

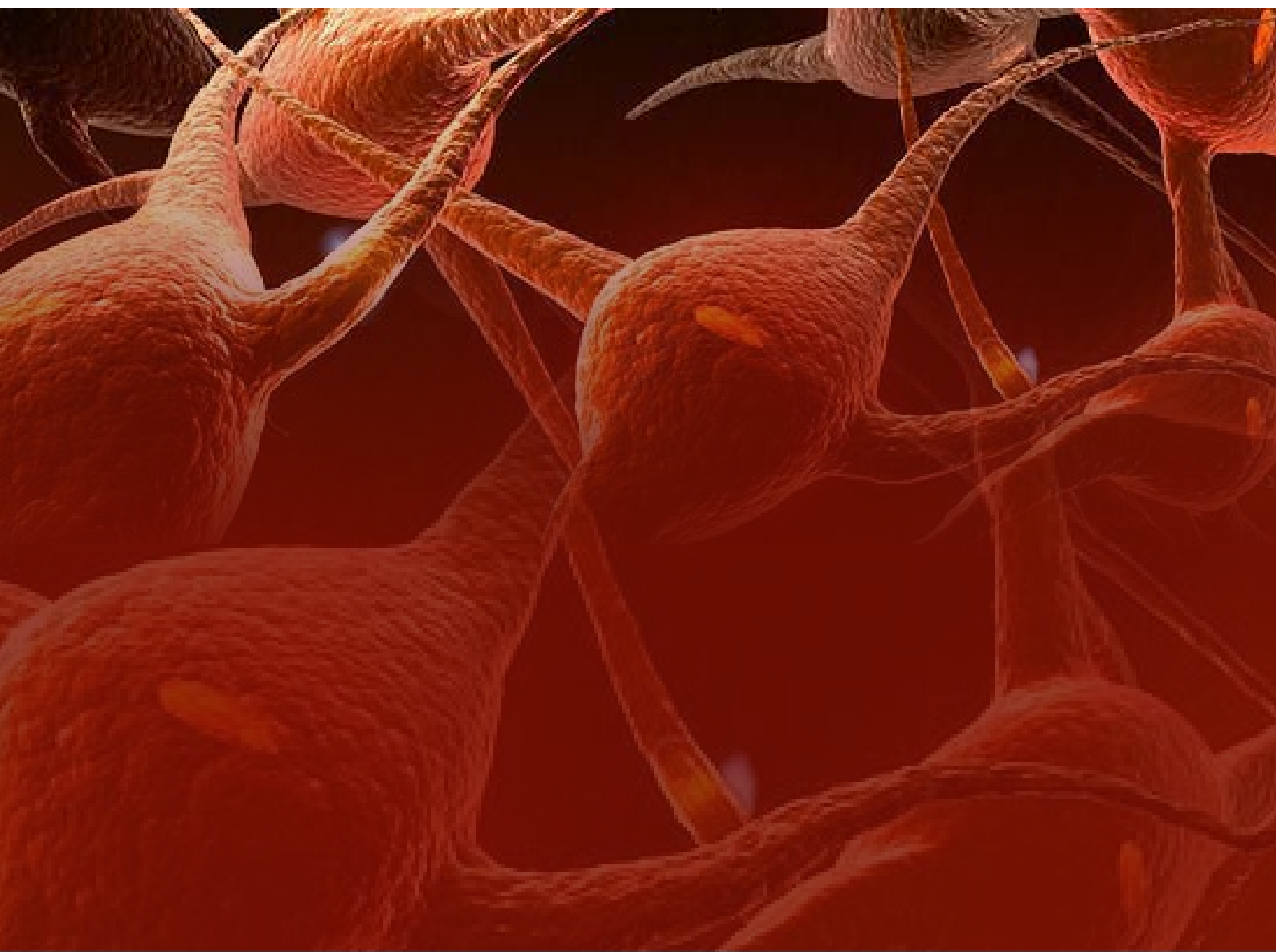
Scientific Program



International Conference and Exhibition on

Neurology & Therapeutics

May 14-16, 2012 Embassy Suites Las Vegas, USA



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OMICS Group Conferences

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08:30-09:00
Tropicana 1&2

Opening Ceremony

Keynote Forum

09:00-09:05 Introduction

09:05-09:30 **C. David James**

University of California, San Francisco, USA

09:30-09:55 **Asim Mahmood**

Henry Ford Hospital, USA

09:55-10:20 **Ahmad Salehi**

Stanford Medical School, USA

10:20-10:45 **Abha Chauhan**

NYS Institute for Basic Research in Developmental Disabilities, USA

Coffee Break 10:45-11:00

Track 2-1: Diagnosis and Genetic Testing for Neurological Disorders(Huntington Disease, Schizophrenia, Insomnia, Amnesias, Down Syndrome and Autism)

Track 2-2: Parkinson's Disease

Track 2-3: Alzheimer's Disease

Track 2-4: Multiple Sclerosis

Track 2-5: Movement Disorders, Dementias, Headaches and Pheripheral Nerve Disorder

Session Introduction

11:00-11:20

Title: Alzheimer's disease and Parkinson's disease overlap-A role for Oxysterols?

Othman Ghribi, University of North Dakota School of Medicine, USA

11:20-11:40

Title: 4-O-methylhonokiol attenuated memory impairment through reduction of oxidative damage, and amyloid- β generation and accumulation in mouse models of Alzheimer's disease

Jin Tae Hong, Chungbuk National University, Korea

11:40-12:00

