McGill University
Integrated Program in Neuroscience
Retreat 2012 Program

September 19-20, 2012
At the:
Montreal Science Centre, Old Port of Montreal
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 2012.

The IPN would also like to thank the following groups and individuals:
- Mr. Marc Sievers for making the Ann and Richard Sievers Award available to IPN.
- Debbie Rashcovsky, Nicole Quenville from the MNI Director’s Office and their staff.
- GSAN/IPN students for organising social events and providing volunteers.

Our Caterers:

Kanda Sushi:
(Present this page to Kanda Sushi on Bishop Street for a 10% discount)

Restaurant Boustan:
Retreat Schedule: Wednesday September 19th:

- **8:00 - 9:00:** Arrival, Registration and putting up of Posters.
  - Locations: Belvedere and Passerelle

- **9:00 - 10:30:** Concurrent Pre- Retreat Sessions:
  - IPN in Review: The first 3 years, and beyond.
    - For IPN Supervisors: Report on TLS-run student survey about IPN Curriculum, Supervision and Administration. Feedback from PIs and round-table discussion of future of IPN
      - Location: Belvedere
  - New Student Orientation/Skillsets Workshop: Intro and Ethics. -IPN and Skillsets
    - For all IPN students starting in September 2012
      - Location: Perspective

**Start of IPN Retreat**

- **10:30 - 11:00:** Welcome and Opening Remarks.
  - Dr. Phil Barker, Interim Director: MNI
  - Dr. Josephine Nalbantoglu, Director: IPN
    - Location: Perspective

- **11:00 – 12:30:** Special Session: Colman-Sievers Innovation in Neuroscience Presentation and Ann and Richard Sievers Award.
  - Invited Killam Speaker: Dr. Dave Shelton, Pfizer.
  - “How understanding biology can lead to new therapies: the story of Nerve Growth Factor inhibitors for pain.”
  - Location: Perspective

~~Wednesday Sept 19th Program continues on next Page~~
Retreat Schedule: Wednesday September 19th continued:

- **12:30 – 1:30: Session 1: “Behavioural Epigenetics: From Rodents to Humans.”**
  Coordinator: Dr. Gustavo Turecki, Douglas Mental Health Institute, IPN.
  Speakers: Anita Thambirajah, Dr. Michael Meaney’s lab
  Corina Nagy, Dr. Gustavo Turecki’s lab
  Renaud Massart, Dr. Moshe Szyf’s lab
  Juan Pablo Lopez, Dr. Gustavo Turecki’s lab
  - **Location:** Perspective

- **1:30 – 3:00:** Buffet lunch and Poster Session A.
  - **Location:** Belvedere

- **3:00 - 4:30: Concurrent Sessions:**
  - **Supervising IPN Students: Special session for IPN Supervisors**
    Workshop for PIs new to IPN Supervision. A chance to get questions answered and a guide to best practices.
    - **Location:** Perspective
  - **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.
    - **Location:** Belvedere

- **4:30 – 5:30: Keynote Speaker: Dr. Barbara Hempstead, Cornell.**
  “Neurotrophins - many forms, many actions.”
  - **Location:** Perspective

- **5:40 – 7:40: Poster Session A + B (Beer, wine and sushi.)**
  A posters presented from 5:40 to 6:40; B posters presented from 6:40 to 7:40.
  - **Locations:** Passerelle, Belvedere and Balcony
Retreat Schedule: Thursday September 20th:

- **08:00 – 09:00: Arrival / Coffee**
  - Location: Passerelle

- **9:00 – 10:00: Special Session: “Animal Rights Extremism and Public Opinion about Lab Animal Research.”**
  - Speaker: **Paul McKellips**, Foundation for BioMedical Research.
  - Location: Perspective

- **10:00 – 10:15: Coffee Break**

  - Coordinator: Dr. Caroline Palmer, Department of Psychology, IPN.
  - Speakers:
    - **Brian Mathias**, Sequence Production Lab: “Motor Learning influences Music Perception.”
    - **Martha Shiell**, Dr. Robert Zatorre’s lab: “Co-activation of Auditory and Visual Regions for Visual Motion Processing in Deaf People.”
    - **Dr. Ben Zendel**, Univeriste de Montreal/CRBLM: "Lifelong musicianship reduces age-related decline in auditory processing abilities."
  - Location: Perspective

