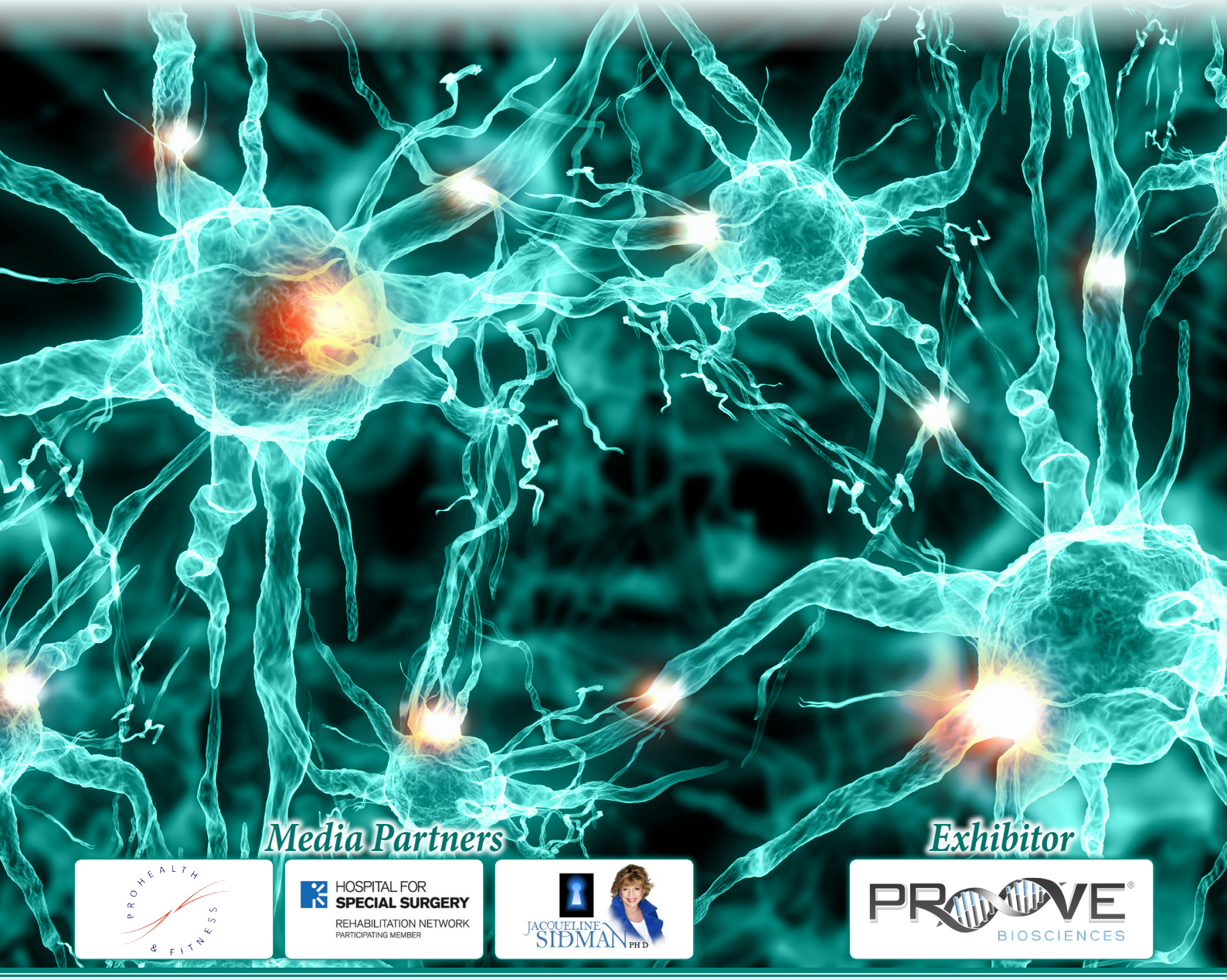
201st OMICS Group Conference

Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference and Exhibition on
Neurology & Therapeutics

September 08-10, 2014 Hilton Philadelphia Airport, USA



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Exhibitor

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Email: *neurology2014@omicsgroup.us*

Day 1 September 08, 2014

08:00-09:00 Registrations

Independence C

09:00-09:25 **Opening Ceremony**

Keynote Forum

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

09:50-10:15 **James Nussbaum**
ProHealth & Fitness PT OT, USA

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

10:15-10:35 **How MS analysis in general and innovative imaging MS sheds light on what's happening in traumatic brain injury**
Amina S Woods, Johns Hopkins School of Medicine, USA

Coffee Break 10:35-10:55 @ Ball Room Foyer

10:55-11:15 **Labile and immobilized iron in neurodegenerative diseases**
Christopher Batich, University of Florida, USA

11:15-11:35 **Robert H Rosenwasser,** Thomas Jefferson University, USA

11:35-11:55 **Canavan's disease as a model for development of efficacious, sustainable and safe rAAV gene therapeutics for CNS disorders**
Guangping Gao, University of Massachusetts, USA

11:55-12:15 **Searching for new possibilities to target neuro-developmental disorders associated with cognitive disabilities**
Maria Victoria, University of Houston, USA

12:15-12:35 **Etiology-based drug discovery for amyotrophic lateral sclerosis (ALS)**
Thomas J Lukas, Northwestern University, USA

12:35-12:55 **Cerebellar ataxias: Insights from recent preclinical and clinical studies**
Simon Kaja, University of Missouri, USA

Lunch Break 12:55-13:40 @ Benjamin's

13:40-14:00 **Gene therapy for animal models of Krabbe disease**
Mohammad Rafi, Thomas Jefferson University, USA