Title: Cognitive Biomarkers: SAGE screening for the early identification of mild cognitive impairment and Alzheimer's disease

Douglas W. Scharre, Ohio State University Medical Center, USA

12:00-12:20

Title: Hypometabolism as a therapeutic target in Alzheimer's disease

Samuel T Henderson, Accera, Inc., USA

12:20-12:40

Title: Neurogenic bladder: A study on identification of risk groups & their therapeutic implications

M. Bajpai, All India Institute of Medical Sciences, India

Lunch Break 12:40-13:10

- 13:10-13:30** **Title: Biochemical detection of misfolded amyloid-beta oligomers for sensitive diagnosis of Alzheimer's disease**
Claudio Soto, University of Texas Medical School, USA
- 13:30-13:50** **Title: Potential therapeutic implications of Gelsolin in Alzheimer's disease**
Ved Chauhan, NYS Institute for Basic Research in Developmental Disabilities, USA
- 13:50-14:10** **Title: Modeling dementia-related voiding dysfunction using transgenic Alzheimer disease mice**
Jeremy B Tuttle, University of Virginia School of Medicine, USA
- 14:10-14:30** **Title: Protective and therapeutic benefits of adipose stem cells in animal models of Alzheimer's disease and experimental cerebral palsy**
Jeong Chan Ra, Chungbuk National University, Korea
- 14:30-14:50** **Title: Neural actions of luteinizing hormone and Alzheimer's disease**
Zhenmin Lei, University of Louisville School of Medicine, USA
- 14:50-15:10** **Title: Disturbances of innate immunity in Alzheimer's Disease: Possible therapeutic approach**
Jerzy Leszek, Wroclaw Medical University, Poland

