Great Lakes Glia 2019  
The Holiday Inn/West Bay Resort, Traverse City MI

Schedule

Sunday, September 29th

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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tr>
<td>4:30pm</td>
<td>Opening Reception</td>
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<tr>
<td>6:00pm</td>
<td>Dinner</td>
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<td>7:00pm</td>
<td>Session 1: Neuroinflammation</td>
<td>Leelenau Conference Room</td>
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<td>Organizer: Shailendra Giri, Henry Ford Hospital</td>
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<td>Ranjan Dutta, Cleveland Clinic Foundation</td>
<td>Pathogenesis of Multiple Sclerosis</td>
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<td>Guang-Xian Zhang, Thomas Jefferson University</td>
<td>Ursolic acid promotes neural regeneration through both immunomodulation and direct oligodendrocyte maturation</td>
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<td>Bonnie Dittel, Versiti Blood Research Institute</td>
<td>Leveraging interactions between regulatory B cells and regulatory T cells for the treatment of CNS autoimmunity</td>
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<td>Kalipada Pahan, Rush Medical College</td>
<td>Selective inhibition of TLR2 by TIDM peptide reduces microglial activation</td>
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8:00am  Breakfast                          View

8:45am  Session 2: Glial and Neuronal Cell Signalling in Diseases  Leelenau Conference Room
Organizer: Robert Miller, George Washington University

Wendy B. Macklin, University of Colorado
*Signaling Regulating CNS Myelination*

Gabriel Corfas, University of Michigan
*Modulating Peripheral Myelin*

Terri Wood, New Jersey Medical School
*mTOR and Myelin Across the Ages*

Fraser J. Sim, SUNY at Buffalo
*Improving Myelin Repair by Modulation of Extracellular Heparin Sulfate Proteoglycan Sulfation*

10:45am  Break

11:00am  Keynote Presentation  Leelenau Conference Room
Peter Stys, University of Calgary
*Axo-myelinic Neurotransmission: Role in Physiology and Diseases of Myelin*

Noon  Free time

3:30pm  Poster Session  Torch Lake Room

4:30pm  Session 3: Peripheral Glia  Leelenau Conference Room
Organizer: Bruce Carter, Vanderbilt University

Jun Li, Wayne State University
*Phosphoinositides and Myelination*

Michael Granato, University of Pennsylvania
*Molecular Mechanisms Directing Axon Glia Interactions During Peripheral Nerve Regeneration*

Cody Smith, University Notre Dame
*Peripheral Glia in Visceral Organs Beyond Schwann Cells*

Bruce Carter, Vanderbilt University
*Sensory Neuropathy Caused by Deficiencies in Schwann Cell Metabolism*

7:00pm  Dinner                          View

8:30pm  Posters and Refreshments  Torch Lake Room
Great Lakes Glia 2019
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Tuesday, October 1st

7:30am Breakfast View

8:15am Session 4: Astrocytes Leelenau Conference Room
Organizer: Doug Feinstein, University Illinois (Chicago)

Gordon Meares, W Virginia University
JAK1 drives ER Stress-Induced Gene Expression in Astrocytes
Doug Feinstein, University Illinois (Chicago)
Disruption of Astrocyte Metabolism Exacerbates EAE
Robert McCullumsmith, University of Toledo
Alterations of Glutamate Transporter Expression in Severe Mental Illness
Grant Gordon, University of Calgary
Astrocyte Bioenergetics Control Cortical Plasticity During Stress

10:15am Mini-break

10:30am Keynote Presentation Leelenau Conference Room
W. Sue T. Griffin, University of Arkansas
Neuronal Stress, Neuroinflammation, Interleukin-1, and Self Repeating Consequences

11:30am Lunch break out

12:00am Session 5: Microglia Leelenau Conference Room
Organizer: Jeff Dupree, Virginia Commonwealth University

Lauren Green, University of Notre Dame
Microglia in the CNS and PNS
Jeff Dupree, Virginia Commonwealth University
Microglial Regulation of Axon Initial Segment Structure and Function in Inflammatory Disease
Timothy Hammond, Harvard Medical School
Redefining Microglial States in Health and Disease
Marie-Ève Tremblay, Université Laval Québec QC
Dark Microglia: Remodeling Neuronal Circuits in Health and Disease

2:00pm End of Meeting