

## Scientific Program

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# International Congress on Neuroimmunology & Therapeutics

San Francisco, USA July 20-22, 2015

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283<sup>rd</sup> OMICS International Conference

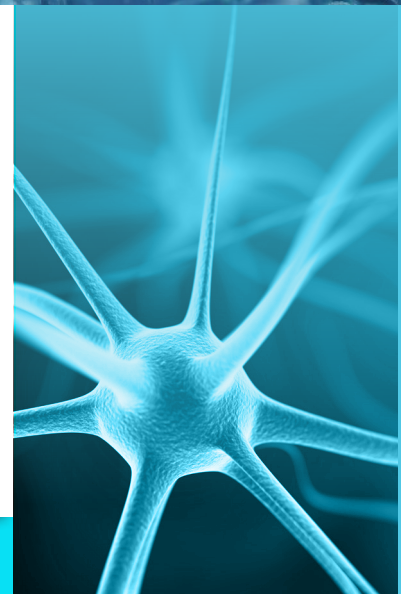


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### OMICS International Conferences

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## Keynote Forum

- 09:55-10:00 **Introduction**
- 10:00-10:25 **Chi-Chao Chan**  
National Institutes of Health, USA
- 10:25-10:50 **Woody R McGinnis**  
Autism Research Institute, USA

## Group Photo

Coffee Break: 10:50 - 11:10

## Special Session

- 11:10-11:55 **Brainstem hypothesis for autism**  
Woody R McGinnis, Autism Research Institute, USA

## Panel Discussion

## Workshop on: Immunopsychiatry

- 12:10-12:30 **Serum BDNF, TNF $\alpha$ , IL -2, IL- 6, IL – 8 changes and correlation in schizophrenia patients**  
Hanjing Emily Wu, University of Texas Health, USA
- 12:30-12:50 **HIV associated neurocognitive disorders**  
Rodrigo Hasbun, University of Texas Health, USA

## Panel Discussion

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

Session Chair: Chi-Chao Chan, National Institutes of Health, USA

Session Chair: Woody R McGinnis, Autism Research Institute, USA

## Session Introduction

- 13:05-13:25 **Endogenous pathways to limit inflammation in the CNS**  
Denis Gris, University of Sherbrooke, Canada
- 13:25-13:45 **Targeting the 2-AG hydrolytic enzyme ABHD6 in experimental autoimmune encephalomyelitis**  
Yumin Zhang, Uniformed Services University, USA

## Panel Discussion

Lunch Break: 14:00 - 14:45

## Session Introduction

- 14:45-15:05 **Modulation of neuroimmune interactions using nanotechnology to prevent the development of chronic pain**  
E Alfonso Romero-Sandoval, Presbyterian College School of Pharmacy, USA
- 15:05-15:25 **Role of complement classical pathway protein C1q in neuroinflammation and neurodegeneration**  
Uday Kishore, Brunel University London, UK
- 15:25-15:45 **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
- 15:45-16:05 **Inhibition of system Xc- transporter attenuates autoimmune inflammatory demyelination**  
Tara De Silvia, University of Alabama, USA
- 16:05-16:25 **The influence of glucocorticoids on the day/night changes of thymus-deriving natural regulatory T cells development and function**  
Ewelina Kiernozek, University of Warsaw, Poland

## Panel Discussion

- 16:55-17:15 **Pathophysiological roles of the prostaglandin D2 system in the central and peripheral nervous system**  
Yoshihiro Urade, Tsukuba University, Japan
- 17:15-17:35 **Physiological stress results in potent suppression of iNKT cells following alpha-galactosylceramide mediated activation**  
Christopher R. Shaler, University of Western Ontario, Canada
- 17:35-17:55 **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

- 09:30-09:55 **Lynn Pulliam**  
University of California, USA
- 09:55-10:20 **Sulie Chang**  
Seaton Hall University, USA

Coffee Break: 10:20 - 10:35

## Special Session : Neuropharmacology and Therapeutics

- 10:35-11:20 **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  
Track 18: Future Aspects