Coffee Break 15:10-15:25

- 15:25-15:45** **Title: Genome-wide screen for modifiers of Parkinson's disease genes in Drosophila**
Yong Rao, McGill University Health Centre, Canada
- 15:45-16:05** **Title: Using branched chain amino acids as a novel therapeutic for brain injury**
Jeffrey T Cole, Uniformed Services University of the Health Sciences, USA
- 16:05-16:25** **Title: Metabolic challenges in Schizophrenia and with antipsychotic drug therapy**
Udaya M Kabadi, University of Iowa, USA
- 16:25-16:45** **Title: Small GTP-binding proteins as a therapeutic target for cognitive deficiencies**
Odelia Yuh Ngala Bongmba, University of Houston, USA
- 16:45-17:05** **Title: Therapeutic approaches to prevent the spreading of tauopathy in Alzheimer's disease**
Giulio Maria Pasinetti, Mount Sinai School of Medicine, USA
- 17:05-17:25** **Title: Down syndrome (DS): Studies focusing on risk factors other than advanced maternal age**
Natalia V. Kovaleva, Saint Petersburg State Pediatric Medical Academy, Russia
- 17:25-17:45** **Title: PRPMS-Prediction of rehabilitation potential in Multiple Sclerosis by Neuromuscular Assessment**
Ligia Rusu, University of Craiova, Romania
- 17:45-18:05** **Title: Do autism and fragile X syndrome share neurobiological markers?**
Nagwa A Meguid, National Research Centre, Egypt
- 18:05-18:25** **Title: Progressive neurodegenerative shielding of Curcumin, Demethoxycurcumin & Bis-demethoxycurcumin on nigrostriatal terminal lesion model of Parkinson's disease in Albino Wistar rats: A comparative approach**
Sumeet Gullaiya, Delhi Institute of Pharmaceutical Sciences and Research, India
- 18:25-18:45** **Title: Role of oxidative stress in animal model of Alzheimer Disease**
Ferihan Cetin, Dokuz Eylul University, Turkey
- 18:45-19:05** **Title: Multiple Sclerosis in women: Pregnancy**
Teresa Corona Vazquez, National Institute of Neurology and Neurosurgery, Mexico

19:05-19:20 **Panel Discussion**

Tropicana 1

Track 1-1: Neuropharmacology, ADME/T in Drug Discovery & Anti-Neurodegenerative Drug Discovery

Track 1-2: Ion Channels, Transporters and Neurotransmitter Receptors

Track 1-3: Neural Stem Cells and Gene or Cell Therapy

Session Introduction

- 11:00-11:20** **Title: Adipose-derived stem cell conditioned media extends survival of a mouse model of amyotrophic lateral sclerosis**
Yansheng Du, Indiana University School of Medicine, USA
- 11:20-11:40** **Title: Coupling energy metabolism and intracellular calcium homeostasis**
William D. Watson, Uniformed Services University of the Health Sciences, USA
- 11:40-12:00** **Title: Estrogens physiologically antagonize the cannabinoid regulation of energy balance: Implications for using cannabinoid agonists as therapeutic adjuncts in stimulating appetite in cachexic women**
Edward J. Wagner, Western University of Health Sciences, USA
- 12:00-12:20** **Title: miR-20a regulates genes involved in oligodendrocyte lineage and splicing**
Erming Wang, University of Kentucky, USA
- 12:20-12:40** **Title: Drug discovery in a Drosophila model of ALS based on TDP-43**
Daniela Zarnescu, University of Arizona, USA

Lunch Break 12:40-13:10

- 13:10-13:30** **Title: The NMDA receptor/NO signaling as a therapeutic target in mood disorders: Three decades adventure**
Mehdi Ghasemi, Johns Hopkins University School of Medicine, USA
- 13:30-13:50** **Title: Identification of effective inhibitors of enterovirus replication**
Robert D Damoiseaux, University of California, USA
- 13:50-14:10** **Title: New approaches to paralytic snakebite, A who-designated neglected tropical disease**
Rais Vohra, UCSF-Fresno Medical Center, USA
- 14:10-14:30** **Title: Mitochondria and glutamate-induced neurodegradation, the phospholipase A2 as a target for the prevention of the degradation**
G. D. Mironova, Institute of Theoretical and Experimental Biophysics RAS, Russia
- 14:30-14:50** **Title: Preparation and characterization of poly(ester amine) derivatives for lung cancer gene therapy**
Rohidas Arote, Seoul National University, Korea
- 14:50-15:10** **Title: Why D-neuron?**
Keiko Ikemoto, Fukushima Medical University, Japan

