



# The 5<sup>th</sup> Annual CPO Research Symposium 2025 – **Discovery to Clinical Translation**

## **Symposium Synopsis**

Developing a successful cancer therapy can take more than 15 years and cost upwards of \$1 billion. The 5<sup>th</sup> annual Centre for Pharmaceutical Oncology (CPO) Research Symposium 2025 will bring together leading scientists, clinicians, and industry innovators to explore the transformative journey of cancer research from foundational discoveries to real-world clinical applications. This research day will showcase groundbreaking studies, novel therapeutic approaches, and advancements in current therapies that are reshaping the landscape of cancer treatments. Attendees will gain insights into the latest research on cancer biology, molecular targets, drug formulation, preclinical studies, clinical trial design, and patient treatment, while also addressing critical challenges in translating these findings into effective therapies. Keynote presentations, graduate student presentations and a poster session will highlight the emerging technologies and novel strategies being used to bridge the gap between laboratory research and patient care. The symposium will highlight the development of innovative cancer treatments which hope to improve patient outcomes and inspire the next generation of breakthroughs in oncology.

# The 5<sup>th</sup> Annual CPO Research Symposium 2025 – **Discovery to Clinical Translation**

Monday, May 12, 2025 at The Faculty Club, University of Toronto

<b>Registration and Breakfast</b>	8:00 - 8:45
<b>Welcome Remarks</b> Dr. Raymond Reilly, Ph.D., Director, CPO	8:45 - 9:00
<b>From the Bench to Clinical Trials – Keynote Address</b> <b>Dr. Paul Tardi, PhD - Keynote Speaker</b> Executive Director, Formulation Research at Jazz Pharmaceuticals Vancouver, British Columbia, Canada	9:00 - 10:00
<b>Graduate Student Oral Presentation</b> Topic: Target Identification, Validation & Drug Discovery Invited Student	10:00 - 10:15
<b>Identifying a Target + Lead Compound</b> <b>Dr. Cheryl Arrowsmith, PhD</b> Professor, Department of Medical Biophysics Faculty of Medicine, University of Toronto	10:15 - 10:55
<b>Refreshment Break</b>	10:55 - 11:15
<b>Graduate Student Oral Presentation</b> Topic: Drug Formulation & Delivery Systems Invited Student	11:15 - 11:30
<b>Drug Formulation</b> <b>Dr. Emmanuel Ho, PhD</b> Professor, School of Pharmacy	11:30 - 12:10

University of Waterloo, Waterloo, ON, Canada

<b>Lunch</b>	12:10-13:30
<b>Poster Presentations</b> Graduate Students and PDFs	12:40-13:30
<b>Graduate Student Oral Presentation</b> <b>Topic: Preclinical Research (<i>In Vitro</i> &amp; <i>In Vivo</i>)</b> Invited Student	13:30 - 13:45
<b>Preclinical Research</b> <b>Dr. Benjamin Lok, MD</b> Associate Professor, Department of Medical Biophysics Faculty of Medicine, University of Toronto	13:45 - 14:25
<b>Graduate Student Oral Presentation</b> Topic: Translational Research Invited Student	14:25 - 14:40
<b>Designing a Clinical Trial</b> <b>Dr. Lillian Siu, MD</b> Senior Scientist, Princess Margaret Cancer Centre Ontario Institute of Cancer Research, Toronto, ON, Canada	14:40 - 15:20
<b>Refreshment Break</b>	15:20 - 15:40
<b>Patient Treatment</b> <b>Dr. Nir Lipsman, MD, PhD</b> Associate Professor, Residency Program Director, Neurosurgery Sunnybrook Health Sciences Centre, Toronto, ON, Canada	15:40 - 16:20
<b>Closing Remarks and Awards</b> Dr. Raymond Reilly, Ph.D. Director, CPO	16:20-16:30