

# Scientific Program

Day 1

July 20, 2015

08:00-08:30 Registrations



09:00-09:25

## Opening Ceremony

### Keynote Forum

- 09:25-09:30 **Introduction**  
09:30-10:00 **Chi-Chao Chan**  
National Institutes of Health, USA  
10:00-10:30 **Woody R McGinnis**  
Autism Research Institute, USA

### Group Photo

Coffee Break: 10:30 - 10:45

### Special Session

- 10:45-11:45 **Title: Brainstem hypothesis for autism**  
**Woody R McGinnis**, Autism Research Institute, USA

### Panel Discussion

#### Workshop on Immunopsychiatry

- 11:45-12:05 **Title: Serum BDNF, TNF $\alpha$ , IL -2, IL- 6, IL – 8 changes and correlation in schizophrenia patients**  
**Hanjing Emily Wu**, University of Texas Health, USA  
12:05-12:25 **Title: HIV associated neurocognitive disorders**  
**Rodrigo Hasbun**, University of Texas Health, USA

Lunch Break: 12:25 - 13:25

- Track 1: Neuroimmunology**  
**Track 2: Neuro-immune Interaction**  
**Track 3: Neurophysiology/Epilepsy**  
**Track 13: Neuroinflammation**

**Session Chairs:** **Chi-Chao Chan**, National Institutes of Health, USA  
**Woody R McGinnis**, Autism Research Institute, USA

### Session Introduction

- 13:25-13:45 **Title: Endogenous pathways to limit inflammation in the CNS**  
**Denis Gris**, University of Sherbrooke, Canada  
13:45-14:05 **Title: Targeting the 2-AG hydrolytic enzyme ABHD6 in experimental autoimmune encephalomyelitis**  
**Yumin Zhang**, Uniformed Services University, USA  
14:05-14:25 **Title: Modulation of neuroimmune interactions using nanotechnology to prevent the development of chronic pain**  
**E Alfonso Romero-Sandoval**, Presbyterian College School of Pharmacy, USA  
14:25-14:45 **Title: Role of complement classical pathway protein C1q in neuroinflammation and neurodegeneration**  
**Uday Kishore**, Brunel University London, UK  
14:45-15:05 **Title: The therapeutic roles of ACE-overexpressing macrophages and resistance to structurally defined A $\beta$ 1-42 forms**  
**Maya Koronyo-Hamaoui**, Cedars-Sinai Medical Center, USA  
15:05-15:25 **Title: Inhibition of system Xc- transporter attenuates autoimmune inflammatory demyelination**  
**Tara De Silvia**, University of Alabama, USA

**15:25-15:45** **Title: The influence of glucocorticoids on the day/night changes of thymus-derived natural regulatory T cells development and function**  
Ewelina Kiernozek, University of Warsaw, Poland

Coffee Break 15:45 - 16:00

**16:00-16:20** **Title: Pathophysiological roles of the prostaglandin D2 system in the central and peripheral nervous system**  
Yoshihiro Urade, Tsukuba University, Japan

**16:20-16:40** **Title: Physiological stress results in potent suppression of iNKT cells following alpha-galactosylceramide mediated activation**  
Christopher R. Shaler, University of Western Ontario, Canada

**16:40-17:00** **Title: The inhibitory effects of chalcone derivatives from *dorris intica* on amyloid aggregation and cytotoxicity**  
Chantana Boonyarat, Khon Kaen University, Thailand

Panel Discussion

Day 2 July 21, 2015

## Keynote Forum

**09:30-10:00** **Lynn Pulliam**  
University of California, USA

**10:00-10:30** **Sulie Chang**  
Seaton Hall University, USA

Coffee Break: 10:30 - 10:45

Special Session : Neuropharmacology and Therapeutics

**10:45-11:45** **Title: Cannabinoids: Activating the endocannabinoid system to prevent the development of chronic pain**  
E Alfonso Romero-Sandoval, Presbyterian College School of Pharmacy, USA