Coffee Break 15:10-15:25

- 15:25-15:45** **Title: Design, synthesis and anticonvulsant activity of some novel 1,2,4-Triazine Derivatives**
Mohammad Amir, Hamdard University, India
- 15:45-16:05** **Title: Ti^+ transport through the transient water pores in cell membranes induced by DMSO**
Benlan Ye, Medical College of Xiamen University, China
- 16:05-16:25** **Title: Changes in the expression of serotonin receptor 5-HT_{5A} by chemical substances**
Maria Guadalupe Garcia Alcocer, Universidad Autonoma de Queretaro, Mexico
- 16:25-16:45** **Title: A novel bioluminescence-based assay for functional evaluation of the Nav channelosome**
Fernanda Laezza, The University of Texas Medical Branch, USA
- 16:45-17:05** **Title: Fibrinogen as a contributor and therapeutic target in neuroinflammatory disease**
Katerina Akassoglou, University of California, USA

17:05-17:20 Panel Discussion

18:30-19:30 Cocktails & Reception

Sponsored by Journal of Neurology & Neurophysiology

08:00-09:00 Registrations

Breakfast 08:30-09:00

Tropicana 1

Track 3-1: Neural Stem Cells & Neurosurgery

Track 3-2: Neurodevelopmental Diseases & Thermogenesis

Track 3-3: Neuroimmunological Disorders & Neurotransmitters & Neurodegenerative Disorders & Neurotrophins

Track 4 : Neuromics, Neuroproteomics, Neurogenomics & Human Brain Proteome

Session Introduction

09:00-09:20 **Title: Anti-oxidant and anti-inflammatory effects of flavonoids in neurodegenerative diseases**
Kenza E. Benzeroual, Long Island University, USA

09:20-09:40 **Title: Targeting the peripheral immune system to modify Neurodegeneration**
Paul J. Muchowski, Gladstone Institute of Neurological Disease, USA

09:40-10:00 **Title: Executive functions among boys with ADHD: The relationship between performance based assessment and parents report**
Batya Engel-Yeger, University of Haifa, Israel

10:00-10:20 **Title: Neuroprotection by insulin and glucagon: Role of glutamate**
A. Higazi, University of Pennsylvania, USA

Coffee Break 10:20-10:35

10:35-10:55 **Title: Effect of magnesium sulfate on the total anesthetic and analgesic requirements in neurosurgery**
Essam Manaa, King Khalid University Hospital, Saudi Arabia

10:55-11:15 **Title: Treatment management of neuropathic pain**
Michael Namaka, University of Manitoba, Canada

11:15-11:35 **Title: Neuroinflammation in surgery-induced cognitive decline: Can we prevent it?**
Niccolo Terrando, Karolinska Institute, Sweden

11:35-11:55 **Title: Diagnostic and therapeutic use of a novel protein-unfolding activity, oligomeric actin-interacting protein 2 (Aip2p), for neurodegenerative diseases**
Naomi Hachiya, Tokyo Medical University, Japan

11:55-12:10 Panel Discussion

Track 5-1: Physiotherapy and Speech Therapy

Track 5-2: Occupational Therapy and Neuropsychology

Track 6-1: Epilepsy Surgery

Track 6-2: Epilepsy, EEG, Prevention and Management

Track 7 : Clinical Neurophysiology and Electrophysiology

Track 8 : Current Trends in Neurophysiology

Session Introduction

12:10-12:30 **Title: Transcriptome profiling of hippocampal CA1 after early life seizure-induced preconditioning may elucidate new genetic therapies for Epilepsy**
L. K. Friedman, New York Institute of Technology, USA

12:30-12:50 **Title: Medical psychology: Clinical practices and implications for practitioners**
Kathy Sexton-Radek, Elmhurst College, USA

Lunch Break 12:50-13:30

13:30-13:50 **Title: Differential ability of Serotonergic drugs to selectively block seizure-induced sudden death in the DBA/1 mouse model of sudden unexpected death in Epilepsy (SUDEP)**
Carl L. Faingold, Southern Illinois University School of Medicine, USA

13:50-14:10 **Title: Inflammatory and neurogenic mechanisms of Epilepsy**
Lee A. Shapiro, Texas A&M Health Science Center, USA

