



Society of Chinese Bioscientists in America (SCBA) and Chinese Biological Investigators Society (CBIS) Toronto Chapter

**2026 Scientific Symposium Program:
Frontiers in Biomedical science and technology innovation**

Friday, January 30, 2026

Location: Auditorium, SickKids Research Institute; 686 Bay St., Toronto, ON M5G 0A4

PROGRAM

- 8:00 a.m.** **Registration & Presentation (ppt) set up**
Light breakfast (first come, first served)
- 9:00 a.m.** **Symposium Opening**
Housheng Hansen He, PhD, President, SCBA Toronto chapter Land acknowledgement, Opening remarks
Stephen Scherer, M.D., Chief of Research, SickKids Research Institute (Introduced by Xi Huang)
Welcome remarks, Welcome to the 2026 Annual Symposium
- 9:15 a.m.** **Session I - Cancer and Neuroscience - Fei-Fei Liu, Qi Yang**
- 9:15 a.m.** **Mathieu Lupien, PhD, PM/UHN**
“Hijacking the Repeat Genome to Drive Metastatic Prostate Cancer.”
- 9:35 a.m.** **Kullervo Hynynen, PhD, University of Toronto**
“Focused ultrasound for brain treatments.”
- 9:55 a.m.** **Zhong-ping Feng, PhD, University of Toronto**
“Learning and Memory Mechanisms in *Lymnaea stagnalis*.”
- 10:15 a.m.** **James C. Kennedy, MD, CAMH**
“Moving Genetic Discoveries in Neuropsychiatric Disorders into Clinical Practice.”
- 10:35 - 10:45 a.m.** **Break**
- 10:45 - 12:30 p.m.** **Session II - Molecular Medicine - Ming Tsao, Liting Wang**
- 10:45 a.m.** **Marianne Koritzinsky, PhD, PM/UHN**
“Thiol catabolism as a cancer vulnerability.”
- 11:05 a.m.** **Shirley Wu, PhD, University of Toronto**
“Harnessing Nanomaterial-biology Interplay to Design Multi-targeting Nanomedicines for Enhancing Cancer Therapies.”
- 11:25 a.m.** **Timothy Corson, PhD, University of Toronto**
“Targeting heme synthesis for ocular disease therapy and beyond.”
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- 11:45 a.m.** **Ronald Cohn (Keynote), MD, Sickkids**
“Precision Child Health-a new era on the horizon.”
- 12:20 - 1:30 p.m.** **Lunch Break & Poster Session**
- 1:30 - 2:50 p.m.** **Session III - Cardiopulmonary Disease - Peter Liu, John Zhang**
1:30 p.m. **Peter Liu, MD, University of Ottawa**
“Microbiome-Immune crosstalk in ameliorating obesity-cardiometabolic disease.”
- 1:50 p.m.** **Milica Radisic, PhD, University of Toronto**
“Self-Driving Laboratory for Vascularized Human Organ-on-a-Chip Cultivation.”
- 2:10 p.m.** **Heyu Ni, MD, PhD, St Michael’s Hospital**
“Platelets are versatile cells: New discoveries and implications for cardiovascular and immunological diseases.”
- 2:30 p.m.** **Haibo Zhang, MD, PhD, St Michael’s Hospital**
“Exploring cell therapy in ARDS: mechanisms, challenges, and future directions.”
- 2:50 - 3:00 p.m.** **Break**
- 3:00 - 4:10 p.m.** **Trainee Rapid Fire Presentation - Mingyao Liu, Robert Zhang, Liuxin Han**
Presentation Award Evaluation- Chao Zheng
- Trainees (Alphabetical order):
Akheralie, Zaleena; Chen, Rachel Ziyang; Chia, Justin; Christian, Raveen; Eide, Sarah; Feng, Jia Nuo; Gong, Fanglin; Hendry, Mitch; Li, Jinsheng; Ray, Tirthankar; Wang, Mutian; Weng, Hanyi (Tina); Yang, Lin; Zhang, Zhanwen (John)
- 4:10 - 5:10 p.m.** **Session IV - Technology Innovation (AI) - Gang Zheng, Ziyu Zhou**
4:10 p.m. **Yiming Wang, MD, PhD, Sickkids**
“Early cancer risk stratification for childhood cancer predisposition syndromes.”
- 4:30 p.m.** **Bowen Li, PhD, University of Toronto**
“Development of Programmable mRNA Nanomedicines for Precision Cancer Therapy.”
- 4:50 p.m.** **Jun Ma, PhD, PM/UHN**
“Multimodal AI Models for Biomedical Image Analysis.”
- 5:10 - 5:15 p.m.** **Closing remarks**
Housheng Hansen He, PhD, President, SCBA Toronto Chapter
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DINNER SESSION (6:00-9:30pm, January 30, 2026)

Venu: Dim Sum King Restaurant
421 Dundas St W 3rd floor, Toronto, ON M5T 2W4

Parking: Green P Parking
40 Larch St, Toronto, ON M5T 3J6

Hosts: Hong Han, Yiming Wang, Maria Yang, Ziyu Zhou, Liuxin Han

6:00 - 6:30 p.m.	Registration and Seating
6:30 p.m.	Dinner Opening
7:00 p.m.	Award Ceremony
7:30 p.m.	Entertainment Program
8:00 p.m.	Networking Session
9:00 p.m.	Prize Draw
9:30 p.m.	Closing & Group Photo





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