Monday, November 28

8:30 AM to 9:00 AM
Arrival & Registration for all members
Coat check
Coffee will be provided

9:00 AM to 9:10 AM
Welcome to the symposium!
Opening remarks: Welcome from New Centre Director, Dr. Silvia Vidal & Co-Director, Dr. Philippe Gros

Session I - Mechanisms of Inflammatory disorders: Mouse Models

9:10 AM to 10:10 AM

9:10 – 9:40
25 mins + 5 mins questions
Dr. Jörg Fritz
Dept. Microbiology and Immunology, McGill University
“Roles of Group 2 Innate Lymphoid Cells in Health and Disease”

9:40 – 10:10
25 mins + 5 mins questions
Dr. Maya Saleh
Department of Medicine, McGill
“Inflammasome control of inflammatory diseases and cancer”

10:10 AM to 10:45 AM
Coffee Break*

Session II - Mechanisms of Infectious and inflammatory disorders: Human Models

10:45 AM to 12:15 PM

10:45 – 11:15
25 mins + 5 mins questions
Dr. Luis Barreiro
Université de Montréal
“Genetic and epigenetic regulation of immune responses to infection”.

11:15 – 11:45
25 mins + 5 mins questions
Dr. Donald Vinh
Department of Medicine, MUHC
"Human Genetic Susceptibility to Infectious Diseases: When the Rubber of Immunology Hits the Road of Life”.

11:45 – 12:15
25 mins + 5 mins questions
Dr. Kevin Kain
SAR Laboratories, Rotman Centre for Global Health, ON
“Preventing death and disability from Life-threatening infections”.

12:15 - 12:35
25 mins + 5 mins questions
Dr. Amit Bar-Or
Montreal Neurological Institute (MNI)
“Antibody-independent roles of B cells in autoimmune regulation and infection control”

12:35 PM to 2:15 PM
LUNCH break & Poster Session
Lunch provided*

*Served as time allows
## Monday, November 28

### Session III – Genetic determinants of neuroinflammation and malignancy

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
<th>Affiliation</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:15 PM to 3:15 PM</td>
<td></td>
<td>Dr. Stephen Sawcer</td>
<td>Cambridge University, UK</td>
<td>&quot;MS genetics: Pitfalls and Prospects&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr. Nada Jabado</td>
<td>Department of Medicine, MUHC</td>
<td>“Oncohistones: a tale of histone tail”</td>
</tr>
</tbody>
</table>

### 3:15 PM to 3:45 PM

Coffee Break*

### 3:45 PM to 4:00 PM

**MRCCT: Opening of the new Centre**

- Dr. David Eidelman (Vice-Principal & Dean, Faculty of Medicine)
- Dr. Rose Goldstein (VP Research & International Relations)
- Dr. Silvia Vidal (Director, MRCCT)
- Dr. Philippe Gros (Co-Director, MRCCT)

### Session IV – KEYNOTE SPEAKER

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 PM to 5:00 PM</td>
<td><strong>Dr. Marco Prinz</strong></td>
<td>Institute of Neuropathology, University Medical Center, Freiburg, Germany</td>
</tr>
</tbody>
</table>

### 5 à 7

**Poster Session**

- WINE & CHEESE mixer*
- Panel of Judges | Poster Session

*Specific Instructions: All meals will be held in the Ballroom
## 1st Montreal Symposium on Immunogenetics of Infectious and Inflammatory diseases

McGill University Research Centre on Complex Traits

An Initiative to Cure Infectious and Chronic Inflammatory Diseases

Centre de Recherche de l’Université McGill sur les Maladies Infectieuses et Inflammatoires Chroniques

### Tuesday, November 29

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 8:30 AM to 9:00 AM | Arrival  
Coat check  
coffee will be provided |
| 9:00 AM to 9:40 AM | **Session I - New Technologies**  
Chair: Caitlin Schneider (Mandl lab)  
Dr. Judith Mandl  
Department of Physiology, McGill  
"Visualizing the spatio-temporal dynamics of T cells in homeostasis and immunodeficiency"  
Dr. Jerry Pelletier  
Department of Biochemistry, McGill  
"Drug-Target Validation using CRISPR/Cas9"  
Christopher Kenny  
Eve Technologies  
"Immune Biomarker Array To Enable Precision Medicine" |
| 9:40 AM to 10:20 AM | **Session II – Computational Medicine**  
Chair: David Langlais (Gros lab)  
Dr. Mathieu Blanchette  
School of Computer Sciences  
"Know thy Ancestors to Know Thyself: Improving our understanding of the human genome using paleogenomics"  
Dr. Guillaume Bourque  
McGill University and Genome Quebec Innovation Center (MUGQIC)  
"Epigenomic resources to better understand human non-coding DNA"  
Michael G. Smith  
Executive Sales Specialist, NorthEast, Sequencing & Data Analysis, Illumina, Inc.  
"Analyzing the Microbiome using BaseSpace Sequence Hub" |
| 10:20 AM to 10:45 AM | Coffee Break |
| 10:45 AM to 11:25 AM | **Session III – Stem Cells**  
Chair: Barbara Mindt (Fritz lab)  
Dr. Ana Nijnik  
Department of Physiology, McGill  
"Hematopoietic stem cells: transcriptional regulation and genomic stability"  
Dr. Ines Colmegna  
Department of Medicine, MUHC  
"Bone Marrow Aging: Thriving with Senescent Neighbours"  
Dr. Roger Bossé  
Sr. Market Segment Leader, Perkin Elmer  
Title to come |

