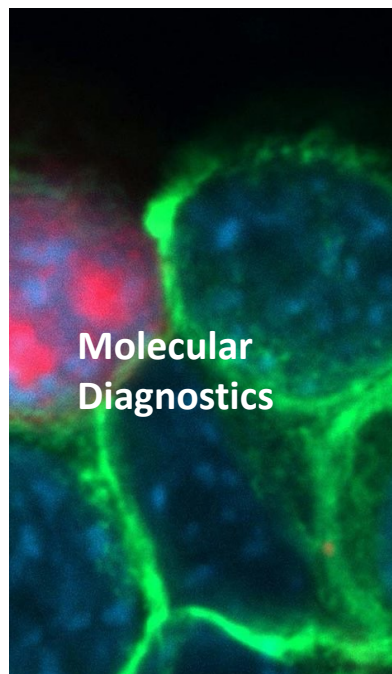
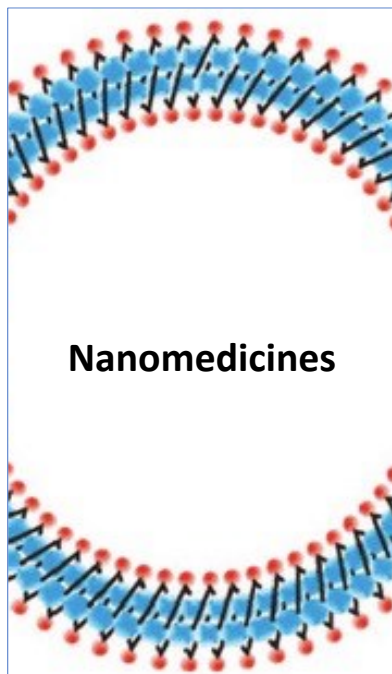


Advances in Theranostics, Nanomedicines and Molecular Diagnostics for Cancer



Symposium Synopsis

The CPO symposium for 2023 will highlight recent advances in theranostic agents for imaging and treatment of cancer, novel nanomedicines for cancer therapy, interventional strategies to improve the treatment of brain metastases, clinically relevant mouse models of cancer, microfluidic tools to probe cancer biology and commercialization of new agents for cancer. Invited speakers are international leaders in their fields. Graduate students and PDF members of the CPO will also have an opportunity to present their research in pharmaceutical oncology. The symposium will include a post-meeting reception with easy listening guitar music and refreshments to promote networking and collaborations. We hope to see you at the symposium!

Research Symposium 2023 – Advances in Theranostics, Nanomedicines and Molecular Diagnostics for Cancer

May 8, 2023, The Faculty Club, University of Toronto

Registration and Continental Breakfast 08:00-08:45

Welcome Remarks 08:45-09:00

Dr. Raymond Reilly, Ph.D., Director, CPO
Dr. Micheline Piquette-Miller, Ph.D., Associate Dean, Research,
Leslie Dan Faculty of Pharmacy, University of Toronto

**Theranostics for Cancer Imaging and Therapy
– Keynote Address**

Dr. Francois Benard, M.D. - Keynote Speaker 09:00-10:00
Vice-President of Research, BC Cancer Research and Professor,
Department of Radiology, University of British Columbia

**MRI-Guided Focused Ultrasound to Enhance Drug
Delivery to Brain Metastases** 10:00-10:30

Dr. Kullervo Hynynen, Ph.D.
Vice-President, Research and Innovation and Senior Scientist,
Sunnybrook Health Sciences Centre

Refreshment Break 10:30-11:00

**Clinically Relevant In Vitro and In Vivo Models
of Cancer** 11:00-11:30

Dr. Laurie Ailles, Ph.D.
Senior Scientist, University Health Network and
Associate Professor, Department of Medical Biophysics,
University of Toronto

Graduate Student Oral Presentations 11:30-12:00

Invited Students (3 mins each x 8 students)

Lunch 12:00-13:00

Poster Presentations Graduate Students and PDFs	13:00-14:00
Porphysomes for Cancer Imaging and Therapy Dr. Gang Zheng, Ph.D. Senior Scientist and Associate Research Director, Princess Margaret Cancer Centre Professor, Departments of Pharmaceutical Science and Medical Biophysics, University of Toronto	14:00-14:30
Nanomedicines for Cancer – Learning from mRNA Vaccines for Covid-19 Dr. Bowen Li, Ph.D. Assistant Professor, Leslie Dan Faculty of Pharmacy, University of Toronto	14:30-15:00
Refreshment Break	15:00-15:15
Digital Microfluidic Tools for Probing Cancer Cell Function and Phenotype. Dr. Aaron Wheeler, Ph.D. Professor, Department of Chemistry and Canada Research Chair, Institute of Biomedical Engineering, University of Toronto	15:15-15:45
Commercialization of Theranostics for Cancer Dr. Robin Hallett, Ph.D. Vice-President, Discovery and Translational Sciences, Point Biopharma	15:45-16:15
Closing Remarks and Poster Awards Dr. Raymond Reilly, Ph.D. Director, CPO	16:15-16:30
Post-Event Reception Guitarist – Michael Gauthier	16:30-18:00