

# INTERNATIONAL FORUM OF NEUROSCIENCES

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June 10 - 12, 2019 at Brussels, Belgium

<https://fon2019.com/>

Email: [Neurosciences@fon2019.com](mailto:Neurosciences@fon2019.com)

# INTERNATIONAL FORUM OF NEUROSCIENCES

**Monday**

**June 10, 2019**

**Hall: ARMSTRONG**

## Scientific Program

**Moderator: Mojgan Rastegar, University of Manitoba, Canada**

**08:00-08:30** Registrations

**08:30-08:45** Opening Ceremony & Welcome Speech

<b>TIME</b>	<b>TOPIC</b>	<b>SPEAKERS</b>
<b>Keynote Forum</b>		
<b>08:45-09:15</b>	Neuroscientific aesthetics: Obstacles and traps	<b>Vladimir J. Konecni,</b> <i>University of California, San Diego, USA</i>
<b>09:15-09:45</b>	Comparison of cholinergic status with quantitative EEG in healthy subjects and patients suspected of dementia	<b>Rolf Ekedahl</b> <i>M.D., Ph.D. Neufydi Stockholm, Sweden</i>
<b>09:45-10:15</b>	Psychiatric, Neurological, Legal, and Public Health Challenges Facing Refugee Children: An Integrated Approach	<b>John Thomas,</b> <i>Quinnipiac University Schools of Law and Medicine, USA</i>
<b>10:15-10:45</b>	Reducing A $\beta$ load and neuroinflammation: The therapeutic efficacy of hematopoietic growth factors in ameliorating Alzheimer's pathology	<b>Li-Ru Zhao,</b> <i>The State University of New York Upstate Medical University, USA</i>

**Coffee Break 10:45 - 11:00 @ Foyer**

## PLENARY TALKS

**Plenary Chair: Vladimir J. Konecni, University of California, San Diego, USA**

<b>11:00-11:20</b>	Development of a TBI specific Health Related Quality of Life Assessment in children, adolescents and their proxies	<b>Nicole von Steinbuechel,</b> <i>University Medical Center Goettingen, Institute of of Medical Psychology and Medical Sociology, Germany</i>
<b>11:20-11:40</b>	Risk of injurious falls and effects of cognitive loading on parameters of gait in neurological disorders	<b>Leonard LaPointe,</b> <i>Florida State University, USA</i>
<b>11:40-12:00</b>	RNA sequencing solved the most common but unrecognized pathogenic variant in Japanese nemalin myopathy	<b>Naomichi Matsumoto,</b> <i>Yokohama City University, Japan</i>
<b>12:00-12:20</b>	Effects of adolescent traumatic brain injury on the reward pathway and its impact on behavioral responses to drugs of abuse	<b>Servio Ramirez,</b> <i>The Lewis Katz School of Medicine at Temple University, USA</i>

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**12:20-12:40** Self-Harm Websites: Knowns and Unknowns **Kim Hyun Jung,**  
Harvard Medical School, USA

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### Group Photo

**Lunch @ Restarunt 12:40 - 13:30**

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### Scientific Sessions: **Neurology | Neuroscience**

#### Session Chairs

**Andrew A Pieper,** *Harrington Discovery Institute, University Hospitals Cleveland Medical Center, USA*  
**Servio Ramirez,** *The Lewis Katz School of Medicine at Temple University, USA*

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**13:30-13:50** An epigenetic signature of DNA methylation marks MeCP2 regulatory network in brain cells and post-mortem brain tissues of Rett Syndrome patients **Mojgan Rastegar, PhD,**  
*Associate Professor, University of Manitoba, Canada*

**13:50-14:10** A Randomized Double-Blind Controlled Trial of Arginine Vasopressin in Children with Autism **Antonio Hardan MD,**  
*Stanford University, USA*

**14:10-14:30** Brief low frequency electrical stimulation of injured neurons promotes peripheral nerve regeneration and functional recovery after immediate and delayed surgeries **Tessa Gordon,**  
*University of Toronto, Canada*

