



MONTREAL CONFERENCE ON PAIN CIRCUITS

PRELIMINARY PROGRAM

Thursday, July 20, 2023

19h00 Networking event (Salon Concerto, Delta Hotel)

Friday, July 21, 2023

8h00 Continental breakfast (IRCM lobby), welcome remarks

NEUROPATHIC PAIN

Session chair: TDB

8h30 **Cedric Peirs:** *Plasticity of Sensory Processing by Spinal Dorsal Horn Neurons after Neuropathy*

9h00 **Wendy Imlach:** *LanCL1: a Novel Therapeutic Target for the Treatment of Neuropathic Pain*

9h30 Trainee

9h45 Trainee

10h00 Coffee break

10h30 **Greg Corder:** *Mimicking Opioid Analgesia in Cortical Nociceptive Circuits*

11h00 **Victoria Abraira:** *Context is Key: Oxytocin to Treat Pain*

11h30 **Arnab Barik:** *Central Circuits for Pain-induced Coping Behaviors*

12h00 Buffet lunch, networking and poster viewing

CENTRAL PAIN CIRCUITS I

Session chair: TBD

13h30 **Ulrich Zeilhofer:** *Kcnp2 Neurons in Dorsal Horn Cold Processing Circuits*

14h00 **Bo Duan:** *The Dual Nature of Cold: Unraveling the Neural Circuits for Cool Sensing and Cold Allodynia*

14h30 TBD

15h00 Trainee

15h15 Trainee

15h30 Coffee break

16h00 **Maria Fitzgerald:** *Key Steps in Building Healthy Pain Circuits in the Brain*

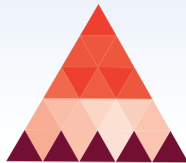
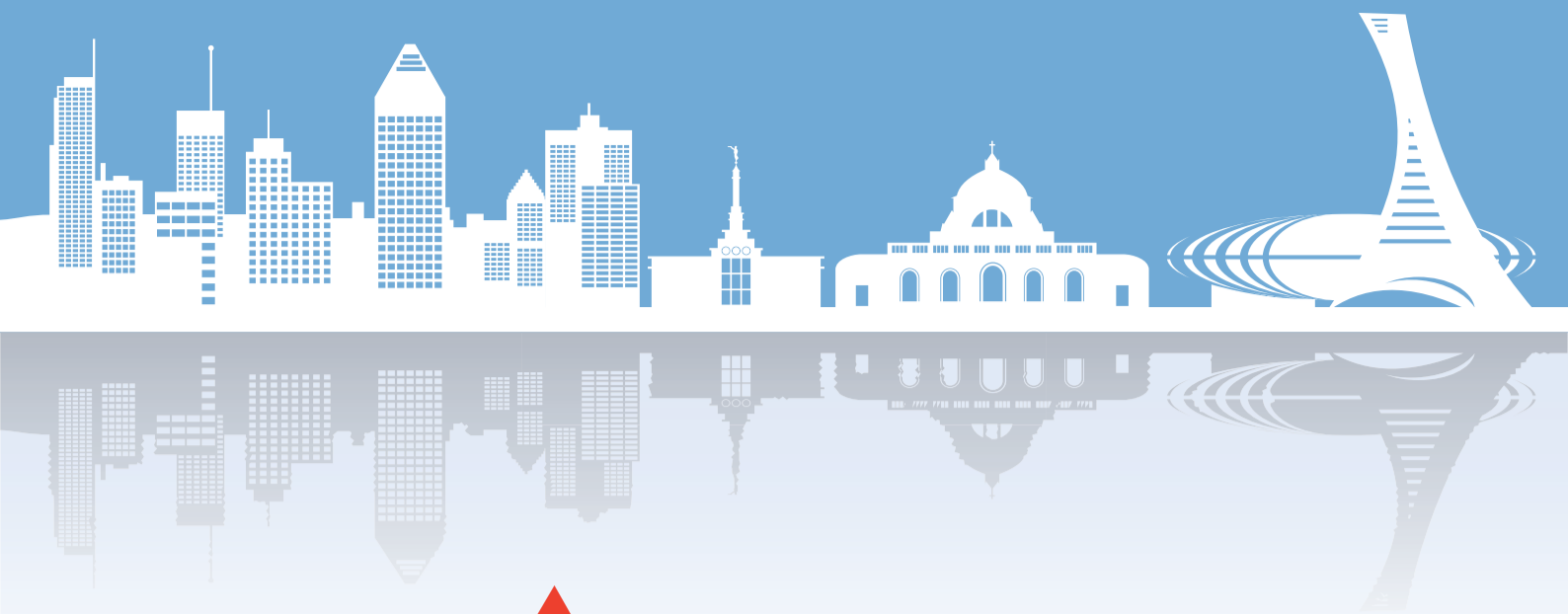
16h30 **Steven Prescott:** *The Role of Synchrony in Sensation Revealed by Spinal Cord Stimulation*

17h00 **Martyn Goulding:** *Spinal and Brainstem Circuits for Itch and Pain*

17h30 **Sung Han:** *Peptidergic transmission plays an important role in the parabrachial-to-amygdalar central pain circuit*

18h00 Plenary discussion

18h30 Wine and cheese networking and poster viewing (IRCM lobby)



MONTREAL CONFERENCE ON PAIN CIRCUITS

Saturday, July 22, 2023

7h30 Continental breakfast (IRCM lobby)

ASCENDING AND DESCENDING PATHWAYS

Session chair: TBD

- 8h30 **Sebastian Choi:** *Ascending Somatosensory Pathways that Shape the Sense of Touch and Pain*
- 9h00 **Mark Hoon:** *A Noradrenergic Descending Pain Circuit*
- 9h30 **Mike Salter:** *Sex and Pain: It's Not Always About the Differences*
- 10h00 Trainee
- 10h15 Trainee
- 10h30 Coffee break
- 11h00 **Allan Basbaum:** *Long-term Imaging of Pain Processing in the Brain and Spinal Cord of the Awake, Behaving Mouse*
- 11h30 **Jordan McCall:** *Endogenous Opioid Regulation of Locus Coeruleus-mediated Analgesia*

12h00 Buffet lunch, discussion and poster viewing

PERIPHERAL PAIN CIRCUITS II

Session chair: TBD

- 13h00 **Lauren Orefice:** *The Role of Dorsal Root Ganglia Neurons in Autism-associated Gastrointestinal Dysfunction*
- 13h30 **Huasheng Yu:** *Single-soma Deep RNAseq of Human DRG Neurons Reveals Novel Molecular and Cellular Mechanisms Underlying Somatosensation*
- 14h00 **Tomoko Ohyama:** *Comparative Connectomics and Nocifensive Behavior in Larvae of Closely Related Drosophila Species*
- 15h00 Coffee break
- 15h30 **Yves De Koninck**
- 16h00 TBD
- 16h30 Trainee
- 16h45 Trainee
- Short talks: 15' each (10+5), selected from abstracts
- 17h00 Trainee
- 17h00 Trainee
- 17h30 Trainee
- 17h45 Trainee
- 18h00 Plenary discussion

18h30 Conference dinner, IRCM