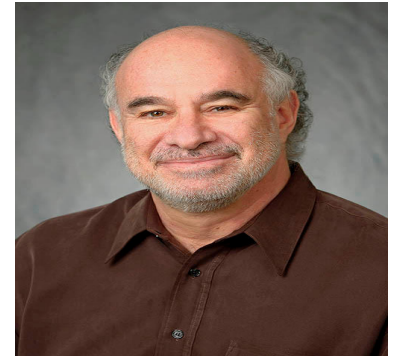
Unity Health Toronto, St. Michael's Hospital, via Zoom

Guest speaker, 09:00 a.m -10:00 a.m

Dr. Adam Bagg, MD

Pathology and Laboratory Medicine

Professor of Pathology and Laboratory Medicine at the
Hospital of the University of Pennsylvania



“Genetic Testing in Small B-cell neoplasms”

Agenda:

- 08.20 a.m. – 08.30 a.m. Welcome address by Dr. C Streutker, Chief of Laboratory Medicine, Unity Health Toronto.
- 08.30 a.m. – 09.00 a.m. (30 min including Q&A): ***“The spectrum of mast cell disorders: A case presentation”*** - Hematopathology case presentation by Dr. H Ghaffar, Department of Laboratory Medicine, Unity Health Toronto
- 09.00 a.m. – 10.00 a.m. Talk by Dr. Adam Bagg (Key Speaker – details above)
- 10.00 a.m. – 10.30 a.m. (30 including Q&A) ***“Aging and hematopoiesis”*** by Dr. S Zandi, Dept. of Laboratory Medicine, Unity Health Toronto
- 10.30 a.m. – 11.00 a.m. Virtual Coffee Break (Bring your own Coffee☺)
- 11.00 a.m.– 11.45 a.m. (45 mins including Q&A): ***The Power of Resilience*** by Dr. Mamta Gautam, MD, MBA, FRCPC, CPDC, CCPE, CPE - Department of Psychiatry, University of Ottawa
- 11.45 a.m. – 12.30 p.m. (45 mins including Q&A): ***Information, intelligence and the future of diagnostic medicine*** by Dr. C. Campbell, MD, PhD, FRCPC
Hematopathologist, Hamilton Regional Laboratory Medicine Program,
Hamilton Health Sciences Corporation

Zoom Link :

Supported by
The Department of Laboratory Medicine and Pathobiology, University of Toronto
and
Novartis Pharmaceuticals Canada Inc.

Main Speaker:

Dr. Adam Bagg, MD

Title: “Genetic testing in small B-cell neoplasms”

Objectives :

- Describe the generic features of selected small B-cell neoplasms
- Discuss the role of genetic testing in small B-cell neoplasms
- Distinguish diagnostic from prognostic genetic abnormalities in small B-cell neoplasms.

Other Speakers :

Dr. Clinton Campbell, MD, PhD, FRCPC

Dr. Clinton Campbell is a hematopathologist at Hamilton Health Sciences and Assistant Professor of Medicine at McMaster University. Dr. Campbell completed his doctoral training in the laboratory of Dr. Mick Bhatia studying human hematopoietic stem cells, and medical school at the McMaster Michael G DeGroot School of Medicine. Dr. Campbell then went on to attain his FRCPC in Hematological Pathology at Dalhousie University. Prior to practicing in Hamilton, Dr. Campbell held medical staff positions with the Nova Scotia Health Authority and University Health Network. He has held numerous peer-reviewed grants as principal investigator in cancer focuses on using machine learning to 1) automate workflows in diagnostic medicine; 2) develop new representations of the information in pathology and 3) link this information with other large healthcare datasets to redefine paradigms in health and disease. Dr. Campbell’s research program is conducted in collaboration with Dr. Hamid Tizhoosh and KIMIA Lab at the University of Waterloo.

Title : Information, intelligence and the future of diagnostic medicine

Objectives :

1. Support and automate pathology workflows.
2. Make new representations of information to improve diagnostics.
3. Enable computational pathology by linking information between healthcare datasets to redefine paradigms in health and disease.

