

Canadian Radiotheranostics Leaders' Summit

2025 PROGRAM





A MESSAGE FROM PREMIER DOUG FORD

I'm thrilled to extend my warmest greetings to all those in attendance at this year's Canadian Radiotheranostics Leaders' Summit.

This summit aims to shape the future of radiotheranostics by bringing together industry leaders, clinicians, patient partners, government representatives and curious young students. Thanks to your ongoing efforts and key partnerships, Canadians are at the forefront of cutting-edge innovation in radiopharmaceuticals, diagnostic scans and better models of care.

I'd like to extend my thanks to the Canadian Nuclear Isotope Council for hosting this summit and for their commitment to advancing radiotheranostics, improving cancer care and bringing our healthcare sector to new heights.

Have a wonderful summit, everyone!

A handwritten signature in blue ink, appearing to read "Doug Ford".

Doug Ford
Premier



A MESSAGE FROM MAYOR OLIVIA CHOW

A warm welcome to everyone attending the Canadian Radiotheranostics Leaders' Summit 2025.

This year's summit themed: "Seizing the radioisotope opportunity from coast-to-coast" brings together over 400 national and international opinion leaders and key players in the development, testing, and clinical use of radiopharmaceuticals. The summit offers a collaborative learning environment for discussing Canada's research and infrastructure in the application of imaging and radiation therapy. Thank you to all attendees for your work to advance cancer care.

I am pleased this summit is taking place in Toronto. I hope everyone enjoys summer in our city and explores its vibrant neighbourhoods, including my favourite place in summer – the Toronto Islands.

On behalf of Toronto City Council, please accept my best wishes for an informative summit.

Yours truly,

A handwritten signature in blue ink, appearing to read "Olivia Chow".

Olivia Chow
Mayor of Toronto

Welcome to the

2025 Canadian Radiotheranostics Leaders' Summit

The Summit is an annual event held by the Canadian Nuclear Isotope Council (CNIC) and a consortium of leading Canadian academic centers (UHN, LHSC, BC Cancer, and CAMH), in partnership with the Canadian Medical Isotope Ecosystem (CMIE), that aims to bring together leaders from across the isotope supply chain, business and investment leaders, clinicians and patient partners, governments at all levels, students, and more, to shape the future to best serve patients.

In Canada, key partnerships and collaboration have allowed for cutting-edge innovation, new approaches and technology to produce emerging isotopes, and strategies to resolve supply challenges.

Ensuring equal access to radiopharmaceuticals and diagnostic scans, in addition to effectively incorporating radiotheranostics into cancer care, requires transdisciplinary collaboration of radiation oncologists, nuclear medicine physicians and technologists, radiologists, radiation and imaging scientists, along with dedicated infrastructure and a specialized supply chain. While Canada does possess much talent in this space, innovative models of care, infrastructure, and patient partnerships are needed to translate this exciting science into access to care and improved survival from cancer.

Goals and Objectives:

- Explore innovative and collaborative multi-disciplinary models of care with patient partnership towards building capacity and access to radiotheranostics in Canada
- Discuss emerging applications in molecular targeted therapies (beyond NET and Prostate)
- Discuss emerging technological advances in molecular imaging and therapeutics
- Explore how industry, academia, healthcare, and governments can collaborate to develop proactive, actionable solutions to overcome emerging challenges in the Canadian industry and healthcare sector
- Collectively develop a coordinated strategy to secure Canadian isotope supply chains, innovation, and a thriving health care sector

The theme of the 2025 Canadian
Radiotheranostics Leaders' Summit is

Seizing the Radioisotope Opportunity, from Coast to Coast.

DAY 1 AGENDA JUNE 12

TIME

8:00 AM

Registration & light breakfast

9:00 AM

Welcome to the Canadian Radiotheranostics Leaders' Summit

Dr. Patrick Veit-Haibach and Dr. Rebecca Wong, University Health Network

9:05 AM

Canadian isotope leadership: Proud past, bright future

James Scongack, Canadian Nuclear Isotope Council

9:25 AM

Keynote Presentation:

Optimizing radiopharmaceuticals for diagnostic and therapeutic applications

Dr. François Bénard, BC Cancer

Session Chair: Dr. David Jaffray, MD Anderson Cancer Center

9:50 AM

Panel – “So you want to run a clinical trial?”

