Scientific Program

3rd International Conference and Exhibition on Neurology & Therapeutics
September 08-10, 2014 Hilton Philadelphia Airport, USA

Media Partners

Exhibitor

UK: Conference Series llc LTD
47 Churchfield Road, London, W3 6AY, UK
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: neurology2014@omicsgroup.us
## Track 1: Novel Therapeutics, Diagnostics and Case Studies for Neurological Disorders

### Session Introduction

**Session Chair:** Amina Woods, Johns Hopkins School of Medicine, USA  
**Session Co-Chair:** Guangping Gao, University of Massachusetts, USA

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<td>13:40-13:55</td>
<td>Gene therapy for animal models of Krabbe disease</td>
<td>Mohammad Rafi, Thomas Jefferson University, USA</td>
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<td>14:00-14:20</td>
<td>Immunopathogenesis and therapy of multiple sclerosis and devic’s disease from bench to bedside</td>
<td>A M Rostami, Thomas Jefferson University, USA</td>
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<td>14:20-14:40</td>
<td>Human gut-derived commensal bacteria as drug (BRUGS) for treatment of inflammatory autoimmune diseases</td>
<td>Ashutosh K Mangalam, Mayo Clinic Rochester, USA</td>
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<td>14:40-14:55</td>
<td>Novel signal transduction therapies for paralysis and pain</td>
<td>Chen Guang Yu, University of Kentucky, USA</td>
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<td>15:00-15:20</td>
<td>Axonal and cell degeneration in mouse models of Alzheimer’s disease: An EM study</td>
<td>Krikor Dikranian, Washington University, USA</td>
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<td>15:20-15:40</td>
<td>Mitochondrial dysfunction, common final pathway for aging an Alzheimer’s disease: Therapeutic aspects</td>
<td>Walter E Muller, Goethe-University, Germany</td>
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### Lunch Break 12:55-13:40 @ Benjamin's

**Title:** Expression of human mitochondrial transcriptional factor A (hTFAM) improves cognitive function in Alzheimer's disease model mice  
**Speaker:** Yusaku Nakabeppu, Kyushu University, Japan

## Keynote Forum

### 09:25-09:50

**Simon Kaja**  
University of Missouri, USA

### 09:50-10:15

**James Nussbaum**  
ProHealth & Fitness PT OT USA

## Track 2: Developments in Neuro Immunology

**Session Chair:** Guang-Xian Zhang, Thomas Jefferson University, USA  
**Session Co-Chair:** Betty Tyler, Johns Hopkins University School of Medicine, USA

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## Track 3: Neurosurgery

**Session Chair:** Guang-Xian Zhang, Thomas Jefferson University, USA  
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## Coffee Break 10:35-10:55 @ Ball Room Foyer

## Coffee Break 15:40-16:00 @ Ball Room Foyer

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**Keynote Forum**

**09:25-09:50**  
**Simon Kaja**  
University of Missouri, USA

**09:50-10:15**  
**James Nussbaum**  
ProHealth & Fitness PT OT USA
Title: AMP-activated protein kinase regulates macrophage polarization and controls autoimmune disease  
Shailender Giri, Henry Ford Health System, USA  

Title: Evaluation of early neurological complications following liver transplantation  
Emrah Otan, Inonu University School of Medicine, Turkey  

Title: A Medico-judicial Framework for rehabilitation of forensic psychiatric patients in Zimbabwe  
Virginia Dube, Zimbabwe  

Title: Myelinated fibres as the source of benefit in deep brain stimulation  
Gordon W Arbuthnott, Okinawa Institute of Science and Technology Graduate University, Japan  

18:00-19:00 Cocktails sponsored by Journals of Neurological Disorders @ Ball Room Foyer  

Day 2 September 09, 2014  
Independence C  
Keynote Forum  

**09:00-09:25**  
**Marie Trad**  
Quintiles, France  

**09:25-09:50**  
**Jacqueline Sidman**  
The Sidman Institute, USA  

**Track 4: Multiple Sclerosis**  
**Track 5: Neuro Pharmacology**  
**Track 6: Neurogenetics**  

**Session Chair: Marie Trad, Quintiles, France**  
**Session Co-Chair: Changman Zhou, Peking University Health Science Center, China**  

**09:50-10:10**  
**Preliminary support for the cognitive therapeutics method**  
Jennifer Couch, Home Care Assistance, USA  