- 14:10-14:30** **Title: The effects of a skilled physical therapy program on functional outcome measures and falls in patients with peripheral neuropathy**
James Nussbaum, ProHealth & Fitness PT OT, USA
- 14:30-14:50** **Title: Neurodevelopmental impact of antiepileptic drug exposure**
Alexei Kondratyev, Georgetown University Medical Center, USA
- 14:50-15:10** **Title: Sleep pattern in kangaroo mother care**
Mohamadzadeh Ashraf, Neonatal Research Center, Iran
- 15:10-15:30** **Title: Cannabinoid 1 receptor as therapeutic target in preventing chronic epilepsy**
Roberto Di Maio, University of Pittsburgh, USA

Coffee Break 15:30-15:45

- 15:45-16:05** **Title: Gap-junction is a new target for epileptic therapy in human gelastic seizures with hypothalamic hamartoma**
Jie Wu, Barrow Neurological Institute, USA
- 16:05-16:25** **Title: A review of the Psychometric properties of the CRAFFT instrument: 1999- 2011**
Shayesta Dhalla, University of British Columbia, Canada
- 16:25-16:45** **Title: Behavioral manifestations of sensory hypersensitivity among children with epilepsy**
Batya Engel-Yeger, University of Haifa, Israel
- 16:45-17:05** **Title: The risks of suicidality in adult patients with epilepsy**
Sherifa Ahmad Hamed, Assiut University Hospital, Egypt
- 17:05-17:25** **Title: The effects of Hippotherapy on motor performance and function in United States military veterans**
Roy Lee Aldridge, Arkansas State University, USA
- 17:25-17:45** **Title: Cognitive rehabilitation of the most commonly encountered cognitive deficits**
Jeri Morris, American Board of Psychiatry and Neurology, USA

17:45-18:00 Panel Discussion

Tropicana 2

Editorial Board Meeting

09:20-12:00 Poster Presentations

13:00-16:00 Scientific Partnering

17:30-19:30 Cocktails & Reception

Sponsored by Journal of Alzheimer's Disease & Parkinsonism

Day 3 May 16, 2012

08:00-09:00 Registrations

Breakfast 08:30-09:00

Tropicana 1

Track 9-1 : MR Spectroscopy and MR Tractography & Cerebral Tumor Imaging

Track 9-2 : GMH-IVH impact on Neurology

Track 10-1: Cerebrospinal Pathologies & Clinical Case Studies in Neurosciences

Track 11-1: Neurovascular Intervention

Track 11-2: Translational Stroke Research

Track 11-3: Biomarkers and Stem Cell Research, Novel Diagnostics and Regulatory Guidelines in Neuroscience

Session Introduction

- 09:00-09:20** **Title: Stroke in Children**
Eduardo Mekitarian Filho, University of Sao Paulo, Brazil
- 09:20-09:40** **Title: Cell cycle as a part of DNA damage response in postmitotic neurons**
Inna Kruman, Texas Tech University Health Sciences Center, USA
- 09:40-10:00** **Title: Cross-talk between oxysterol and Wnt pathway in Myelination : New therapeutic avenues for myelin pathologies**
Charbel Massaad, Paris Descartes University, France

10:00-10:20 **Title: Role of epigenetics in regulation of astroglial excitatory amino acid transporter 2 (EAAT2) expression**
Prasun K. Datta, Temple University School of Medicine, USA

Coffee Break 10:20-10:35

10:35-10:55 **Title: Susac's syndrome, rare CNS vasculitis in a teenager: A case report**
Aman Singh Sohal, The Great North Childrens Hospital, U.K

10:55-11:15 **Title: General rapid C-[11C]methylation and C-[18F]fluoromethylation: Revolutionary advanced method for synthesis of short-lived PET Probes**
Masaaki Suzuki, RIKEN Center for Molecular Imaging Science, Japan

11:15-11:35 **Title: Neuronal insulin receptor signaling: Regulation by therapeutic drugs and bioactive agents**
Toshihiko Yanagita, University of Miyazaki, Japan

