Hokkaido-Montréal Bilateral Symposium on Advanced Life Sciences

July 10th 2026 | Sapporo, Hokkaido University
The Auditorium, Faculty of Veterinary Medicine

UNIVERSITÉ DE MONTRÉAL

James Omichinski
Identifying functional short linear interaction motifs (SLiMs) in human and viral proteins

Pascale Legault
How the Zika Virus Capsid Protein Inhibits Dicer and Disrupts microRNA Maturation

Sven van Teeffelen
The physics and physiology of bacterial cell shape and size

Frédérique Le Roux
Oysters as living laboratories: natural experiments in vibrio-phage ecology

Louis-Eric Trudeau
Understanding the origin of Parkinson's disease from both a cell-autonomous and a non-cell-autonomous perspective

Hélène Girouard
Hypertension and Cognitive Decline: The Cerebrovascular Inflammation Link

Malik Chaker-Margot
Towards a structural understanding of cell motility regulation in cancer

Mike Strauss
Early phases of infection: understanding viral uncoating in picornaviruses

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Tomoyasu Aizawa
NMR Analysis Strategies for Antimicrobial Peptides as Immune Effector Molecules

Akira Kitamura
Dissecting TDP-43 condensates and repeat RNA folding by live-cell biophotonics

Yuma Yamada
Mitochondrial Delivery as a Gateway to Therapeutic Innovation

Toyotaka Sato
Antimicrobial Resistance in Companion Animals

Fumio Motegi
Cooperative induction of oogenesis by cytoplasmic suction within germline cysts

Fumino Fujiyama
Morphological Reevaluation of Basal Ganglia Network

Katsumi Maenaka
Advancing Infectious Disease Research via Cryo-EM Infrastructure at Hokkaido University: Contributions to COVID-19 Therapeutics and Future Bilateral Collaborations

Nobuo Noda
Mechanistic dissection of de novo autophagosome formation

Organizers
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