Molecular pathophysiology of ion channels in nervous system disorders

Monday Sept 26th

Daniels Hollywood Theatre, Room 1246 Elm Wing
555 University Avenue

8:30 am – 8:55 am Registration and Coffee

8:55 am – 9:00 am Welcome by Michael Salter, MD, PhD

9:00 am – 9:50 am Calcium channelopathies - changes in channel function vs. trafficking
Gerald Zamponi, PhD, Professor and Department Head, Physiology & Pharmacology
University of Calgary

9:50 am- 10:20 am Dravet Syndrome: The Prototypical Neuronal Channelopathy
Carter Snead, MD, Division Head, Neurology; Senior Scientist, Neurosciences & Mental Health,
The Hospital for Sick Children

10:20 am -10:40 am Coffee Break in the Rotunda

10:40 am- 11:10 am A new twist in the saga of P2X7 receptors and chronic pain hypersensitivity
Michael Salter, MD, PhD, Program Head and Senior Scientist, Neurosciences & Mental Health; Associate Chief Science Strategy, The Hospital for Sick Children

11:10 am - 11:40 am Disruption of ClC-2 expression is associated with progressive neurodegeneration in aging mice
Christine Bear, PhD, Senior Scientist, Molecular Structure & Function, The Hospital for Sick Children

11:40 am – 12:30 pm Chasing Men on Fire: Sodium Channelopathies and Pain
Stephen Waxman, PhD, Bridget Marie Flaherty Professor of Neurology, Neurobiology, and Pharmacology; Director, Center for Neuroscience & Regeneration/Neurorehabilitation Research Yale University School of Medicine

12:30 pm – 1:30 pm Lunch in the Garden Terrace, Atrium, Hospital for Sick Children

Please RSVP by Sept 21st to Sarah Haslegrave:
Phone: (416) 813-8945 Email: nmh.events@sickkids.ca