

McGill University Integrated Program in Neuroscience Retreat 2011 Program

September 20-21, 2011

At the:

Centre Mont-Royal, Montreal



The McGill University Integrated Program in Neuroscience Retreat 2011 Program

September 20-21, 2011
Centre Mont Royal
2200 Mansfield Street, Montreal H3A 3R8

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Sponsors and Acknowledgements

- The McGill University Integrated Program in Neuroscience would like to thank the MNI Centre of Excellence for Commercialization and Research (CECR) for funding the IPN Retreat 2011.



- **Additional funds were received from the following sources:**

- [Cedarlane Laboratories Canada](#)
- [Olympus Canada](#)
- [Microscopy Imaging Analysis Cellavie](#)
- [DaveFarrow.com](#)



Microscopy Imaging AnalysisCELLAVIE

- **The IPN would also like to thank the following groups and individuals:**
 - Marc Meloche, MNI: Retreat registration and additional programming.
 - GSAN/IPN students for organising social events and providing volunteers.

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Historical Perspective and Keynote Talk Salon Mont-Royal 2 (4th floor)

Historical Perspective:

Dr. Kresimir Krnjevic Department of Physiology, McGill.

9:00 – 9:45 a.m. Wednesday Sept 21st.

Keynote Talk:

"Synapses in Health and Disease."

Dr. Roberto Malinow, Professor of Neurosciences, UCSD.

3:45 – 4:45 p.m. Wednesday Sept 21st.

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Retreat Events

Scientific Sessions – Salon Mont-Royal 2 (4th floor)

Session 1: “Delusions in Psychiatric and Neurological Illness; Neurophilosophy.”

Coordinator: [Dr. Ian Gold](#), Department of Philosophy.

11:30 a.m. – 12:30 p.m. Tuesday Sept 20th

Session 2: “Neurobiology of Disease.”

Coordinator: [Dr. Ted Fon](#), Centre Montreal Neurological Institute.

2:00 – 3:00 p.m. Tuesday Sept 20th

Session 3: “Circadian Rhythms”

Coordinator: [Dr. Nico Cermakian](#), Douglas Mental Health University Institute.

9:50 – 10:50 a.m. Wednesday Sept 21st.

Session 4: “Development and Maintenance of Excitatory Synapses.”

Coordinator: [Dr. Anne McKinney](#), Department of Pharmacology and Therapeutics.

11:05 a.m. – 12:05 p.m. Wednesday Sept 21st

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Retreat Events

Special Sessions – Salon Mont-Royal 2 (4th floor)

McGill – Zurich Collaboration. Introduced by Dr. Anne McKinney.

Speakers:

Dr. Roger Nitsch: Immunotherapy of neurodegenerative diseases.

Dr. Jean-Marc Fritschy: GABAergic synapse plasticity.

Dr. Bruno Weber: Neurons, astrocytes and blood vessels: A metabolic unit.

4:20 p.m. – 5:50 p.m. Tuesday Sept 20th

Special Session: McGill – Oxford Collaboration. Introduced by Dr. Claudio Cuello.

Speakers:

Dr. Chris Kennard: Oculomotor biomarkers for neurodegenerative diseases.

Dr. Katharina Wulff: Circadian sleep/wake function and the bipolar phenotype.

Dr. Peter Olivier: Linking neurotransmission, sleep and mental health using the Snap-25 mutant mouse, blind-drunk.

1:55 p.m. – 3:25 p.m. Wednesday Sept 21st

Special Session: The Colman-Sievers Innovation in Neuroscience Talks and *Richard and Ann Sievers Award Presentation Ceremony.*

Introduced by Drs Josephine Nalbantoglu and David Ragsdale.

Awards presented by Mr. Marc Sievers.

4:45 p.m. – 6:15 p.m. Wednesday Sept 21st

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Retreat Events Continued

Poster Sessions – 3rd and 4th Floor Foyers

Posters should be set up between 9:00 and 11:00 a.m. on Tuesday Sept 20th. Please put up posters before picking up your registration badge. Poster boards are 8 ft wide by 4 ft high; posters should be smaller than these dimensions.

Presenters with poster numbers ending in A should be at their posters during Poster Session A and the first hour of Poster Session A+B.

Presenters with poster numbers ending in B should be at their posters during Poster Session B and the second hour of Poster Session A+B.

Posters MUST be taken down by 3:45 p.m. on Wednesday Sept 21st. You may lose your poster if the poster boards are collected after this time and you haven't removed it.

Poster Session A:

12:30 – 2:00 p.m. Tuesday Sept 20th (Lunch will be served during this time)

Poster Session A+B:

5:50 – 7:40 p.m. Tuesday Sept 20th (Beer, wine, soft drinks and hors d'oeuvres will be served during this time).
'A' Posters will be presented from 5:50 to 6:45 pm. 'B' Posters will be presented from 6:45 to 7:40 pm.

Poster Session B:

12:05 – 1:50 p.m. Wednesday Sept 21st (Lunch will be served during this time)

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Retreat Schedule: Tuesday September 20th:

- **9:00 - 11:00: Arrival, Registration and putting up of Posters.**
 - 3rd and 4th Floor Foyers

- **9:30 - 11:00: Concurrent Pre- Retreat Sessions:**

McGill Collaborations Session for IPN Professors: Led by Dr. Remi Quirion.

