

Scientific program

PROGRAM – Thursday, July 28th 2022

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| 7 h 00 – 8 h 45 | Breakfast |
| 8 h 45 – 9 h 45 | <i>An overview of vision rehabilitation: what we can do now while we wait for the 'cure'?</i> Walter Wittich, PhD, FAAO, CLVT École d'optométrie, University of Montreal, Montreal, Quebec, Canada |
| 9 h 45 – 10 h 45 | <i>How to discover a new retinal gene for retinal degeneration, build a human database and perform a human therapeutic trial for blindness</i> Robert Koenekoop, MD, PhD Montreal Children's Hospital, McGill University Health Center, Montreal, QC, Canada |
| 10 h 45 – 11 h 00 | Break Poster viewing |
| 11h 00 – 12 h 00 | Session 4: Flash talks by students |
| 12 h 00 – 12 h 15 | Closing comments and wrap-up Adriana Di Polo, PhD University of Montreal, Montreal, Quebec, Canada Stuart Trenholm, PhD McGill University, Montreal, Quebec, Canada |
| 12 h 30 – 14 h 00 | Lunch |
| 14 h 00 -14 h 15 | Boarding – Shuttle « Symphony Bus International » St-Paulin-Montréal Le Baluchon Éco-Villégiature |
| 14 h 15 | DEPARTURE (duration: 2h00) |
| 16 h 30 | ARRIVAL at MONTREAL Station de métro Berri-UQAM (corner Berri & de Maisonneuve), Montreal, QC |


Detailed programs

Oral Presentations – odd numbers

Abstract

Session 4 : Thursday July 28 11:00am-12:00pm

Moderator: : To come, PhD

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| 2 | 11h00 |  Assessment of Visual Function in a Snf2h Knockout Mouse Model of Retinal Degeneration Skyra Cheng , Pamela Lagali, Adam Baker, Catherine Tsilfidis |
| 8 | 11h10 | An ideal observer analysis of letter identification in wavelet noise mimicking spatial scrambling in amblyopia Xingqi Raffles Zhu , Alex Baldwin, Robert Hess |
| 12 | 11h20 | 3D Printed Tactile Maps to Improve Spatial Learning of Blind Individuals Maxime Bleau , Natalina Martieniello, Joseph Paul Nemargut, Maurice Ptito |
| 16 | 11h30 | Novel approaches to stimulate regeneration in the mammalian retina David Luke Ajay , Michel Cayouette |
| 22 | 11h40 | The role of cadherin 4 in the assembly of off retinal circuits Aline Giselle Rangel Olguin , Pierre-Luc Rochon, Catherine Theriault, Arjun Krishnaswamy |
| 26 | 11h50 | 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 |