11:35-11:55 **Title: Role of prognostic biomarkers in a prospective cohort of 400 severe traumatic brain injury patients admitted to intensive care units in southern Brazil**
Andrea Regner, Universidade Luterana do Brasil, Brazil

11:55-12:15 **Title: Novel TCPL delivery system: Inhibition of hypothalamic-pituitary gonadal hormones by sustained delivery of testosterone**
Hamed Benghuzzi, University of Mississippi Medical Center, USA

12:15-12:35 **Title: Item hierarchy of the cerebral palsy quality of life for children (CP QOL-Child)**
Sing Kai Lo, Kaohsiung Medical University, Taiwan

12:35-12:55 **Title: Evaluation of neuronal and axonal damage after traumatic brain injury using quantitative magnetic resonance imaging techniques**
Augusto Elias Mamere, Cancer Hospital of Barretos, Brazil

Lunch Break 12:55-13:40

13:40-14:00 **Title: Identification of survival pathways through integrated analysis of the transcriptome of Medulloblastoma**
Zhandong Liu, Baylor College of Medicine, USA

14:00-14:20 **Title: Hyperglycemia and postoperative outcomes in pediatric neurosurgery**
Eduardo Mekitarian Filho, University of Sao Paulo, Brazil

14:20-14:40 **Title: Free radical scavenger edaravone administration protects against tissue plasminogen activator induced oxidative stress and blood brain barrier damage**
Violeta Lukic-Panin, Okayama University, Japan

14:40-15:00 **Title: Neurological implications of essential strabismus**
Martín Gallegos-Duarte, Universidad Autonoma de Queretaro, Mexico

