8ème Colloque Annuel du CRBS – 2 novembre 2026
8th Annual CRBS Symposium - November 2, 2026,

8h30 Ouverture du Bureau d'Inscription / Registration Desk Opens
Foyer 3

8h30-9h00 Installation des Affiches / Poster Set-up
Foyer 3

Café avec les Exposants / Coffee with Exhibitors
Foyer 3

9h00-9h10 Mots d'Ouverture / Opening Words – Martin Schmeing, *McGill University*
Salons Cartier I & II

Salon Cartier I & II — Séance 1 / Session 1

Sous la Présidence de / Session Chair: Codruta Ignea, *McGill University*

9h10-10h00 Nikos Hatzakis, *University of Copenhagen, Denmark*
4D single particle microscopy and AI augmented analysis for designed and enhancing delivery of pharmaceutics

10h00-10h30 Martin Audet, *Université de Sherbrooke, Canada*
Prostaglandin receptors and transporters: structural foundations for drug discovery

10h30-10h45 Mathieu Rivard, *McGill University*, Prix Annuel d'Excellence du FRQ-S
The role of histidine-rich adhesive proteins in mussel adhesive curing

10h45-11h10 Pause Santé avec les Exposants & Session d'Affiches / Health Break with Exhibitors & Poster Session
Foyer 3

Salon Cartier I & II — Séance 2 / Session 2

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

11h10-12h00 Karla Satchell, *Northwestern Feinberg School of Medicine, USA*
Vibrio vulnificus MARTX toxin surface interactions and effector activities

12h00-12h30 Bastien Castagner, *McGill University*
Disarming *Clostridioides difficile*: the therapeutic potential of inositol phosphate analogues

12h30-13h30 Diner avec les Exposants & Session d'Affiches / Lunch with Exhibitors & Poster Session
Foyer3

Salon Cartier I & II — Séance 3 / Session 3

Sous la Présidence de / Session Chair: Shuaiqi Guo, *McGill University*

13h30-14h20 Peijun Zhang, *Nuffield Department of Medicine at Oxford University, UK*
Structural biology cross-scale: from chromatin dynamics to HIV-1 nuclear transport and Pol II mechanisms

14h20-14h35 Thisuri Nethmini Wanniarachchi, *McGill University*, Prix Annuel d'Excellence du FRQ-S
Structural snapshots of a hybrid megaenzyme

14h35-14h50 Transition vers les sessions parallèles / Transition to split sessions

Salon Cartier I — Séance 4 / Session 4

Sous la Présidence de / Session Chair: Antoine Moitessier, *McGill University*

14h50-15h02 Fatemeh Rezaei, *University of Ottawa*
A sterol-binding cavity underlies sterol recognition and differential activation of the ABCG5/G8

15h02-15h14 Danielle Simons, *McGill University*
Beyond protein import: new insights into mitochondrial processing peptidase function and regulation

15h14-15h26 Michael Pinter, *University of Queensland*
Downsizing acid sensing ion channels for mirror image drug discovery

15h26-15h38 Ashkan Shahsavan, *McGill University*
Cryo-EM structure of a bacterial magnesium transporter

15h38-15h50 Kainat Zahra, *University of Ottawa*
Molecular Recognition of KMT2F/G by the WD40 Protein WDR82

Salon Cartier II — Séance 5 / Session 5

Sous la Présidence de / Session Chair: Mia Yang, *McGill University*

14h50-15h02 Mingyu Wang, *McGill University*
Structural basis of the *Vibrio cholerae* adhesion protein FrhA and its inhibition

15h02-15h14 Ian Neidigh, *Yale University*
The cellular environment differently modulates heat and cold denaturation of phosphoglycerate kinase

15h14-15h26 Lee Rowsell, *McGill University*
The native structure of the *Trichonympha* centriole cartwheel reveals a zigzag stacking pattern

15h26-15h38 Marcelo Muniz Corrêa, *Université de Montréal*
Evaluation of structure and dynamics of full-length PARP1 bound to DNA under the effect of PARP inhibitors

15h38-15h50 Elaine Wang, *McGill University*
Structural tuning of native type V fimbriae shapes mechanical specialization in *Porphyromonas gingivalis*

Foyer 3 — Séance 6 / Session 6

15h50-17h45 Salon des Affiches & Salon des Exposants / Poster Pub & Exhibition Area Open

17h45-18h00 Présentation des Prix & Remerciements / Presentation of Awards & Closing Words
Salon Cartier I & II

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