Panel Discussion

Track 11: Neuroimmunogenetics  
Track 14: Psychoneuroimmunology  
Track 15: Stem Cells for Neurological Disorder Treatments  
Track 16: Neuropharmacology and Therapeutics  
Track 17: Biomarkers in Neurodegeneration

Session Chair: Sulie Chang, Seaton Hall University, USA

Session Introduction

**11:45-12:05** **Title: Gene expression changes consistent with neuroAIDS and impaired working memory in HIV-1 transgenic rats**  
Pietro Paolo Sanna, Scripps Research Institute, USA

**12:05-12:25** **Title: Microglia polarization: A common paradigm spanning from neuro-oncology to infectious diseases**  
Pierluigi Navarra, Catholic University Medical School, Italy

**12:25-12:45** **Title: Vaccination with heat-shock protein-'chaperoned'  $\alpha$ -Synuclein as a novel immunotherapeutic strategy against Parkinson's disease**  
Cintia Roodveldt, University of Seville, Spain

Lunch Break: 12:45 - 13:45

**13:45-14:05** **Title: Targeting the innate immune response to improve outcomes after CNS injury**  
Juan Pablo de Rivero Vaccari, University of Miami, USA

**14:05-14:25** **Title: The pathogenetic analysis of HPA axis regulated skin disorders-New inspiration on related drug development**  
Jing Shang, China Pharmaceutical University, China

**14:25-14:45** **Title: CysLT and EP receptors as targets for anti-seizure drugs: Preclinical data**  
Carlos Fernando Mello, Federal University of Santa Maria, Brazil

**14:45-15:05** **Title: Neuroprotective role of curcumin and resveratrol combination against AIC13 induced Alzheimer's disease in rats**

Ahmad Bassiouny, Alexandria University, Egypt

**15:05-15:25** **Title: Neurometabolic evidences for diabetes and intermittent explosive disorder: A case report**

Ahmet Mithat Tavli, University of Istanbul-Medipol, Turkey

#### Young Research Forum

**15:25-15:45** **Title: Glial receptors for extracellular mitochondrial transcription factor A (TFAM): Potential new therapeutic targets in the treatment of neurodegenerative diseases**

Stephanie M Schindler, University of British Columbia Okanagan, Canada

**15:45-16:05** **Title: Modulation of microglia-mediated neuroinflammation as a novel aspect of insulin activity in the central nervous system**

Lindsay J Spielman, University of British Columbia Okanagan, Canada

**16:05-16:25** **Title: FKBP12 and calcineurin matter: Repurposing FK506 to ameliorate synucleinopathies**

Gabriela Caraveo, Whitehead Institute for Biomedical Research, USA

#### Panel Discussion

Coffee Break: 16:35 - 16:50

**15:45-16:45**

#### Poster Sessions

**Title: The role of vagal nerve stimulation (vns) on neuroimmunologic aspect of epilepsy**

Hakan Ekmekci, Selcuk University, Turkey

**Title: What is the link between Herpes Simplex Encephalitis and Creutzfeldt-Jakob Disease**

Nilgun Cinar, Maltepe University, Turkey

**Title: Is monomeric CRP a marker for development of CRP in patients with MDD?**

Revathy Muniswamy, University of Hasselt, Belgium

**Title: Protective mechanism of FTY720 in ischemic stroke**

Priyadharshini Arunachalam, Universitätsklinikum Hamburg-Eppendorf, Germany

**Title: Olanzapine causes beta-cell dysfunction and apoptosis via mitochondrial pathway**

Jiezhong Chen, The University of Queensland, Australia

#### E-Posters

**Title: Obtaining neuronal stem cells differentiated progenitors. new tools to target neuronal disorders**

Anamaria Orza, Emory University School of Medicine, USA

**Title: Cell adhesion and mechanical stimulation in the regulation of Neuronal Induced Mesenchymal Stem Cell Differentiation. AFM Measurements**