Dr. Renise Ayearst, University Health Network

Dr. Stella Koumna, University of Alberta

Dr. Wendy Parulekar, Queen's University

Dr. Rebecca Wong, Princess Margaret Cancer Centre

Session Chair: Dr. Monika Krzyzanowska, Sunnybrook

10:30 AM

Coffee & Exhibitor Break

TIME

10:55 AM

Presentation – Towards tumour-agnostic trial designs

Dr. Janet Dancey, Canadian Clinical Trials Group
Session Chair: Dr. Rebecca Wong, University Health Network

11:20 AM

Speed Round – Canada's supply chain, production, and delivery network

Session Chair: Jacqueline Metzler, Siemens Healthineers

Canada's role within the global radioisotope production network

Hareesh Viswanathan, Boston Scientific

Journey through the Canadian supply chain – From mining to medicine

Sabrina Ullah, AtkinsRéalis

Deployment of radiotheranostics in regional health communities

Dr. Jonathan Boekhoud, Thunder Bay Regional Health

Leveraging Canadian cyclotron excellence – Advances in Ac-225 production

Dr. Hua Yang, TRIUMF

12:20 PM

Lunch and Exhibitor Break – Sponsored by Kinectrics

1:20 PM

Panel – Developing an all-inclusive approach to workforce capacity from production to patient delivery

Dr. Shane Harding, University Health Network
Chris Horne, Laurentis Energy Partners
Dr. Alvina Ng, Centre for Addiction and Mental Health
Christopher Topham, Canadian Association of Medical Radiation Technologists
Session Chair: Mike Hamilton, GE Healthcare

1:45 PM

Mini TEDTalks – Radiotheranostics and beyond...

Session Chair: Travis Besanger, Kinectrics

Beyond NET and prostate

Kim Allman, Telix Pharmaceuticals

Beyond the possibilities: The future role of dosimetry and SPECT in theranostics

Dr. Carlos Uribe, BC Cancer

Beyond cancer to neuroinflammation

Dr. Amy Boyle, Centre for Addiction and Mental Health

Beyond the promise: Delivering on the next chapter of radiotheranostics

Madhura Naik, Novartis



To access the full agenda with session descriptions and speaker information, please scan this QR code to go directly to the Summit web page.

TIME

2:25 PM

Panel – Canadian Radiotheranostics Dragons' Den

Dragos Berbecel, Portland Holdings
 Evelyn Pau, Amplitude Ventures
 Dr. Adam Shuhendler, University of Ottawa Heart Institute
 Damian Lamb, Genesys Capital Management
Session Chair: Ghadeer Shubassi, AtomVie Global Radiopharma

3:00 PM

Coffee and Exhibitor Break

3:25 PM

Speed Round: Combining radiotheranostics with research innovation of tomorrow

Session Chair: Dr. Patrick Veit-Haibach, University Health Network

From core to clinic to commercialization: How research underpins innovation in Canada

Dr. Karin Stephenson, McMaster University

Lu-PSMA RLT: Opportunities for combined therapies and adaptive dosing

Dr. Mina Swiha, London Health Sciences

Data-driven radioligand therapy: A strengthened role in the cancer treatment landscape

Dr. Ilya Gipp, GE HealthCare

Combining biological and physical targeting

Madeline Brown, University of Toronto

4:25 PM

Panel – Navigating reimbursement and capacity for radiotheranostics

Celine Landie, Novartis Canada
 Jane Lapon, Photocure
 Julia Publicover, University Health Network
 Dr. Amit Singnurkar, Sunnybrook
Session Chair: Frank Maiorino, Isologic Innovative Radiopharmaceuticals

5:00 PM

Closing Keynote

Jason Van Wart, Laurentis Energy Partners

5:10 PM

Cocktail Reception – Sponsored by Canadian Nuclear Laboratories

With remarks from Peter D'Amico, Canadian Nuclear Laboratories

DAY 2 AGENDA JUNE 13

TIME

8:00 AM **Light breakfast**

8:30 AM **Welcome Remarks and Opening**
Kathryn Hayashi and Owen Roberts, Canadian Medical Isotope Ecosystem

8:40 AM **Day 2 Keynote – Medical isotopes and building for tomorrow**
Chad MacLean, Bruce Power

8:50 AM **Regional radiotheranostics showcase – Part 1 – Cross-country innovation**
Session Chair: Lise Taylor, Laurentis Energy Partners
Radiopharmaceutical development in Vancouver, British Columbia
Dr. Joseph Lau, BC Cancer
Saskatoon's innovative use of targeted radionuclide therapy for infections and autoimmune diseases
Dr. Ekaterina (Kate) Dadachova, University of Saskatchewan
Toronto – Building a roadmap for a theranostics centre at UHN based on research experience: From vision, to reality
Dr. Luke Brzozowski, University Health Network
Radiotheranostics at the forefront: Showcasing Montreal's pioneering expertise
Dr. Daniel Juneau, University of Montreal

10:10 AM **Presentation – Radiopharmaceutical early stage and preclinical research partnerships in Canada**
Martin Poirier, Centre for Probe Development and Commercialization

10:25 AM **Coffee and Exhibitor Break – Sponsored by Kinectrics**



To access the full agenda with session descriptions and speaker information, please scan this QR code to go directly to the Summit web page.

