

The First Translational Medicine Certificate Course for Cancers in Children and Young Adults

Toronto, Ontario, Canada
April 30 – May 3, 2025



What This Course Offers



This four-day intensive course, presented by the Eureka International Institute in partnership with the University of Toronto, Princess Máxima Center, Oncode Institute, and Cancer Research UK's innovation engine, Cancer Research Horizons, brings together world-class expertise in the field of pediatric and young adult oncology. Aimed at professionals in translational research, this course will feature interactive sessions, keynote speakers, personalized mentoring, and the renowned Eureka curriculum to advance precision medicine and improve global cancer care.



Navigate the complex landscape of childhood and young adult oncology



Confront **real-world challenges** and obstacles through practical case studies



Receive **personalized mentoring** by experts in childhood and young adult cancers.



Hone **communication skills** to effectively convey complex scientific concepts.

Topics to be Explored

- Fundamentals and key concepts in translational medicine for childhood and young adult cancers.
- Negotiating drug supply, securing resources, and designing clinical trials for rare childhood and young adult cancers.
- Navigating intellectual property and regulatory challenges in oncology research.
- Bridging gaps through global collaborations and institutional partnerships.
- Advancing precision medicine in childhood and young adult cancers with innovative diagnostic tools and techniques.
- Integrating AI and real-world data into precision medicine research.
- Maximizing patient advocacy in research
- Strategies for fostering multidisciplinary teams.
- Methods for sharing large datasets between academic centers and industry partners.

Course Details & Application Information

Course Details

This course is designed for **professionals, including clinicians, scientists and other researchers** who are actively working in pediatric and young adult oncology and would like to deepen their expertise in translational medicine, while also connecting with leading experts and peers in the field.



April 30 - May 3rd, 2025

4 Days, 3 Nights



The Old Mill Inn, Toronto, Canada

9 Old Mill Rd, Etobicoke, ON, M8X 1G5, Canada



2000€/3022CA\$/2238US\$

Fee includes accommodation and meals. Full and partial subsidies are available through our partners.

How to Join

To apply for the course, please send the following documents to eureka.course@sickkids.ca by **November 26, 2024**.



Curriculum Vitae (CV)

A detailed overview of your academic and professional experience (5 pages max)



Personal Statement

Explain why this course aligns with your career stage and professional goals (1 page max)

Eureka Partners



The Eureka Curriculum

Learning Experience

- Interactive workshops focused on translational medicine
- Engaging keynote talks
- Daily reflection and feedback sessions

Peer Mentoring & Case Studies

- Collaborative case studies on translational challenges
- Faculty-guided discussions on real-world dilemmas
- Small group mentoring sessions

Career Development

- Networking with leaders in the field
- Insights from industry experts
- Building lasting professional connections
- Exploring career pathways in translational medicine

The Hidden Curriculum

- Learning through informal interactions and networking
- Enhancing skills through group exercises
- Social events designed for networking and mingling



Tentative Schedule



The Old Mill Inn, Toronto, Canada

April 30 – May 3rd, 2025

Day 1

April 30, 2025

- 5:00pm** Welcome to Eureka: What is Translation and Becoming a Translational Scientist
- 6:40pm** Skills of the Translational Scientist & the Role of the Translational Mentor
- 7:40pm** Dinner and Welcome Reception

Day 2

May 1, 2025

- 8:30am** Morning Primer
- 9:00am** Advocacy 101: The Role of Patients in Medicine and Research
- 10:25am** Professional Development Session: Team Development
- 11:45am** Open Science, How to Have More Impact, Changing Environments
- 1:00pm** Lunch Break
- 2:00pm** Preclinical Models
- 3:25pm** Keynote Address #1
- 5:00pm** Mentoring Session #1

Day 3

May 2, 2025

- 8:30am** Morning Primer
- 9:00am** Intellectual Property Protection for Academic Researchers
- 10:25am** Professional Development Session: When is Conflict Good & How Do You 'Fly Together'
- 11:45am** Drug Repurposing and Industry Collaborations
- 1:00pm** Lunch Break
- 2:00pm** Advanced Regulatory Considerations in Oncology
- 3:25pm** Case Study Session #1
- 4:45pm** Mentoring Session #2

Day 4

May 3, 2025

- 8:30am** Morning Primer
- 9:00am** Precision Medicine and Team Science
- 10:25am** Case Study Session #2
- 11:35am** Keynote Address #2
- 1:00pm** Lunch Break
- 1:50pm** Leveraging AI and Real-World Data in Translational Medicine
- 3:15pm** Closing Ceremony
- 4:15pm** Departure

*Breaks, dinners and social opportunities will also be interspersed between sessions each day