

- 8h30 Ouverture du Bureau d'Inscription / Registration Desk Opens  
Entrée Salle de Bal / Ballroom Lobby
- 8h30-9h00 Installation des Affiches / Poster Set-up  
Café & Croissants avec les Exposants / Coffee & Croissants with Exhibitors  
Salle de Bal / Ballroom
- 9h00-9h10 Mots d'Ouverture / Opening Words – Martin Schmeing, *McGill University*

Salle de Bal / Ballroom A Séance 1 / Session 1

Sous la Présidence de / Session Chair: Chris Thibodeaux, *McGill University*

- 9h10-10h00 Nenad Ban, *ETH Zürich, Switzerland*  
Revealing the machinery for production of proteins in human cells
- 10h00-10h30 Graeme Howe, *Queen's University, Canada*  
Genome mining for "extremozymes" – Extremophiles as sources of novel biocatalysts
- 10h30-10h45 Hubert Taieb, *Comet Technologies Canada Inc.*, Prix Annuel Excellence du FRQ-S  
From Bone X-Ray images to quantitative analysis and how to get there with Dragonfly

10h45-11h05 Pause Santé avec les Exposants & Session d’Affiche / Health Break with Exhibitors & Poster Session

Salle de Bal / Ballroom A Séance 2 / Session 2

Sous la Présidence de / Session Chair: Natalie Reznikov, *McGill University*

- 11h05-11h55 Eilika Weber-Ban, *ETH Zürich, Switzerland (by Zoom)*  
Mayday in mycobacteria: Ubiquitin-like modification, proteasomes, and transcription adaptation
- 11h55-12h25 Shuaiqi 'Phil' Guo, *McGill University, Canada*  
Microbial adhesion: *in situ* architectures at the cell-cell junctions
- 12h25-12h40 Thirumalai Ulaganathan, *Sygnature Discovery*  
An optimized fragment library for crystallographic fragment screening : the case of SOS2



12h40-13h30 Diner avec les Exposants & Session d’Affiche / Lunch with Exhibitors & Poster Session

Salle de Bal / Ballroom A Séance 3 / Session 3

Sous la Présidence de / Session Chair: Rodrigo Reyes-Lamothe, *McGill University*

- 13h30-14h20 Harald Hess, *HHMI/Janelia, USA*  
Larger volume imaging with electrons and cryo-super-resolution microscopy
- 14h20-14h35 Natalia Frota Oliveira, *McGill University, Canada*, Prix Annuel Excellence du FRQ-S  
High-throughput bioengineering of nonribosomal peptide synthetases to help make new therapeutics
- 14h35-14h45 Transition vers les sessions parallèles / Transition to split sessions

Sous la Présidence de / Session Chair: Sabrina Romanelli, *McGill University*

- 14h45-14h57 Lucia Youssef, *McGill University*  
A rebuildable strong quick-release biointerface in mussels mediated by serotonergic cilia-based adhesion
- 14h57-15h09 Kody Klupt, *Queen's University*  
Development of a de novo protein binder to inhibit the alpha kinase, eEF2K
- 15h09-15h21 Shreya Krishnan, *McGill University*  
Assembly of the Tn7 targeting complex at sites of DNA replication
- 15h21-15h33 Gregory Quevedo, *Yale University*  
Elucidating the mechanism of TRPA1 desensitization
- 15h33-15h45 Benazir Khurshid, *McGill University*  
Characterization of mineralized bone trabeculae formed in vitro by the OmGFP66 osteogenic cell line

Sous la Présidence de / Session Chair: Julian Wagner, *McGill University*

- 14h45-14h57 Danilo Ide, *McGill University*  
Structural analysis of mammalian sialic acid esterase
- 14h57-15h09 Emma Davison, *Queen's University*  
The structural basis for kinesin-8 motor protein dimerization and cooperativity
- 15h09-15h21 Emma Kelly, *McGill University*  
Crystal structure of fungal cell wall synthesis protein Och1, a cis-Golgi  $\alpha$ -1,6-mannosyltransferase, reveals N-glycan specific binding site
- 15h21-15h33 Eric Barbeau, *University of Sherbrooke*  
Study of the prostaglandin transporter by X-ray crystallography
- 15h33-15h45 Masoumeh Shafieidarabi, *McGill University*  
Budding yeast decision-making for DNA damage response activation during DNA replication

- 15h45-17h45 Salon des Affiches & Salon des Exposants / Poster Pub & Exhibition Area Open
- 17h45-18h00 Présentation des Prix & Remerciements / Presentation of Awards & Closing Words



Seeing beyond