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

Tropicana 2

Editorial Board Meeting

Bookmark your dates



2nd International Conference and Exhibition on

Neurology & Therapeutics

April 15-17, 2013 Chicago, USA

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 3 rd International Conference on Biomarkers & Clinical Research July 2-4, 2012 Embassy Suites Las Vegas, USA	 2 nd International Conference on Proteomics & Bioinformatics July 2-4, 2012 Embassy Suites Las Vegas, USA	 International Conference and Exhibition on Orthopedics August 13-15, 2012 Hilton Chicago/Northbrook, USA
 International Conference and Exhibition on Rheumatology & Therapeutics August 14-15, 2012 Hilton Chicago/Northbrook, USA	 International Conference and Exhibition on Addiction Research & Therapy August 20-22, 2012 Embassy Suites Las Vegas, USA	 2 nd World Congress on Virology August 20-22, 2012 Embassy Suites Las Vegas, USA
 International Conference and Exhibition on Nephrology & Therapeutics August 20-22, 2012 Hilton Chicago/Northbrook, USA	 2 nd International Conference on Vaccines & Vaccination August 20-22, 2012 Hilton Chicago/Northbrook, USA	 International Conference on Earth Science & Climate Change August 21-22, 2012 Hilton Chicago/ Northbrook, USA
 International Conference on Pathology August 27-29, 2012 DoubleTree by Hilton Philadelphia, USA	 International Conference on Pulmonary & Respiratory Medicine August 27-29, 2012 DoubleTree by Hilton Philadelphia, USA	 International Conference and Exhibition on Nutritional Science & Therapy August 27-29, 2012 DoubleTree by Hilton Philadelphia, USA
 International Conference on Central Nervous System - Drugs Effecting & Novel Drug Development September 5-7, 2012 DoubleTree by Hilton Philadelphia, USA	 International Conference on Occupational Health & Safety Summit September 5-7, 2012 DoubleTree by Hilton Philadelphia, USA	 International Conference on Hydrology and Ground Water Expo September 10-12, 2012 Hilton San Antonio Airport, USA
 2 nd World Congress on Cancer Science & Therapy September 10-12, 2012 Hilton San Antonio Airport, USA	 World Congress & Expo on Bioaivers and Biosimilars September 10-12, 2012 Hilton San Antonio Airport, USA	 3 rd World Congress on Biotechnology September 13-15, 2012 Hyderabad International Convention Center, India
 International Conference on Biodiversity and Sustainable Energy Development September 14-15, 2012 Hyderabad International Convention Center, India	 International Conference and Exhibition on Solar Systems & Power Generation Technologies September 14-15, 2012 Hyderabad International Convention Center, India	 International Conference and Exhibition on Hotel & Business Management September 14-15, 2012 Hyderabad International Convention Center, India
 Toxicology Summit and Expo September 17-19, 2012 Holdiy Inn San Antonio, USA	 International Conference and Exhibition on Translational Medicine September 17-19, 2012 Holdiy Inn San Antonio, USA	 3 rd International Conference on Diabetes & Metabolism September 24-26, 2012 Marriott Convention Center, India
 2 nd International Conference on Pediatrics & Gynaecology September 24-26, 2012 Marriott Convention Center, India	 International Conference on Tissue Science & Engineering October 1-3, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 International Conference and Exhibition on Pharmacovigilance & Clinical Trials October 1-3, 2012 DoubleTree by Hilton Chicago - Northshore, USA
 International Integrative Biology Summit October 1-3, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 International Conference on Emerging Cell Therapies October 1-3, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 World Congress on Forensic Research & Technology October 15-17, 2012 DoubleTree by Hilton Chicago - Northshore, USA
 International Conference on Otolaryngology October 15-17, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 International Conference on Biothreat & Biodefense October 15-17, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 International Conference on Clinical and Cellular Immunology October 22-24, 2012 DoubleTree by Hilton Chicago - Northshore, USA
 International Conference on Material Sciences & Engineering October 22-24, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 International Expo and Conference on Analytix and HPLC October 22-24, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 International Conference and Exhibition on Computer Aided Drug Design & QSAR October 29-31, 2012 DoubleTree by Hilton Chicago-Northshore, USA
 International Conference on Personalised Medicine & Molecular Diagnostics October 29-31, 2012 DoubleTree by Hilton Chicago - Northshore, USA	 2 nd World Congress on Cell Science & Stem Cell Research November 12-14, 2012 Hilton San Antonio Airport, USA	 International Conference on Clinical Microbiology & Microbial Genomics November 12-14, 2012 Hilton San Antonio Airport, USA
 International Conference on Regenerative & Functional Medicine November 12-14, 2012 Hilton San Antonio Airport, USA	 Global Biofuels & Bioproduct Summit November 19-21, 2012 Hilton San Antonio Airport, USA	 International Conference on Genetic Syndromes & Gene Therapy November 19-21, 2012 Hilton San Antonio Airport, USA
 International Conference and Exhibition on Probiotics November 19-21, 2012 Hilton San Antonio Airport, USA	 International Conference and Exhibition on Food Processing and Technology November 22-24, 2012 Hyderabad International Convention Center, India	 3 rd International Conference on Analytical & Bioanalytical Techniques November 22-24, 2012 Hyderabad International Convention Center, India
 2 nd International Conference on Pharmaceutical Regulatory Affairs November 23-24, 2012 Hyderabad International Convention Center, India	 International Conference and Exhibition on Cosmotology & Cosmetics November 23-24, 2012 Hyderabad International Convention Center, India	 International Conference and Exhibition on Surgery and Transplantation November 26-28, 2012 Hilton San Antonio Airport, USA
 International Conference on Hair Transplantation & Trichology November 26-28, 2012 Hilton San Antonio Airport, USA	 International Conference on Anesthesia & Perioperative Care November 26 - 28, 2012 Hilton San Antonio Airport, USA	 International Conference on Obesity & Weight Management December 3-5, 2012 DoubleTree by Hilton Philadelphia, USA
 International Summit on GMP&GCP: USA, Europe, Japan & Asia Pacific December 3-5, 2012 DoubleTree by Hilton Philadelphia Center City, USA	 International Conference on QC, QA and Validation December 3-5, 2012 DoubleTree by Hilton Philadelphia Center City, USA	 2 nd International Conference on Nanotek and Expo December 3-5, 2012 DoubleTree by Hilton Philadelphia Center City, USA