**14:30-14:50** Decoding Schizophrenia with 14-3-3 **Yi Zhou,**  
*Florida State University, USA*

**14:50-15:10** Fundamental neuroscience can inform rehabilitative practice towards a personalised approach **Amanda Ellison,**  
*Durham University, UK*

**15:10-15:30** Amyloid precursor protein (APP) upregulation of JNK3 expression contributes to cell death after nerve injury **Gavin Stewart Dawe,**  
*National University of Singapore, Singapore*

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#### Coffee Break 15:30 -15:40 @ Foyer

**15:40-16:10** How mathematics can inspire a new way to look at the brain and the mind **Natalia Janson,**  
*Loughborough University, UK*

**16:10-16:30** Onychophagia (Nail-Biting) and Mental Health: Survey of Clinicians' Perspective **Sigita Lesinskiene,**  
*Rutgers University, USA*

**16:30-16:50** Case Report: Using Unobtrusive Techniques to Improve the Mobility of People with Parkinson's Experiencing Freezing of Gait **Amin Amini,**  
*Brunel University London, UK*

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**16:50-17:10**

Nuclear receptor Nurr1 in dopamine neuron development and neuroinflammation: An update

**Weidong Le,**

*1<sup>st</sup> Affiliated Hospital of Dalian Medical University, China*

**17:10-17:30**

Learning Spiritual Behaviors as a Means to Reverse Harmful Epigenetic Changes resulting From Domestic Violence

**Maysar Saredine,**

*Phoenicia University (PU), Lebanon*

**17:30-17:50**

Polyphenol Rich Phytochemical Extracts For The Disruption of Amyloid -  $\beta$  (A  $\beta$ ) Protein Aggregation

**Alappat, Bindhu,**

*St. Xavier University, Chicago, USA*

## Panel Discussion

# INTERNATIONAL FORUM OF NEUROSCIENCES

**Tuesday**  
**June 11, 2019**

## Scientific Program

**Hall: ARMSTRONG**

**Moderator: Tessa Gordon, University of Toronto, Canada**

<b>TIME</b>	<b>TOPIC</b>	<b>SPEAKERS</b>
<b>Keynote Forum</b>		
<b>09:00-09:30</b>	Remodeling of lumbar motoneuron circuitry for locomotor recovery after spinal cord injury	<b>Xu, Xiao-Ming,</b> <i>Indiana University School of Medicine, USA</i>
<b>09:30-10:00</b>	Accurate detection of pathogenic de novo mutations in early infantile encephalopathy patents using whole-genome sequencing data	<b>Gabor T. Marth,</b> <i>University of Utah, USA</i>
<b>10:00-10:30</b>	Novel Routes to Neuroprotection in Traumatic Brain Injury	<b>Andrew A Pieper,</b> <i>Harrington Discovery Institute, University Hospitals Cleveland Medical Center, USA</i>
<b>Coffee Break 10:30 -10:40 @ Foyer</b>		
<b>Workshop on Transitional Age Youth (TAY)</b>		
<b>Yuli Fradkin, Rutgers University, USA</b>		
<b>10:40-11:00</b>	Developmentally informed care for TAY with early psychotic disorders	<b>Kim Hyun Jung,</b> <i>Harvard Medical School, USA</i>
<b>11:00-11:20</b>	TAY violence risk assessment and management	<b>Susan Parke,</b> <i>Yale University, USA</i>
<b>11:20-11:40</b>	Foster care youths with mental illness and their challenges transitioning to adulthood	<b>Timothy VanDeusen,</b> <i>Yale University School of Medicine, USA</i>
<b>11:40-12:00</b>	It Takes a Village: Systems of Care for Transitional Age Youth with Mental Illness	<b>Cynthia Wilson,</b> <i>MD, Yale University, USA</i>
<b>12:00-12:30</b>	<b>Break out small group exercise using clinical vignettes &amp; Panel Discussions</b>	
<b>lunch @ Restarunt 12:30 - 13:10</b>		
<b>Scientific Sessions: Dementia   Aging   Cognition   stroke   Child and Adolescent Mental Health   Autism</b>		
<b>Session Chairs</b>		
<b>Gabor T. Marth, University of Utah, USA</b> <b>Amanda Ellison, Durham University, UK</b>		