  - Coordinator: Dr. Ed Ruthazer, MNI, IPN.
  - Speakers:
    - **Theo Zanos**, Dr. Chris Pack’s lab: “Travelling Waves in Cortex Recorded with implanted Utah Multielectrode Arrays.”
    - **Jennifer Goldman**, Dr. Tim Kennedy’s lab: "Studying Synaptogenesis and Adhesion using Atomic Force Microscopy."
    - **Sonia Jego**, Dr. Antoine Adamantidis lab: "Optogenetic probing of Melanin-Concentrating Hormone modulation of the sleep states."
    - **Txomin Lalanne**, Dr. Jesper Sjostrom’s lab: “Spike-Timing-Dependent Plasticity in Neocortical Interneurons.”
  - Location: Perspective

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Retreat Schedule: Thursday September 20th continued:

- **12:15 – 1:45:** Buffet lunch and Poster Session B.
  - Location: Passerelle

- **1:45 – 2:45:** Special Session: McGill Dept. of Psychology
  PIs from the Dept. of Psychology, which joined IPN in 2012 give an overview of their research.
  Coordinator: Dr. Baerbel Knaeuper
  - Speakers: Dr. Norman White: "A (very) Brief History of Neuroscience Research in the McGill Psychology Department"
  - Dr. David Ostry: "Plasticity in human sensory motor systems"
  - Dr. Maria Pompeiano: "Do embryos ever sleep?"
  - Location: Perspective

- **2:45 – 3:00:** Coffee Break
  - Location: Passerelle

- **3:00 – 4:00:** Session 4: “Neurotrophins and their Receptors.”
  Coordinator: Dr. Phil Barker, MNI, IPN.
  Speakers: Simon Allard, Dr. Claudio Cuello’s lab: “The NGF extracellular metabolic pathway, implications in health and disease.”
  - Fouad Brahimi, Dr. Uri Saragovi’s lab: " Truncated TrkC neurotrophin receptor isoform and the etiology of neurodegenerative diseases."
  - Julien Gibon, Dr.s Philippe Seguela/Phil Barker labs: " BDNF facilitates persistent activity in pyramidal neurons of entorhinal cortex via the p75NTR.”
  - Nicolas Unsain, Dr. Phil Barker’s lab: “XIAP regulates caspase activity in degenerating axons.”
  - Location: Perspective
Retreat Schedule: Thursday September 20th continued:


  Back by popular demand! Attendees get to pick the brains of a panel of former neuroscience students and post-docs, who now have successful careers in other fields. Short talks by each panel member and then open floor.

  4:00 – 4:15 Introduction by: Dr. Viviane Poupon, Associate Director, Scientific Affairs, MNI

  4:20 – 5:15
  - Dr. Sathy Rajasekharan (The McGill Centre for Biomedical Innovation)
  - Dr. Jing Liu (Operations/Business/Administration, Proteomics and Systems Medicine Program of the Research Institute, MUHC)
  - Dr. Sharon Welner (VP LA-SER Analytica at LA-SER Group)
  - Dr. Vincent Dodelet (Business Development Officer at National Research Council - Biotechnology Research Institute)

  5:20 – 5:35 “The Backyard Brains Story”: Dr. Greg Gage, Neuroscientist and Engineer.

  5:35 – 6:30
  - Dr. Daniel Auld (Deputy Director, McGill University and Genome Quebec Innovation Centre)
  - Dr. Judith Lacoste (Founder, MIA-CELLAVIE)
  - Dr. Marta Majdan (Medical Science Liaison at Merck & Co.)

  Location: Perspective

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Retreat Schedule: Thursday September 20th continued:

- **6:30 – 6:40: Closing Remarks.**
  - **Location:** Perspective

- **6:40: Farewell Reception.** (Beer, wine, vodka, rum and sushi). Come celebrate the conclusion of another IPN Retreat with us. Rooftop DJ if weather cooperates!
  - **Location:** Belvedere, terrace and balcony