Anamaria Orza, Emory University School of Medicine, USA

**Title: Cannabinoids and endocannabinoids as potential therapeutic drugs for multiple sclerosis**

Panagiotis Zogopoulos, General Hospital of Nikaia-Piraeus, Greece

**Title: Venlafaxine induces neurogenesis in frontal cortex and nucleus accumbens of Albino mice exposed to chronic mild stress-induced anhedonia**

Sahar Mohamed Kamal, Ain Shams University, Egypt

**Title: Fibromyalgia with chronic rheumatic diseases in South Korea: A comparison of clinical and two American colleges of rheumatology criteria**

Hyo Jin Choi, Gachon University, Korea

Track 5: Neuroimmunological Infectious Diseases

Track 7: Neurological disorders

Track 8: Neurodegenerative Diseases

Track 9: Blood Brain Barrier and Diseases

Track 10: Neurovirology

Track 12: Neuropathology

Session Chair: Mourad Tayebi, University of Surrey, England

## Session Introduction

- 09:30-09:50 **Title: Impact of bone fracture on stroke recovery**  
Hua Su, University of California, USA
- 09:50-10:10 **Title: Targeting soluble oligomers associated with Alzheimer with antibody-secreting mesenchymal stem cells**  
Mourad Tayebi, University of Surrey, UK

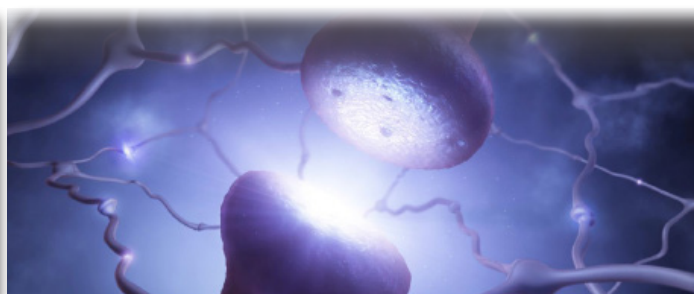
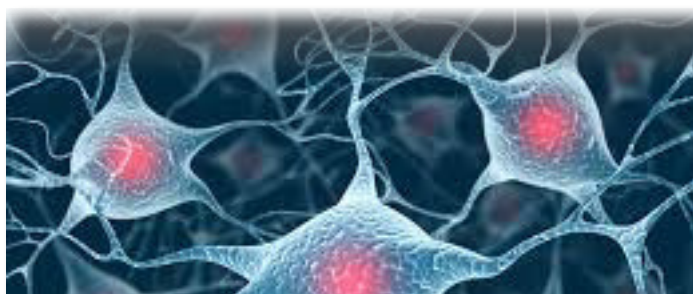
## Coffee Break 10:10 - 10:25

- 10:25-10:45 **Title: DA virus mutant H101 can alter t-cell mediated CNS pathogenesis through virus induced immunosuppression**  
Robert S Fujinami, University of Utah, USA
- 10:45-11:05 **Title: Therapeutic inflammatory monocyte modulation using MARCO-targeting carboxylated immune-modifying nanoparticles for amelioration of neuroinflammatory disease**  
Stephen D. Miller, Northwestern University, USA
- 11:05-11:25 **Title: Biomarker discovery for neuroendocrine cervical cancer**  
Hong-Lin Chan, National Tsing Hua University, Taiwan
- 11:25-11:45 **Title: Behavioural signatures of neuroinflammation**  
Denis Gris, University of Sherbrooke, Canada
- 11:45-12:05 **Title: Initial presentation of multiple sclerosis in Northern Iran: Is there any comparison to other countries?**  
Seyed Masoud Hojati, Babol University of Medical Sciences, Iran
- 12:05-12:25 **Title: Conditioned PLB as a behavioral management strategy to manage asthma**  
Matevz Leskovsek, Breathing Labs, Europe
- 12:25-12:45 **Title: Circulating signatures in patients with Parkinson's disease – a concrete search**  
AJ Vanisree, University of Madras, India

## Panel Discussion

## Award Ceremony

## Lunch Break 13:00 - 13:45



Bookmark your dates