For IPN PIs: Meet with Visitors from Oxford and Zurich, learn more about the partnerships. (Continental breakfast)

- *Salon International II*

New Student Orientation/Skillsets Workshop: Intro and Ethics. -IPN and Skillsets

For all IPN students starting in September 2011

- *Salon Cartier II*

Start of IPN Retreat

- **11:00 - 11:30: Welcome and Opening Remarks.**
 - Provost Anthony C. Masi
 - Dr. Phil Barker, Interim Director: MNI
 - Dr. Josephine Nalbantoglu, Director: IPN
 - *Salon Mont-Royal*
- **11:30 – 12:30: Session 1: “Delusions in Psychiatric and Neurological Illness; Neurophilosophy.”**

Coordinator: Dr. Ian Gold, Department of Philosophy.

 - *Salon Mont-Royal*
- **12:30 – 2:00: Buffet lunch and Poster Session A.**
 - 3rd and 4th Floor Foyers

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Retreat Schedule: Tuesday September 20th continued:

- **2:00 – 3:00: Session 2: “Neurobiology of Disease.”**
Coordinator: Dr. Ted Fon, Montreal Neurological Institute.
 - *Salon Mont-Royal*
 - **3:05 – 4:15: Rapid Round Robin (Scientific Speed Networking):**
An opportunity for each delegate to meet 6-10 other individuals for a few minutes each to exchange research interests, ideas etc.
 - *Salons Cartier 1 and International 1* (Coffee available)
 - **4:20 – 5:50: Special Session: McGill – Zurich Collaboration. Introduced by Dr. Anne McKinney.**
Speakers:
Dr. Roger Nitsch: Immunotherapy of neurodegenerative diseases.
Dr. Jean-Marc Fritschy: GABAergic synapse plasticity.
Dr. Bruno Weber: Neurons, astrocytes and blood vessels: A metabolic unit.
 - *Salon Mont-Royal*
 - **5:50 – 7:40: Poster Session A + B** (Beer, wine and Hors d'oeuvres served).
A posters present from 5:50 to 6:45; B posters present from 6:45 to 7:40.
 - *3rd and 4th Floor Foyers*
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Retreat Schedule: Wednesday September 21st:

- **08:30 – 09:00: Arrival / Coffee**
 - 3rd and 4th Floor Foyers

- **09:00 – 9:45: Historical Perspective**
Introduced by Ms. Katrina Choe
Dr. Kresimir Krnjevic, Department of Physiology.
 - *Salon Mont-Royal*

- **9:50 – 10:50: Session 3: “Circadian Rhythms.”**
Coordinator: Dr. Nico Cermakian, Douglas Mental Health University Institute.
 - *Salon Mont-Royal*

- **10:50 – 11:05: Coffee Break**

- **11:05 – 12:05: Session 4: “Development and Maintenance of Excitatory Synapses.”**
Coordinator: Dr. Anne McKinney, Department of Pharmacology and Therapeutics.
 - *Salon Mont-Royal*

- **12:05 – 1:50: Buffet lunch and Poster Session B.**
 - 3rd and 4th Floor Foyers

 - **12:40 – 1:20: Lunchtime Presentation “Memory Personalities”**
[Dave Farrow](#) (Worldsgreatestmemory.com) explains his memory improvement system and details the \$10,000 internship available to an IPN student or Post-Doc through the [MITACS Accelerate Program](#).
 - *Salon International II 3rd Floor.*

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Retreat Schedule: Wednesday September 21st continued:

- **1:55 – 3:25: Special Session: McGill – Oxford Collaboration.** Introduced by Dr. Claudio Cuello.
Speakers:
Dr. Chris Kennard: Oculomotor biomarkers for neurodegenerative diseases.
Dr. Katharina Wulff: Circadian sleep/wake function and the bipolar phenotype.
Dr. Peter Olivier: Linking neurotransmission, sleep and mental health using the Snap-25 mutant mouse, blind-drunk.
 - *Salon Mont-Royal*
- **3:25 – 3:45: Coffee Break and Poster take down**
- **3:45 – 4:45: Keynote Speech: Synapses in Health and Disease.**
Introduced by Ms. Rhalena Thomas
Dr. Roberto Malinow, Professor of Neurosciences, UCSD.
 - *Salon Mont-Royal*
- **4:45 – 6:15: Special Session – Colman-Sievers Innovation in Neuroscience Talks and Ann and Richard Sievers Award Presentations.**

In memory of the late Dr. David Colman, this session features a series of presentations by IPN students who entered the Ann and Richard Sievers Award competition. The talks will highlight the innovative research that IPN students conduct. Mr. Marc Sievers will present the winners of the competition with their prizes.
 - *Salon Mont-Royal*
- **6:30: Departure for IPN Retreat Reception at Thomson House.**

Join us to celebrate the conclusion of another IPN Retreat. Hors d'oeuvres and open bar.

The background of the slide is a stylized, artistic representation of a human brain. It features a network of glowing, interconnected lines and nodes, resembling neural pathways or a complex web of information. The colors are primarily shades of blue, purple, and white, giving it a high-tech, scientific feel. The brain is centered and occupies most of the frame.

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IPN/GSAN Retreat Social Events – Post Retreat Reception

Thomson House (3650 McTavish St.): The official McGill University Graduate student house will be the destination for our celebrations. It's just a five minute walk away. We have reserved the second floor ballroom just for the IPN retreat. Open bar and snacks will be served. All participants are welcome.

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IPN/GSAN Retreat Social Events – Final Party

Friday 23rd September, 11:00 pm to 3:00 a.m.

Macaroni Bar (4448 St-Laurent Blvd, corner Mont-Royal, H2W1Z5):



As a final post-retreat event, we have a section reserved at Macaroni Bar Lounge from 11 p.m. on Friday, September 23rd. Free drinks will be provided (courtesy of IPN), and all Retreat attendees are welcome. For tickets, please visit the GSAN booth at the IPN Retreat.