Dr. Mamta Gautam, MD, MBA, FRCPC, CCPE, CPE

Mamta Gautam, MD, MBA, FRCPC, CPDC, CCPE, CPE is an internationally renowned psychiatrist, consultant, certified coach, author and speaker. Focused on Physician Health and Well-being since 1990, she is a pioneer in this field and is known as the “The Doctor’s Doctor”. Dr. Gautam is the founding director of the University of Ottawa Faculty of Medicine Wellness Program, served as the Expert Physician Advisor for the Canadian Medical Association Centre for Physician Health and Wellbeing, and currently chairs the Burnout Task Force at the Ontario Medical Association. In the past 2 decades, she has expanded her work to include Physician

Leadership Development to better address system-level factors that impact physician wellness. All of her educational, clinical, research and administrative work aims to promote Physician Health and develop Physician Leadership. She has created podcasts and videos on this topic, and authored articles, book chapters, and 2 international best-selling books. She brings this knowledge and expertise to PEAK MD, through which she delivers keynote presentations and workshops, consults to healthcare organizations and coaches senior physician leaders internationally.

She is committed to advancing diversity in medicine, and leadership development for women in medicine. She has served as the Diversity Monitor at the Royal College of Physicians and Surgeons of Canada. She has developed and co-leads Momentum, a 6-day retreat for women in medicine; and recently founded The Raft, an online platform for leadership development and community for women physicians.

She is the recipient of numerous prestigious awards for her innovative work to support her physician colleagues, and for her mentoring of women colleagues, and has been awarded Distinguished Fellowships in both the Canadian and American Psychiatric Associations.

Title : “The Power of Resilience”

Objectives :

1. Discuss the key stressors in working during the COVID-19 crisis.
2. Define and understand stress, distress, burnout, compassion fatigue.
3. Learn and implement the 5 C's Framework to manage their stress effectively
4. Discuss what can occur in the workplace to support each other during this time.

Abstract:

Stress is an inherent factor in medicine. As professionals working in Laboratory Medicine, we have faced unprecedented changes in healthcare, and are dealing with much uncertainty and complexity. Healthcare workers, our chief resource at this time, are experiencing significant, and possibly enduring, psychological distress. This presentation helps to define and normalize these concerns. It is designed to help understand stress and how to recognize when it turns into distress. We will define a framework, the 5 C's for Resilience, and offer practical strategies to help colleagues to implement this and manage their stress effectively, both in their professional and personal lives.

Dr. Hasan Ghaffar, MD, FRCPC

Dr. Ghaffar is an Assistant Professor in Laboratory Medicine and Pathobiology at the University of Toronto, Project Investigator at the Li Ka Shing Knowledge Institute and Medical Director of Laboratory Hematology at St. Michael's Hospital. His main areas of interest include lymphoproliferative disorders and flow cytometry.

Affiliations & Other Activities

- Assistant Professor, Department of Laboratory Medicine and Pathobiology, University of Toronto
- Associate Graduate Faculty, Graduate Department of Laboratory Medicine and Pathobiology, University of Toronto
- Medical Director, Division of Laboratory Hematology, Department of Laboratory Medicine, St. Michael's Hospital.

Title : The spectrum of mast cell disorders: A case presentation

Objectives:

1. Provide a practical approach to diagnosing mast cell disorders
2. Understand the WHO classification of mastocytosis
3. Discuss the use of ancillary studies in mast cell disorders

Dr. Sasan Zandi, MD, PhD, FRCPC

Dr. Zandi is a hematopathologist at St Michael Hospital and Assistant Professor of Medicine at University of Toronto. His training and research for the past 10 years has been focused on understanding the cellular and molecular mechanisms governing the self-renewal and differentiation of stem cell in normal and malignant hematopoiesis. His PhD study in Dr. Mikael Sigvardsson laboratory in Sweden were mostly focused on identifying the rare, but developmentally important, populations of cells that are in the crossroad of lineage commitment in the hematopoietic hierarchy. His work as postdoctoral fellowship in Dr. John Dick's laboratory led to the discovery of pre-leukemic stem cells in acute myeloid leukemia and proposition of a new model of human hematopoietic hierarchy. His primary research interest is aging of stem cells, clonal hematopoiesis and understanding the molecular and cellular mechanisms that drives the hematological malignancies.

Title : Aging and hematopoiesis**Objectives :**

1. 1) Mechanism of aging in hematopoietic stem cells.
2. 2) Clonal hematopoiesis and its clinical implications
3. 3) Can we reverse aging?