Session Chair: Sulie Chang, Seaton Hall University, USA

## Session Introduction

- 11:35-11:55 **Gene expression changes consistent with neuroAIDS and impaired working memory in HIV-1 transgenic rats**  
Pietro Paolo Sanna, Scripps Research Institute, USA
- 11:55-12:15 **Microglia polarization: A common paradigm spanning from neuro-oncology to infectious diseases**  
Pierluigi Navarra, Catholic University Medical School, Italy
- 12:15-12:35 **Vaccination with heat-shock protein-'chaperoned'  $\alpha$ -Synuclein as a novel immunotherapeutic strategy against Parkinson's disease**  
Cintia Roodveldt, University of Seville, Spain

## Panel Discussion

Lunch Break: 12:50 - 13:35

- 13:35-13:55 **Targeting the innate immune response to improve outcomes after CNS injury**  
Juan Pablo de Rivero Vaccari, University of Miami, USA
- 13:55-14:15 **The pathogenetic analysis of HPA axis regulated skin disorders-New inspiration on related drug development**  
Jing Shang, China Pharmaceutical University, China
- 14:15-14:35 **CysLT and EP receptors as targets for anti-seizure drugs: Preclinical data**  
Carlos Fernando Mello, Federal University of Santa Maria, Brazil
- 14:35-14:55 **Neuroprotective role of curcumin and resveratrol combination against A $\beta$ 1-42 induced Alzheimer's disease in rats**  
Ahmad Bassiouny, Alexandria University, Egypt
- 14:55-15:15 **Neurometabolic evidences for diabetes and intermittent explosive disorder: A case report**  
Ahmet Mithat Tavli, University of Istanbul-Medipol, Turkey

## Panel Discussion

Young Research Forum

- 15:30-15:50** **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
- 15:50-16:10** **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
- 16:10-16:30** **FKBP12 and calcineurin matter: Repurposing FK506 to ameliorate synucleinopathies**  
Gabriela Caraveo, Whitehead Institute for Biomedical Research, USA

**Panel Discussion**

**Day 3 July 22, 2015**

**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** **Impact of bone fracture on stroke recovery**  
Hua Su, University of California, USA
- 09:50-10:10** **Targeting soluble oligomers associated with Alzheimer with antibody-secreting mesenchymal stem cells**  
Mourad Tayebi, University of Surrey, England
- 10:10-10:30** **DA virus mutant H101 can alter t-cell mediated CNS pathogenesis through virus induced immunosuppression**  
Robert S Fujinami, University of Utah, USA

**10:30-10:45 Panel Discussion**

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

- 11:00-11:20** **Therapeutic inflammatory monocyte modulation using MARCO-targeting carboxylated immune-modifying nanoparticles for amelioration of neuroinflammatory disease**  
Stephen D. Miller, Northwestern University, USA
- 11:20-11:40** **Biomarker discovery for neuroendocrine cervical cancer**  
Hong-Lin Chan, National Tsing Hua University, Taiwan
- 11:40-12:00** **Behavioural signatures of neuroinflammation**  
Denis Gris, University of Sherbrooke, Canada
- 12:00-12:20** **Circulating signatures in patients with Parkinson's disease – a concrete search**  
AJ Vanisree, University of Madras, India
- 12:20-12:40** **Conditioned PLB as a behavioral management strategy to manage asthma**  
Matevz Leskovsek, Breathing Labs, Europe
- 12:40-13:00** **Initial presentation of multiple sclerosis in Northern Iran: Is there any comparison to other countries?**  
Seyed Masoud Hojati, Babol University of Medical Sciences, Iran

**13:00-13:15 Panel Discussion**

**Award Ceremony**

**Lunch Break 13:15 - 14:00 @ Atrium**

**Bookmark your dates**



**2<sup>nd</sup> International Congress on Neuroimmunology & Therapeutics**

**Atlanta, USA March 30-April 01, 2016**

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