TIME

10:50 AM **Regional radiotheranostics showcase – Part 2 – London’s radioisotope excellence deep dive**

Session Chair: Dr. Mina Swiha and Dr. Duncan Sutherland, London Health Sciences

How did we get here? The evolution of the Department of Molecular Imaging and Theranostics

Dr. Glenn Bauman, London Health Sciences

“Be careful what you wish for” – The first six months of implementing a provincially-funded ¹⁷⁷Lu-PSMA program

Dr. David Laidley, London Health Sciences

Future focus building towards excellence

Dr. Stephen Nelli, London Health Sciences

11:40 AM **Panel – Building a strong Canadian future in radioisotopes**

Kathryn Hayashi, Canadian Medical Isotope Ecosystem

Chief Conrad Ritchie, Saugeen Ojibway Nation

Dr. Brad Wouters, University Health Network

Government Representative

Session Chair: Pat Dalzell, Bruce Power

12:20 PM **Closing Remarks**

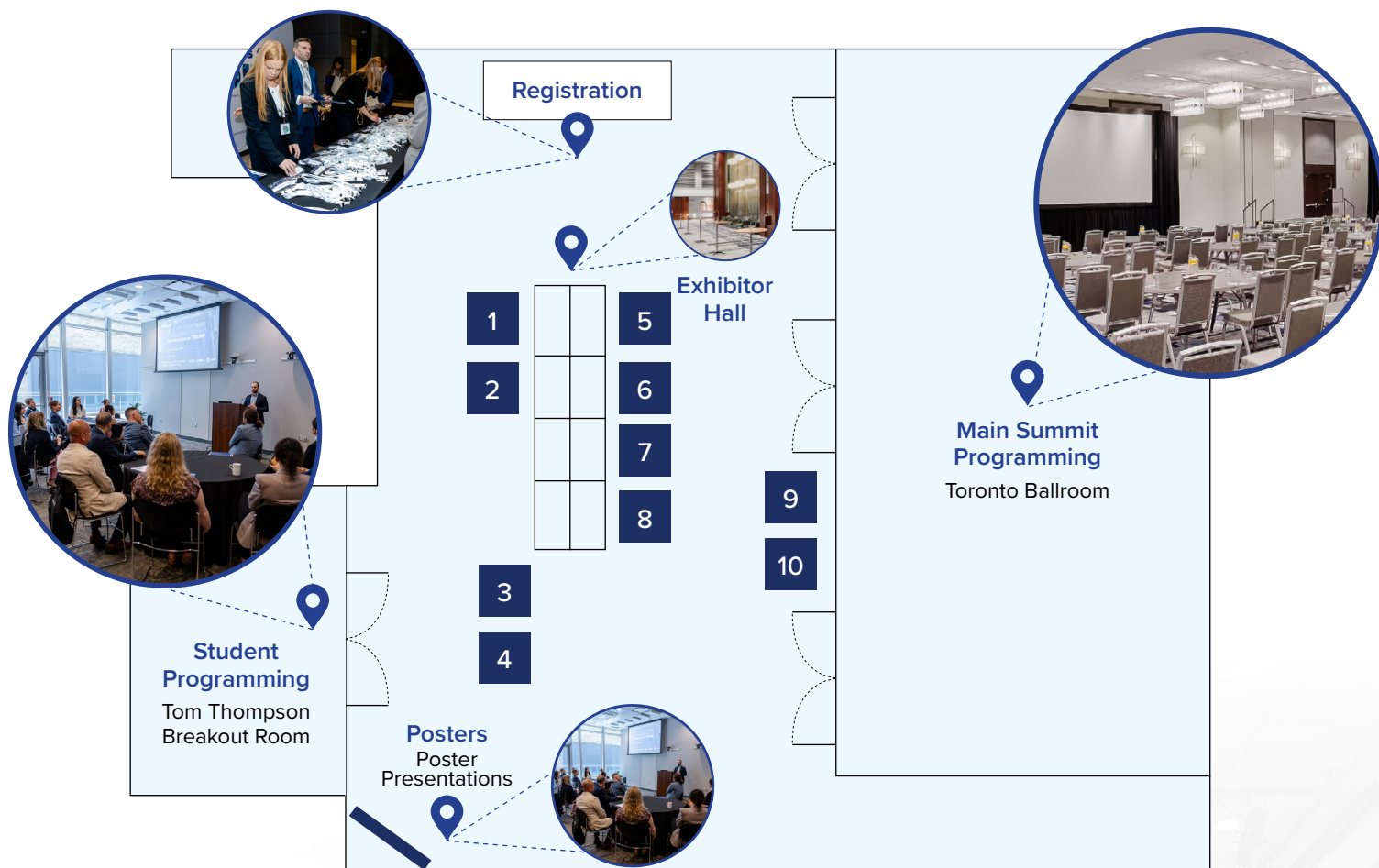
12:30 PM **Exhibitor time during exit**



To access the full agenda with session descriptions and speaker information, please scan this QR code to go directly to the Summit web page.



