

4TH ANNUAL SYMPOSIUM

*Building Community For Therapeutics
Discovery and Precision Medicine*



UNIVERSITY OF
TORONTO

PRIME

NEXT-GENERATION PRECISION MEDICINE

Tuesday, October 25, 2022

9:00AM - 5:00PM EST

Registration Desk Opens 8:00AM EST

MaRS Discovery Centre Auditorium (In-Person Only)

661 University Ave, Toronto, ON

Registration Required Online

9:00-9:10 AM	Welcome & Opening remarks	Drs. Keith Pardee and Carolyn Cummins, PRiME Academic Co-Directors
9:10-9:15 AM	Institutional Strategic Initiative Overview	Dr. Tim Chan, Associate VP & Vice-Provost, Strategic Initiatives, UofT
SESSION 1		
9:15-10:00 AM	Academic Keynote Address <i>"Rapid response technologies for drug discovery, delivery and manufacturing"</i>	Dr. Bradley L. Pentelute, Professor, Department of Chemistry, Massachusetts Institute of Technology, USA
10:00-10:30 AM	Lightning Talks	PRiME 2022 Fellows
10:30-10:50 AM	BREAK	
SESSION 2		
10:50-11:10 AM	Early Career Faculty Talk <i>"Precision gene editing using Cas proteins guided by crXNAs"</i>	Dr. Basil Hubbard, Department of Pharmacology and Toxicology, Temerty Faculty of Medicine
11:10-11:30 AM	Early Career Faculty Talk <i>"How to learn the secrets of diseases: ultrasensitive protein detection using single-molecule arrays"</i>	Dr. Alana Ogata, Department of Chemistry, University of Toronto Mississauga
11:30-11:50 AM	Faculty Talk	Dr. Scott Prosser, Department of Chemistry, University of Toronto Mississauga
11:50-1:30 PM	Lunch & Poster Presentations	

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SESSION 3

1:30-1:50 PM

Faculty Talk
"Proactive precision medicine for acute porphyria by testing every missense variant"

Dr. Frederick Roth, Department of Molecular Genetics, Donnelly Centre

1:50-2:20 PM

Industry Speaker
"Industry Research Collaborations: Setting up for Success"

Moderated By:
Derek Newton, *Assistant VP, Innovation, Partnerships and Entrepreneurship, University of Toronto*

Dr. Jennifer Hamilton, President, Hamilton Biosciences, Scientific Advisory Board Member, CQDM

2:20-3:00 PM

Break and Poster Presentations

SESSION 4

3:00-4:30 PM

Panel Discussion
Build Something Big: From Idea to Impact

Moderated by Molly Shoichet, *Professor and Michael E. Charles Chair, Chemical Engineering, University of Toronto*

- **Christine Allen**, *VP Ecosystem Development, adMare*
- **Amol Deshpande**, *Senior Director Health Sciences, Ecosystem and Capital, MaRS DD*
- **Jacki Jenuth**, *Partner & COO, Lumira Ventures*
- **Dozie Amuzie**, *Head, JLABS*
- **James G. Boyle**, *Executive Director, Venture Development; Director, Blavatnik Fellowship in the Life Sciences, Yale University, USA*
- **Mark Taylor**, *Director of Commercialization, UHN*

4:30-4:40 PM

Closing Remarks

Drs. Keith Pardee and Carolyn Cummins, PRiME Academic Co-Directors

4:40-6:00 PM

Reception