

Programmation scientifique

HORAIRE - Mercredi, 27 juillet 2022

7 h 00 – 8 h 30	Petit-déjeuner
8 h 30 – 9 h 30	<i>The assembly and function of motion-selective retinal circuits</i> Arjun Krishnaswamy, PhD Université McGill, Montréal, Québec, Canada
8 h 45 – 9 h 45	<i>Effects of vision loss on the brain's internal compass</i> Stuart Trenholm, PhD Université McGill, Montréal, Québec, Canada
10 h 30 – 11 h 00	Pause Consultation libre des affiches
11h 00 – 12 h 00	Session 2: Présentations orales étudiantes “éclaircs”
12 h 00 – 14 h 00	Lunch
14 h 00 – 15 h 00	<i>Optogenetic retinal therapy and cell type specific therapies</i> Botond Roska, MD, PhD Institute for Molecular and Clinical Ophthalmology, Bâle, Suisse
15 h 00 – 15 h 30	Session photo et temps libre
15 h 30 – 15 h 45	Pause Consultation libre des affiches
15 h 45 – 17 h 30	Temps libre (activités plein air ou autre)
17 h 30 – 18 h 30	<i>A solution to the worldwide myopia epidemic: A tale of translation from bench to clinic</i> Maureen Neitz, PhD University of Washington, Seattle, Washington, États-Unis
18h 30 – 19 h 30	Session 3 : Présentation des affiches (chiffres pairs)
19 h 30	Dîner et gala

Horaires détaillés

Présentations orales – chiffres impairs

Résumé



Session 2 : Mercredi 27 juillet 11h00-12h00

Modérateur : **À venir, PhD**

7	11h00	 Mesure fonctionnelle de la quantité de lumière détectée par les bâtonnets <u>Geneviève Rodrigue</u> , Laurine Paris, Judith Renaud, Rémy Allard
11	11h10	La synthèse de corps cétoniques par l'endothélium ischémique favorise l'angiogenèse pathologique dans la rétinopathie proliférante <u>Charlotte Betus</u> , Candace Yang, Gael Cagnone, Emilie Heckel, Tapan Agnihotri, Sheetal Pundir, Jose Carlos Rivera, Grant Mitchell, Jean-Sébastien Joyal
13	11h20	Pten Regulates the Development of Starburst Amacrine Cell Dendrites <u>Teva Bracha</u> , Kevin Wright
15	11h30	 Mast cell activation contributes to experimental choroidal neovascularization <u>Rabah Dabouz</u> , Pénélope Abram, Carlos José Rivera, Sylvain Chemtob
25	11h40	Wound healing response of the alkali burnt cornea after treatment with novel anti-inflammatory drugs <u>Neethi Thathapudi</u> , Marc Groleau, Naoufal Akla, Marie-Claude Robert, May Griffith
31	11h50	Asymmetries in Connections Between Wide-Field Amacrine Cells and Starburst Amacrine Cells in the Mouse Dorsal Retina <u>Iliia Capralov</u>

Horaire détaillés

Présentations par affiche – chiffres pairs

Résumé	
Session 3 : Mercredi 27 juillet 18h30-19h30	
2	 <p>Assessment of Visual Function in a Snf2h Knockout Mouse Model of Retinal Degeneration Skyra Cheng, Pamela Lagali, Adam Baker, Catherine Tsilfidis</p>
4	<p>Evaluation and Adaptation of the FACE-Q Craniofacial Patient-Reported Outcome Measure for Ophthalmology Patients Farheen Khan, Roxanne Noronha, Sara Williams, Karen Wong-Riff, Asim Ali, Helen Dimaras</p>
6	<p>Tear evaporation rate and influential factors measuring with the Waterloo Evaporimeter Naeimeh Monfared, Paul J. Murphy</p>
8	<p>An ideal observer analysis of letter identification in wavelet noise mimicking spatial scrambling in amblyopia Xingqi Raffles Zhu, Alex Baldwin, Robert Hess</p>
10	 <p>Comparing normal and optogenetically restored vision Nicole Arnold, Rudi Tong, Aude Villemain, Stuart Trenholm</p>
12	<p>3D Printed Tactile Maps to Improve Spatial Learning of Blind Individuals Maxime Bleau, Natalina Martieniello, Joseph Paul Nemargut, Maurice Ptito</p>
14	<p>The role of neuron-glia communication in retinal maturation Thomas Brown, Shashank Srikanta, Nicolas Cemarkian, Michel Cayouette</p>
16	<p>Novel approaches to stimulate regeneration in the mammalian retina David Luke Ajay, Michel Cayouette</p>
18	<p>Insulin promotes RGC dendrite regeneration through ribosomal protein S6 kinase activation leading to restoration of neuronal function in glaucoma Sana El Hajji, Yukihiro Shiga, Nicolas Belforte, Yves Carpentier Solorio, Philippe D'Onofrio, Florence Dotigny, Nathalie Arbour, Adriana Di Polo</p>
20	<p>The role of the dorsal raphe in visually guided behavior Jonas Lehnert, Kerry Yang, Kuwook Cha, Anmar Khadra, Erik Cook, Arjun Krishnaswamy</p>
22	<p>The role of cadherin 4 in the assembly of off retinal circuits Aline Giselle Rangel Olguin, Pierre-Luc Rochon, Catherine Theriault, Arjun Krishnaswamy</p>
24	<p>Time-course analysis of human trabecular meshwork single cell contraction after a 5-day dexamethasone treatment Luis Sanchez, Jie J. Zheng</p>

Horaire détaillés

Présentations par affiche – chiffres pairs

Résumé

Session 3 : Mercredi 27 juillet 18h30-19h30

26	A novel femtomolar hemodynamic modulation strategy reveals major microvascular defects in glaucoma at single-pericyte scale Deborah Villafranca-Baughman , Luis Alarcon-Martinez, Jorge L. Cueva Vargas, Nicolas Belforte, Florence Dotigny, Adriana Di Polo
28	Designing Injectable Liquid Corneas for Patients at High Risk for Rejecting Corneal Transplantation: synthesis, characterization, in vitro biocompatibility study Mostafa Zamani , Mozghan Aghajanzadeh, May Griffith
30	Light-evoked RGC calcium dynamics are altered in glaucoma: live imaging evidence of abnormal calcium clearance Yukihiro Shiga, Aline Giselle Rangel Olguin, Luis Alarcon-Martinez, Nicolas Belforte, Heberto Quintero, Deborah Villafranca-Baughman, Florence Dotigny, Arjun Krishnaswamy, Adriana Di Polo