14:00-14:20 **Immunopathogenesis and therapy of multiple sclerosis and devic's disease from bench to bedside**
A M Rostami, Thomas Jefferson University, USA

14:20-14:40 **Human gut-derived commensal bacteria as drug (BRUGS) for treatment of inflammatory autoimmune diseases**
Ashutosh K Mangalam, Mayo Clinic Rochester, USA

14:40-15:00 **Novel signal transduction therapies for paralysis and pain**
Chen Guang Yu, University of Kentucky, USA

15:00-15:20 **Axonal and cell degeneration in mouse models of Alzheimer's disease: An EM study**
Krikor Dikranian, Washington University, USA

15:20-15:40 **Mitochondrial dysfunction, common final pathway for aging an Alzheimer's disease: Therapeutic aspects**
Walter E Muller, Goethe-University, Germany

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

16:00-16:20 **Expression of human mitochondrial transcriptional factor A (hTFAM) improves cognitive function in Alzheimer's disease model mice**
Yusaku Nakabeppu, Kyushu University, Japan

Track 2: Developments in Neuro Immunology
Track 3: Neurosurgery

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

16:20-16:40 **Transduction of a LINGO-1 inhibitor significantly enhances the effect of neural stem cells in remyelination and axon repair**
Guang-Xian Zhang, Thomas Jefferson University, USA

16:40-17:00 **AMP-activated protein kinase regulates macrophage polarization and controls autoimmune disease**
Shailender Giri, Henry Ford Health System, USA

17:00-17:20 **Evaluation of early neurological complications following liver transplantation**
Emrah Otan, Inonu University School of Medicine, Turkey

17:20-17:40 **A Medico-judicial Framework for rehabilitation of forensic psychiatric patients in Zimbabwe**
Virginia Dube, Zimbabwe

17:40-18:00 **Myelinatedfibres 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 Introduction

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

09:50-10:10 **Improved functioning in a patient with chronic dementia following a program of non-pharmacological interventions: 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

Coffee Break 10:30-10:50 @ Ball Room Foyer

10:50-11:10 **Alzheimer disease and human consciousness: A neurogenetic connection**
John K Grandy, North Country Urgent Care, 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

Young Research Forum

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

12:35-12:55 **Drug utilization study of anti-epileptic drugs in pediatric population**
Sengottuvel Viswanathan, Delhi University, India

12:55-13:15 **To evaluate the neurological manifestation of HIV patient in a tertiary hospital**
Alex Cherian, Ministry of Health, Kuwait

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 theranostic 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

Coffee Break 15:35-15:55 @ Ball Room Foyer

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: Neurorehabiliation
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	**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	**Recent advances in molecular medicine: Changing the practice of neurology** **Nagwa Abdel Meguid,** National Research Centre, Egypt
11:30-11:50	**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	**How shall we take care of Schizophrenia today?** **Laurence Lacoste,** Saint Louis Hospital, France
12:10-12:30	**Frequency of cardiac risk factors in Ischemic Stroke** **Mushtaque Ahmed,** Weill Cornell Medical College, USA
12:30-12:50	**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	**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

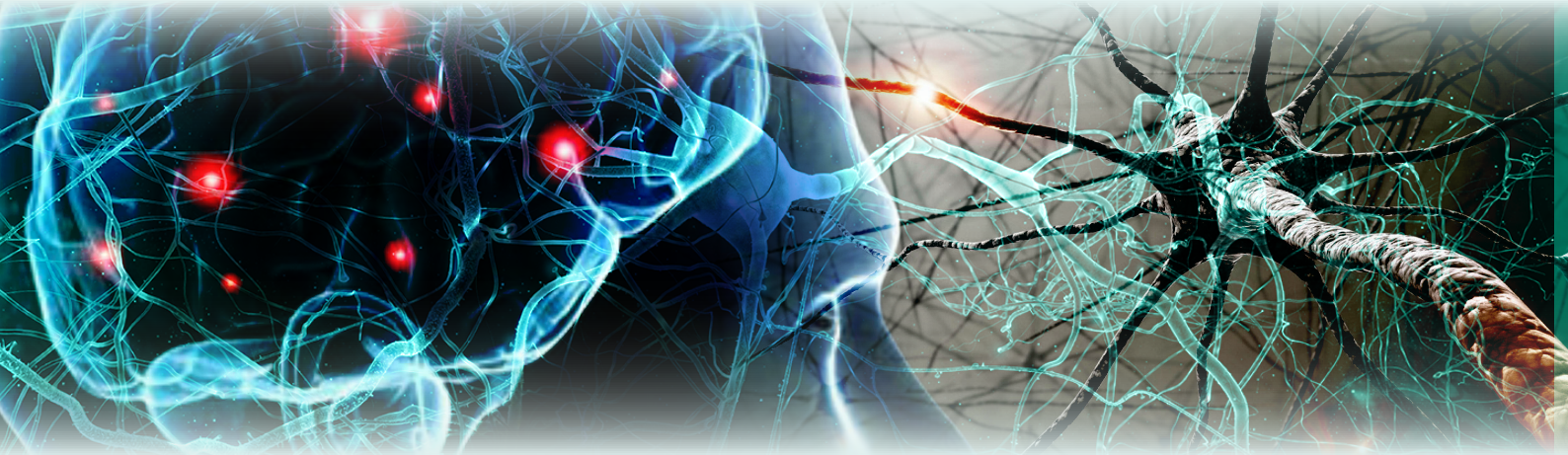
Closing Ceremony

Bookmark your dates

OMICS Group Conferences
Accelerating Scientific Discovery

4th International Conference and Exhibition on Neurology & Therapeutics

July 27-29, 2015 Naples, Italy



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