**10:10-10:30**  
**Role of NLRs in multiple sclerosis pathology**  
Denis Gris, University of Sherbrooke, Canada  

**09:00-09:25**  
**Improved functioning in a patient with chronic dementia following a program of non-pharmacological interventions:**  
Jennifer Couch, Home Care Assistance, USA  

**11:10-11:30**  
**Glycogen body metabolism is required for neurons against stresses**  
Yan Liu, George Washington University, USA  

**Workshop**  

**11:30-12:15**  
**Unravelling defense mechanisms: How the subconscious mind releases early painful memories in order to heal physical, behavioral and emotional problems**  
Jacqueline Sidman, The Sidman Institute, USA  

**12:15-13:35**  
**Systemic varicella zoster infection causing cerebral venous thrombosis and revealing prothrombotic state**  
Ayman Mahmoud Alboudi, Rashid Hospital, UAE  

**13:15-13:35**  
**1,25-dihydroxyvitamin D3 enhances neural stem cell proliferation and oligodendrocyte differentiation**  
Hasti Atashi Shirazi, Thomas Jefferson University, USA  

**Lunch Break 13:35-14:15 @ Benjamin's**  

**14:15-14:35**  
**Exercise-enhanced neuroplasticity in Parkinson's disease**  
Rutvik Pandya, Rajiv Gandhi University of Health Sciences, INDIA  

**14:35-14:55**  
**Development of novel thanostatic agents for intra-nasal delivery of temozolomide in glioblastoma treatment**  
Rishi R Adhikary, Indian Institute of Technology Bombay, India  

**Special Session**  

**14:55-15:35**  
**CNS drug development perspectives for young neurologists**  
Marie Trad, Quintiles, France  

**15:55-16:55**  
**Poster Presentations**  

**16:55-17:30**  
**Awards Ceremony**  

**18:00-19:00**  
Cocktails sponsored by Journal of Neurology & Neurophysiology @ Ball Room Foyer
Day 3  September 10, 2014
Independence C

Track 7: The Therapeutic Aspects of Molecular and Cellular Neuroscience
Track 8: Neurorehabilitation
Track 9: Novel Research In Neurological Medicine and Trauma

Session Introduction

Session Chair: Guang Xian Zhang, Thomas Jefferson University, USA
Session Co-Chair: Nagwa Abdel Meguid, National Research Centre, Egypt

09:30-10:30 Symposium on “Stem cells for Neurological Disorders”
Guang Xian Zhang, Thomas Jefferson University, USA

10:30-10:50 Title: TMEM166 knockdown attenuates ischemic-induced neuronal autophagy via mTOR pathway in mice
Changman Zhou, Peking University Health Science Center, China

Coffee Break 10:50-11:10 @ Ball Room Foyer

11:10-11:30 Title: Recent advances in molecular medicine: Changing the practice of neurology
Nagwa Abdel Meguid, National Research Centre, Egypt

11:30-11:50 Title: Thinking and brain functioning: A direct connection to prevent the disorder
Maria Furriol, EATA, Argentina

Track 10: Recent trends in Neurology
Track 11: Clinical Neurology
Track 12: Acute Migrane Therapy

Session Introduction

Session Chair: Guang Xian Zhang, Thomas Jefferson University, USA
Session Co-Chair: Nagwa Abdel Meguid, National Research Centre, Egypt

11:50-12:10 Title: How shall we take care of Schizophrenia today?
Laurence Lacoste, Saint Louis Hospital, France

12:10-12:30 Title: Frequency of cardiac risk factors in Ischemic Stroke
Mushtaque Ahmed, Weill Cornell Medical College, USA

12:30-12:50 Title: Simvastatin reverses the down regulation of M1/4 receptor binding in 6-hydroxydopamine-induced Parkinsonian rats: The association with improvements in long term memory
Qing Wang, Sun Yat-Sen University, China

12:10-12:30 Title: Paranasal sinus nitric oxide and migraine: A new hypothesis on the sino rhinogenic theory
S M Rathnasiri Bandara, Teaching Hospital Kandy, Sri Lanka

Lunch Break 13:10-13:50 @ Benjamin’s

Closing Ceremony

Bookmark your dates

4th International Conference and Exhibition on Neurology & Therapeutics
July 27-29, 2015 Naples, Italy