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<b>13:10-13:30</b>	Responsiveness of mesolimbic and mesocortical dopamine transmission during food and drugs of abuse consumption	<b>Valentina Bassareo,</b> <i>University of Cagliari, Italy</i>
<b>13:30-13:50</b>	Revisit: Who Is Responsible? A Man With Dementia Wanders From Home, Is Hit by a Train, and Dies	<b>Young Yuchi,</b> <i>State University of New York (SUNY) at Albany, USA</i>
<b>13:50-14:10</b>	The efficacy of mindfulness-based interventions on depressive symptoms and quality of life	<b>Rebecca Hedrick, MD</b> <i>Cedars Sinai Medical Center, USA</i>
<b>14:10-14:30</b>	Kynurenic acid metabolism and dementia	<b>Halina Baran,</b> <i>Karl Landsteiner Research Institute Mauer, Austria</i>
<b>14:30-14:50</b>	A study for determining the educational needs of older adults for a successful aging	<b>Hulya Oztop,</b> <i>Hacettepe University, Turkey</i>
<b>14:50-15:10</b>	Sharing The Gamification Approach As A Remote Monitoring Of Upper Limb Rehabilitation Among Stroke Survivors In Suburban Setting In Malaysia	<b>Muzaimi Mustapha,</b> <i>Universiti Sains Malaysia, Malaysia</i>
<b>15:10-15:30</b>	Executive functioning in preschool children affected by autism spectrum disorder	<b>Prof. Michele Roccella,</b> <i>University of Palermo, Italy</i>

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### Coffe Break 15:30 -15:40 @ Foyer

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<b>15:40-16:00</b>	Whole brain versus targeted dentate gyrus irradiation model to explain low to moderate doses of exposure effects in mice	<b>Durand Christelle,</b> <i>Institute for Radiological Protection and Nuclear Safety (IRSN), Research department on the Biological and Health Effects of Ionizing Radiation (SESANE), Laboratory of experimental Radiotoxicology and Radiobiology (LRTOX), Fontenay aux roses, France</i>
<b>16:00-16:20</b>	Impaired astrocytic IP3R2 signalling interferes with experience-dependent plasticity (EDP) in layers 2/3 of the murine barrel cortex	<b>Stanislaw Glazewski,</b> <i>Keele University, UK</i>
<b>16:20-16:40</b>	Emotional regulation in children with ASD with and without concurrent language impairment	<b>Yuli Fradkin, MD,</b> <i>Rutgers University, USA</i>
<b>16:40-17:00</b>	Substance use risk assessment through mining social media data	<b>Saeed Hassanpour,</b> <i>Dartmouth College, USA</i>

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## Scientific Program

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17:00-17:20

Neural mechanism of emotional and cognitive deficits in generalized anxiety disorder as revealed by abnormal dynamic ALFF

**Qian Cui,**

*University of Electronic Science and Technology of China, China*

17:20-17:40

Impairment of decision making in chronic trigeminal neuropathic pain is associated with desynchrony in the anterior cingulate cortex- amygdala network

**Ying Li,**

*City University of Hong Kong, Hong Kong*

### Posters 12:00-13:00

IFN101

Screening Mental Health in Children of Latino Parents at a Primary Care Office

**Matt Bojanowski,**

*Jackson Memorial Hospital, USA*

IFN102

Effect of modulating glutamate signaling on CNS myelination in a zebrafish model

**Funda Turan,**

*University of Bonn, Germany*

IFN103

Role of the neurotoxic lesion of the pedunculopontine nucleus as an approach to a pre-symptomatic experimental model of Parkinson's disease

**Ian martins,**

*Edith Cowan University, Australia*

**Video Presentation :** Daniela Aisenberg, PhD *Department of Clinical Psychology-Gerontology, Israel*

### Panel Discussion

# INTERNATIONAL FORUM OF NEUROSCIENCES

## Day 3 | Networking

**Wednesday**

June 13, 2019

Hall: ARMSTRONG