

- 8h00 Ouverture du Bureau d'Inscription / Registration Desk Opens
Entrée Salle de Bal / Ballroom Lobby
- 8h00-9h00 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: Rodrigo Reyes, *McGill University*

- 9h10-10h00 Alessandro Costa, *Francis Crick Institute, London, UK*
Activation of an origin of replication visualised by cryo-EM
- 10h00-10h30 Siavash Vahidi, *University of Guelph, Canada*
Mechanisms of allosteric regulation of *M. tuberculosis* proteasome function
- 10h30-10h45 Lauralicia Sacre, *McGill University*, Prix Annuel Excellence #1
Understanding the role of Pol II- β -clamp interactions in polymerase switching during TLS

10h45-11h15 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: Chris Thibodeaux, *McGill University*

- 11h15-12h05 Maria Spies, *Carver College of Medicine, University of Iowa, USA*
Replicate, repair or recombine? Conformational dynamics of the replication protein A
- 12h05-12h20 Annie Shao, *McGill University*, Prix Annuel Excellence #2
Biochemical and structural characterization of *Pseudomonas aeruginosa* cyclopropane fatty acid synthase

12h20-13h45 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: Natalie Zeytuni, *McGill University*

- 13h45-14h35 David Schriemer, *University of Calgary, Canada*
Structural proteomics: tools for a post-AlphaFold2 world
- 14h35-15h05 Jérôme Waldispühl, *McGill University, Canada*
Non-canonical base pair interactions improve the scalability and accuracy of the prediction and analysis of RNA 3D structures

15h05-15h20 Pause / Break

Salle de Bal / Ballroom A

Séance 4 / Session 4

Sous la Présidence de / Session Chair: Garvit Bhatt, *McGill University*

15h20-15h35 Dominic Arpin, *McGill University*

Cooperativity of ribosome assembly GTPases in the maturation of the bacterial large subunit

15h35-15h50 Michael Wozny, *McGill University*

Cryo-electron microscopy of poliovirus VP4

15h50-16h05 Hossein Davarinejad, *University of Ottawa*

The histone H3.1 variant regulates TONSOKU-mediated DNA repair during replication

16h05-16h20 Angelos Pistofidis, *McGill University*

Structural and biochemical studies of the chemical mechanism of condensation in nonribosomal peptide synthetases (NRPSs)

Salle du Parc / du Parc Room

Séance 5 / Session 5

Sous la Présidence de / Session Chair: Avrin Ghanaeian Miandoab, *McGill University*

15h20-15h35 Tara Shomali, *McGill University*

Characterization of small molecule inhibitors of PINK1

15h35-15h50 Meriem Beniani, *INRS-Armand-Frappier*

Discovery of a new virulence factor in *H. pylori*

15h50-16h05 Daniel Moses, *McGill University*

The discovery and characterization of two novel structural motifs on the C-terminal domain of kinetoplastid RNA editing ligases

16h05-16h20 Léonie Frigon, *Université de Montréal*

Structural and functional analysis of the human PARP4 catalytic domain

Salle de Bal / Ballroom A and B

Séance 6 / Session 6

16h20-18h00 Salon des Affiches & Salon des Exposants / Poster Pub & Exhibition Area Open
Présentation des Prix & Remerciements / Presentation of Awards & Closing Words

