June 29, 2020 – Day 1

8:30 – 8:45 AM  Welcome

8:45 – 9:15 AM  Keynote Address 1: The Brain Barriers Maintain CNS Immune Privilege - Britta Engelhardt (University of Bern)

9:15 – 9:45 AM  Keynote Address 2: Immunotherapy of MS: A Historical Perspective - Jeff Cohen (Cleveland Clinic)

9:45 – 10:00 AM  Break

10:00 AM – Noon  Session 1: CNS Regulation of Peripheral Inflammation
Session Chair: Dana McTigue (The Ohio State University)

10:00 – 10:30 AM  Brain and Peripheral Cholinergic Signaling in the Regulation of Inflammation - Valentin Pavlov (Feinstein Institute for Medical Research)

10:30 – 11:00 AM  Spinal Cord Injury Causes Chronic Hepatic Inflammation and Metabolic Disruption in Rodents - Dana McTigue (The Ohio State University)

11:00 – 11:30 AM  Regulation of Proliferation and Differentiation of Myeloid Progenitors by the Sympathetic Nervous System - Partha Dutta (University of Pittsburgh Medical Center)

11:30 – 11:45 AM  Short Talk selected from abstracts
11:45 – Noon  Short talk selected from abstracts

Noon – 1:00 PM  Lunch Break/Meet the Expert Session

1:00 – 3:00 PM  Session 2: Immune Cells as Mediators of CNS Repair
Session Chair: Veronique Miron (University of Edinburgh)

1:00 – 1:30 PM  The Rise and Fall of Microglia Driving CNS Remyelination - Veronique Miron (University of Edinburgh)

1:30 – 2:00 PM  The Roles of Regulatory T Cell in Remyelination and Tissue Regeneration in the CNS - Craig Walsh, PhD (UC Irvine)

2:00 – 2:30 PM  Neutrophil Heterogeneity: A Pro-Regenerative Neutrophil Stimulates Axon Regeneration After CNS Trauma - Andrew Sas (The Ohio State University)

2:30 – 3:00 PM  Neuregulin-1 Regulation of Neuroprotection, Neuroinflammation and Neurorepair After Ischemic Stroke - Byron Ford (UC Riverside)

3:00 – 3:15 PM  Break

3:15 – 4:30 PM  Poster Session #1 (posters will be available online 1-2 days prior to virtual meeting; session time will be devoted to live chat among attendees) - (Exhibit Hall)

4:30 – 4:45 PM  Break

4:45 – 5:00 PM  Short talk selected from abstracts

5:00 – 5:15 PM  Short talk selected from abstracts

5:15 – 5:30 PM  Short talk selected from abstracts

5:30 – 5:45 PM  Break (chance for attendees to bring drinks for happy hour)

5:45 – 6:45 PM  Virtual Happy Hour Live on Zoom
June 30, 2020 – Day 2

8:30 – 8:45 AM  Day 2 Welcome

8:45 – 10:45 AM  Session 3: The Role of the Adaptive Immune System in Primary Neurological Diseases - Session Chair: Manu Rangachari (Laval University)

8:45 – 9:15 AM  Keynote address: Examples of Translational Neuroimmunology - Alex Prat (U. Montreal)

9:15 – 9:45 AM  Improving Autoantibody Detection for the Diagnosis of Autoimmune Encephalitis - Eric Lancaster (University of Pennsylvania)

9:45 – 10:15 AM  Male Sex and Th17 Cells Exacerbate Disease in a Mouse Model of Progressive CNS Autoimmunity - Manu Rangachari (Laval University)

10:15 – 10:45 AM  Epigenetic Reprogramming of the Brain Tumor Immune Microenvironment in Mutant IDH1 Gliomas: Implications for Immunotherapies - Maria Castro (University of Michigan)

10:45 – 11:00 AM  Break

11:10 – 11:15 AM  Short talk selected from abstracts

11:15 AM – Noon  Short talk selected from abstracts

Noon – 1:00 PM  Lunch Break/Meet the Experts Session

1:00 – 3:00 PM  Session 4: Innate Immune System in CNS Pathology - Session Chair: Tim Vartanian (Cornell University)

1:00 – 1:30 PM  From Gut Microbe to Multi- Focal Demyelination: Clostridium Perfringens Epsilon Toxin and the Newly Forming MS Lesion - Tim Vartanian (Cornell University)

1:30 – 2:00 PM  Staphylococcus Aureus Biofilm Induces Immune Dysfunction During Craniotomy-associated Infection - Tammy Kielian, PhD (University of Nebraska)

2:00 – 2:30 PM  Neutrophil Subsets in Brain-targeted Experimental Autoimmune Encephalomyelitis - Etty Benveniste (University of Alabama, Birmingham)
2:30 – 3:00 PM  Examining the function of TREM2 with human microglia and chimeric mice - Matt Blurton-Jones *(University of California Irvine)*

3:00 – 3:15 PM  Break

3:15 – 4:45 PM  Poster session #2 (*posters will be available online 1-2 days prior to virtual SRC; session time will be devoted to live chat among attendees*) *(Exhibit Hall)*

4:45 – 5:00 PM  Break

5:00 – 5:30 PM  Wrap-up *(Theater/Main Stage)*