EXHIBITORS AND FLOOR PLAN



Exhibitors

- | | |
|--|--|
| 1 – Hemes Medical Solutions | 6 – Isologic Innovative Radiopharmaceuticals |
| 2 – Canadian Association of Nuclear Medicine | 7 – MorePETs Coalition |
| 3 – Eclipse Automation | 8 – Triskem International |
| 4 – Tema Sinergie | 9 – Laurentis Energy Partners |
| 5 – Sage Engineering Services | 10 – Lemer Pax America |



Student and Trainee Participation in the Canadian Radiotheranostics Leaders' Summit

Thanks to our Student Sponsor, Nordion, and support from the Southwestern Ontario Isotope Coalition, we are pleased to welcome 16 post-secondary students from across Canada to attend the Canadian Radiotheranostics Leaders' Summit.

The Student Track allows current students to participate in Summit networking activities and learn about exciting career opportunities in the lifesaving field of medical isotopes. On Day 1 of the Summit, students attend the main event programming and networking sessions alongside other Summit attendees. On Day 2, we are proud to host dedicated student programming that includes targeted sessions on career development and future opportunities in the industry.

In addition to the student program, we are also proud to host our first-ever Call for Abstracts, which provides 10 trainees in the field of theranostics and radiopharmaceuticals the opportunity to present their research at the Summit. Accepted abstracts will be presented as digital poster presentations throughout both days of the event during Networking Breaks. Posters will be presented at the location indicated on the floor plan on page 9.

For trainee author details and copies of the digital posters, please visit the Summit website.



SCHEDULE OF POSTER PRESENTATIONS

THURSDAY, JUNE 12

Lunch

12:30-12:40 PM

Adaptive External Beam and Radioligand Radiotherapy for MEtaStatic castration resistant prostate cancer (ARREST): a phase II registry-based RCT
Colin Belliveau

12:40-12:50 PM

Cyclic Changes of Absorbed Dose as a Biomarker for Radiological Response in Neuroendocrine Tumours Treated with [177Lu]Lu-DOTATATE
Mark Macsuka

12:50-1:00 PM

Efficacy of 177Lu-DOTATATE in Neuroendocrine Cancer of the Cervix Resistant to Conventional Systemic Therapies
Ibrahim Alrekhaïs

THURSDAY, JUNE 12

PM Coffee Break

3:05-3:15 PM

Cyclotron Production of Tb-155
Scott McNeil

3:15-3:25 PM

Optimization of Technetium-94m Production by Cyclotron Proton Irradiation of Phosphomolybdic Acid using an Automated Liquid Target System
Chloe Green

Cocktail Reception

5:30- 5:40 PM

Improved CXCR4-targeted radioligand therapy in neuroendocrine prostate cancer
Itzel Astiazarán-Rascón

5:40-5:50 PM

[225Ac]Ac[155Tb]Tb-J3-Panitumumab: A Targeted Alpha Therapy and SPECT/CTTheranostic for EGFR Expressing Breast Cancer
Joshua Mojica

5:50-6:00 PM

Examination of neuroinflammation in multiple sclerosis mouse models via quantification of cyclooxygenase-1 (COX-1) with the PET radioligand, [¹¹C]PS13.
Dominic Simpson

FRIDAY, JUNE 13

AM Coffee Break

10:30-10:40AM

Characterisation of a murine ovarian cancer model for nanoparticle-based radiotheranostics
Michael Valic

10:40-10:50 AM

Development of triaza-18-crown-6 chelators for radiotheranostic metals
Desiree Fiaccabrino

Success of the Leaders' Summit depends on our sponsors to support our vision.
Thank you to all sponsors of the 2025 Canadian Radiotheranostics Leaders' Summit.

Partner



Presenting



Platinum



Gold



Silver



Bronze



Thanks to an additional Bronze supporter preferring anonymity.

Student



Registration



Networking Cocktail Reception



Canadian Nuclear Laboratories

Laboratoires Nucléaires Canadiens

WiFi



Lunch/Coffee Break