### Session IV – Infection
### Session V – Inflammatory Diseases

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:25 AM to 11:40 AM</td>
<td>Dr. Erwin Schurr</td>
<td>Department of Medicine, Human Genetics</td>
</tr>
<tr>
<td>11:40 AM to 11:55 AM</td>
<td>Dr. Martin Olivier</td>
<td>Dept. Microbiology and Immunology, McGill</td>
</tr>
</tbody>
</table>

#### Chair: Todd Douglas (Saleh Lab)

**Chair: Mathieu Mancini (Vidal Lab)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:10 PM to 12:25 PM</td>
<td>Dr. Jack Antel</td>
<td>Montreal Neurological Institute, McGill</td>
</tr>
</tbody>
</table>

**12:25 PM to 1:30 PM**

**LUNCH break**  
*Lunch provided*

**1:30 PM to 2:00 PM**

### Session VI - KEYNOTE SPEAKER

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 PM to 2:00 PM</td>
<td>Dr. Jayne Danska</td>
<td>University of Toronto - Hospital for Sick Children</td>
</tr>
</tbody>
</table>

**2:00 PM to 4:00 PM**

**Round Table**

Scientific Board Members (SAB) and Clinical Advisory Committee (CAC) meeting. *Joining in the conversation as advisors: James Martin, Ines Colmegna, Donald Vinh (from the CAC), Jayne Danska, Kevin Kain, John Orlowsky Paul Anderson, Christine Biron  
Moderator: Drs Vidal & Gros*

**Student Session**

1 slide – 3 mins | 1 person per lab  
*Awards for best presentations  
Moderator: Mathieu Mancini*

**4:00 PM to 4:15 PM**

**Posters Winners**  
Award Ceremony  
Certificates Awarded – Prizes

**4:15 PM to 4:30 PM**

**Closing remarks**  
Director, Dr. Silvia Vidal & Co-Director, Dr. Philippe Gros

**4:30 PM to 7:00 PM**

**Mixer**  
Thomson House

---

*Specific Instructions: All meals will be held in the Ballroom*
“1st Montreal Symposium on Immunogenetics of Infectious and Inflammatory diseases”

McGill University Research Centre on Complex Traits
An Initiative to Cure Infectious and Chronic Inflammatory Diseases

Centre de Recherche de l’Université McGill sur les Maladies Infectieuses et Inflammatoires Chroniques

CONFERENCE ORGANIZING COMMITTEE

- Silvia Vidal, Prof. Dept. Human Genetics;
- Samantha Gruenheid, Prof, Dept. of Microbiology and Immunology;
- Danielle Malo, Prof. Dept. Human Genetics;
- Philippe Gros, Prof, Dept of Biochemistry
- Maya Saleh, Prof, Dept of Medicine
- Jörg Fritz, Prof, Dept. of Microbiology and Immunology;
- Ana Nijnik, Prof, Dept. of Physiology;
- Judith Mandl, Prof, Dept. of Physiology;
- Erwin Schurr, Prof, Dept. Human Genetics and Medicine;
- Barbara Mindt, Ph.D. student, Dept. Microbiology and Immunology;
- David Langlais, PDF, Dept. of Biochemistry;
- Catlin Schneider, PDF, Dept. of Physiology;
- Mathieu Mancini, Ph.D. student, Dept. of Human Genetics;
- Todd Douglas, Ph.D. student, Dept. of Microbiology and Immunology;
- Marianne Provost, Senior Adm. Coordinator, Dept. of Biochemistry

CLINICAL ADVISORY BOARD

- Dr. James Martin, Medicine, MUHC
- Dr. Ines Colmegna, Medicine, MUHC
- Dr. Donald Vinh, Medicine, MUHC