Grand Plenary Speakers

2019 Grand Plenary
Monday June 17 from 8:00 am – 12:00 noon

Featuring the following special guest lecturers!

CSNR Terbrugge Lecture – Donatella Tampieri

“Hyper-acute Stroke Organization: does one organizational model fit all hospital realities?”

Dr. Donatella Tampieri has recently been appointed Professor of Radiology at Queen’s University in Kingston, Canada since August 2018. She currently is the Lead of the section of Neuroradiology at Queen’s University and she is implementing a complete Interventional Neuroradiology Program at Kingston Health Sciences Centre.

She held the position of Professor of Radiology, Neurology and Neurosurgery at McGill University for many years and as an Interventional and Diagnostic Neuroradiologist has worked at the Montreal Neurological Institute and Hospital, McGill University from October 1987 till October 2018.

Born in Bologna, Italy, Dr. Tampieri received her high school degree from the Lycée Scientifique Copernico in Bologna (1976), and her medical degree magna cum laude from the University of Bologna (1982). She completed her residency in Diagnostic Radiology in the 1986 in the University of Bologna. Dr. Tampieri worked as neuroradiologist at Niguarda Ca’Granda Hospital from 1984 – 1987. Her post-graduate work was undertaken in Bologna as well as at the Karolinska Hospital in Stockholm and at McGill University, where she completed her fellowship.

She has served in many Academic and Professional Societies in Canada and abroad; and she was President of the Foundation of the Association of Radiologists of Québec from 2009 to 2017.

Her published works include over 160 peer reviewed papers and 20 chapters/books. Her work has been recognized with awards that include a first prize for a collaborative scientific paper presented at the annual meeting of the American Society of Neuroradiology and she has received the Bernadette Nogradi Prize in 1992. Dr.
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<th><strong>CNS Richardson Lecture – David W Dodick, M.D.</strong></th>
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<td><strong>“Migraine: Circa 2019”</strong></td>
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<td>David W. Dodick, MD, FACP, FRCP (C), FAAN, is Professor of Neurology at the Mayo Clinic College of Medicine in Scottsdale, Arizona. He is the Director of the Headache Program and the Sport Neurology and Concussion Program at Mayo Clinic in Arizona. He is an Adjunct Professor in the Department of Neurosciences, Norwegian University of Science and Technology. Dr. Dodick is board certified by the Royal College of Physicians and Surgeons of Canada and the American Board of Psychiatry and Neurology (ABPN). He also holds United Council for Neurologic Subspecialties certification in headache medicine and ABPN certification in vascular neurology. Dr Dodick has authored more than 380 peer-reviewed publications and authored/edited 10 books. He is the Chair of the American Migraine Foundation, American Academy of Neurology (AAN) Annual Program Concussion Committee, Co-Director of the American Registry of Migraine Research, Chair International Registry for Migraine Research, Chair International Headache Society Global Patient Advocacy Coalition, Co-Director of the Annual AAN Sports Concussion Conference, President-Elect of the International Concussion Society, Immediate Past-President of the International Headache Society, former Editor-in-Chief of <em>Cephalalgia</em>, and Past-President of the American Headache Society.</td>
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<th><strong>CSCN Gloor Lecture – Donald B. Sanders, M.D.</strong></th>
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<td><strong>“Development of a treatment guidance statement for Myasthenia Gravis”</strong></td>
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<td>Dr. Sanders is Professor of Neurology and Director of Neuromuscular Research at Duke University Medical Center, in Durham, NC, where he founded, and for 25 years, directed, the Duke EMG Laboratory and the Duke Myasthenia Gravis Clinic. He received his medical degree from Harvard University and developed an abiding interest in the diagnosis and treatment of myasthenia gravis and related diseases while training in Neurology with Professor T.R. Johns, at the University of Virginia. He trained in Electromyography and Neuromuscular Physiology with Professor Edward Lambert at the Mayo Clinic, and has been at Duke since 1980.</td>
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Donald B. Sanders, M.D.

Dr. Sanders has served as President of the Board of Directors of the American Association of Neuromuscular and Electrodiagnostic Medicine and of the Medical/Scientific Advisory Board of the Myasthenia Gravis Foundation of America. He has been a member of the Editorial Boards of Muscle & Nerve and the Journal of Clinical Neurophysiology and is a reviewer for many American and international medical journals. He is currently Chair of the North American Chapter of the International Federation of Clinical Neurophysiology and a member of the Executive Committee of that organization.

Dr. Sanders has authored more than 200 scientific publications on neuromuscular disorders, including early work on experimental autoimmune MG, diagnosis and treatment of neuromuscular diseases, the development of computer-assisted analysis of neurophysiologic signals, single-fiber EMG, the development and management of clinical trials in MG and Lambert-Eaton myasthenia, and, most recently, immunologic biomarker discovery in autoimmune neuromuscular disease.

Adam Kirton
MD, MSc, FRCPC

CACN Tibbles Lecture – Adam Kirton

“Modulating neurodevelopmental trajectories to enable children with perinatal brain injury.”

Dr. Kirton is Professor of Pediatrics, Radiology, and Clinical Neurosciences at the University of Calgary and an attending Pediatric Neurologist at the Alberta Children’s Hospital.

His research focuses on applying technologies including non-invasive brain stimulation and neuroimaging to measure and modulate the response of the developing brain to early injury to generate new therapies.

He is a CIHR Foundation Grant recipient. Dr. Kirton directs the Calgary Pediatric Stroke Program, Alberta Perinatal Stroke Project, and the University of Calgary Noninvasive Neurostimulation Network (N3).
CNSS Penfield Lecture - Nalin Gupta

“Correction of Genetic Diseases of the CNS: Early Steps”

Dr. Nalin Gupta is currently Chief of Pediatric Neurosurgery at UCSF Benioff Children's Hospital in San Francisco and is the UCSF Benioff Distinguished Professor of Children's Health.

He grew up in Nova Scotia, attended McGill University and completed the majority of his medical training at the University of Toronto and the Hospital for Sick Children. His graduate work in the Department of Biochemistry and Biophysics at UCSF was focused on the relationship between DNA damage and cell cycle progression.

His research interests are in the areas of neuro-oncology and congenital defects in children, with a particular interest in early phase surgical trials evaluating new and promising therapeutic strategies. These include fetal repair of myelomeningocele, stem cell transplantation for disorders of myelination, precision-based surgical trials for brainstem glioma, and convection-enhanced delivery of chemotherapeutic agents into the brain.

2019 CNSF Society Prize Winners will also present during the Grand Plenary Session

CNS – Francis McNaughton Memorial Prize
Adil Harroud
“Childhood obesity and multiple sclerosis susceptibility: a Mendelian randomization study”

CNS – Andre Barbeau Memorial Prize
Vincent Picher-Martel
“Neuronal expression of Ubiquitin-2 mutant exacerbates TDP-43 aggregation in ALS mouse model”

CACN – The President’s Prize
Michelle Chiu
“Prevalence and determinants of seizure action plans in a pediatric epilepsy population”

CSCN – Herbert Jasper Prize
Andrea Parks
“Diagnostic yield of Next Generation Sequencing and Myositis autoantibody panels in patients with Axial Myopathy”

CNSS – KG McKenzie Memorial Prize Clinical Research
Cameron Elliott
“Intraoperative acquisition of diffusion tensor imaging in cranial neurosurgery: readout-segmented DT1 versus standard single-shot DT1”
| CNSS- KG McKenzie Memorial Prize Basic Research  
| Candice Poon  
| “Differential microglia and macrophage profiles in human IDH-mutant and-wildtype glioblastoma reveal therapeutic vulnerabilities” |