

International Conference on  
NEUROIMMUNOLOGY,  
NEUROLOGICALDISORDERS AND NEUROGENETICS

&

28<sup>th</sup> World Summit on  
NEUROLOGY, NEUROSCIENCE AND  
NEUROPHARMACOLOGY

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September 26-27, 2018 | Montreal, Canada



# Day 1 September 26, 2018

## Conference Hall: Merchant Villa 2

08:30-09:00 Registrations

9:00-09:15 Opening Ceremony and Introduction

### Keynote Forum

09:15-10:00 **Title: Biomarker surrogates for inflammatory and neuropathic complications and pain related hypersensitivity**

Helieh S Oz, UK Medical Center, USA

10:00-10:45 **Title: A personal journey into the world of the brain: Shaping the mind/function and plasticity**

Barbara Arrowsmith Young, Arrowsmith Program, Canada

Group Photo 10:45 - 10:50

Networking & Refreshment Break 10:50-11:05 @ Foyer

11:05-11:50 **Title: RegenerAge System: Therapeutic effects of combinatorial biologics (mRNA and Allogenic MSCs) with a spinal cord stimulation system on a patient with spinal cord section**

Joel I Osorio, RegenerAge Clinic, Mexico

Sessions: Clinical Neuroimmunology | Autoimmune Disorders | Neuroinflammation

Session Chair: Helieh S Oz, UK Medical Center, USA

11:50-12:20 **Title: The context-dependence of neuro-immune interplay**

Sebastien Talbot, University of Montreal, Canada

12:20-12:50 **Title: Bridging the duality of conventional treatment approaches in auto-immunity with environment and lifestyle interventions**

Steven Osterhout, Vitality Healthcare, USA

Panel Discussion 12:50-13:00

Lunch Break 13:00-14:00 @ Foyer

Sessions: Neurogenetics | Neurodegenerative Diseases | Neurological Disorders

Session Chair: Victor Muts, Syneos Health, Ukraine

14:00-14:30 **Title: Neurodegeneration in glaucoma- MR imaging of the brain and the visual pathway changes**

Alina K Piekarek, Wrocław University Hospital, Poland

14:30-15:00 **Title: The pregnancy relationship and the unborn child: Chronic stress and the epigenetic changes in the brain**

Laura Hanson, Connect My Brain, USA

15:00-15:30 **Title: Micropeptides translated from polymorphic upstream open reading frames: Lessons from dopa-responsive dystonia**

Ioanna A Armata, Dr Georges L-Dumont University Hospital Center and University of Moncton, Canada

Panel Discussion 15:30-15:40

Networking & Refreshment Break 15:40-16:00 @ Foyer

Sessions: Neuroscience | Neurosurgery | Functional Neurology

Session Chair: Laura Hanson, Connect My Brain, USA

16:00-16:30 **Title: The ascending reticular systems for emotional arousal**

Stefan M Brudzynski, Brock University, Canada

16:30-17:00 **Title: Lumbar angiolipoma removal via percutaneous endoscopic interlaminar approach**

Marcio Robertti Ramalho da Cunha, The Clinic Trauma Center, Brazil

17:00-17:30 **Title: Dementia demystified: A functional medicine approach to reversing cognitive decline and dementia**

**Kat Toups**, Bay Area Wellness – Functional Medicine Psychiatry and Dementia, USA

**Panel Discussion 17:30-17:40**

**Award Ceremony and Day 1 Concludes**

**Day 2 September 27, 2018**

**Conference Hall: Merchant Villa 2**

**Keynote Forum**

09:00-09:45 **Title: Structural and functional MRI correlates of poststroke depression**  
**Wai Kwong Tang**, Chinese University of Hong Kong and CUHK Shenzhen Research Institute, China

09:45-10:30 **Title: The neuronal kinase DCLK3: Its potential roles in the normal brain and in Huntington's disease**  
**Emmanuel Brouillet**, CEA and CNRS, France

**Networking & Refreshment Break 10:30-10:45 @ Foyer**

10:45-11:30 **Title: Comprehensive multi-parametric behavioral analysis of neuroinflammation**  
**Denis Gris**, University of Sherbrooke, Canada

**Sessions: Neurobiology | Neurodegenerative Diseases | Neurological Disorders**

**Session Chair: Emmanuel Brouillet**, CEA and CNRS, France

11:30-12:00 **Title: Reactive astrocyte has a neuroimmunological function in injured mouse brain**  
**Ikeshima-Kataoka**, Keio University School of Medicine, Japan

12:00-12:30 **Title: Double hit theory for the development of Vascular Parkinsonism**  
**Herbert Alejandro Manosalva Alzate**, University of Toronto and Sunnybrook Hospital, Canada

12:30-13:00 **Title: mTBI (Mild Traumatic Brain Injury): The neuro-metabolic effects and treatment options from a nutritional model**  
**Aubry M Tager**, Neurologix Integrative Health, Canada

**Panel Discussion 13:00-13:10**

**Lunch Break 13:10-14:00 @ Foyer**

**Workshop**

14:00-15:00 **Title: Posturology for improved neuromechanics**  
**Mathieu Boule**, Institute IP, Canada

**Sessions on: Neuroscience | Neurosurgery | Pediatric Neurology**

**Session Chair: Denis Gris**, University of Sherbrooke, Canada

15:00-15:30 **Title: Loss of CLOCK results in dysfunction of brain circuits that underlies pediatric focal epilepsy**

**Peijun Li**, The Second Affiliated Hospital of Wenzhou Medical University, China

15:30- 16:00 **Title: Lumbar nerve root entrapment treated under full endoscopic interlaminar approach**

**Marcio Robertti Ramalho da Cunha**, The Clinic Trauma Center, Brazil

**Panel Discussion 16:00-16:10**

**Networking & Refreshment Break 16:10-16:25 @ Foyer**

**Young Research Forum**

16:25- 16:50 **Title: Radiosynthesis and preclinical evaluation of [<sup>11</sup>C]UCM765: A first-in-kind PET tracer for MT2 receptor imaging**

**Hussein Bdair**, McGill University, Canada

## Poster Presentations 16:50-17:10

**PP-01** **Title: Voice it out loud: Viewing the world through autistic eyes using assistive technology**

**Tamara C McGill-Carter**, Chicago School of Professional Psychology, USA

**PP-02** **Title: Pharmacological inhibition of fatty acid amide hydrolase as a therapeutic target to reduce excitotoxic damage in a Huntington's disease model in rat**

**Abel Santamaria-Del Angel**, National Institute of Neurology and Neurosurgery, Mexico

## Video Presentations

**17:10-17:25** **Title: The neurology of posture: Target the brain to fix the body**

**Annette Verpillot**, Posturepro, Canada

**17:25-17:40** **Title: Discovered neuron new fact, based on it (NMT) robotic device designed in order to treat neurodegenerative disease like (AD) Dementia and others**

**Shyam Gurung**, Independent Researcher, Nepal

## Award & Closing Ceremony

