

Report on the Third Neurological Disorders Summit (NDS-2017)

Jin Jun Luo

Departments of Neurology and Pharmacology, Temple University School of Medicine, Philadelphia, PA, USA

Correspondence to:

Jin Jun Luo, MD, PhD
Departments of Neurology and Pharmacology
Lewis Katz School of Medicine at Temple
University, Philadelphia, PA, USA
E-mail: jluo@temple.edu

Received: August 02, 2017

Accepted: August 07, 2017

Published: August 08, 2017

Citation: Luo JJ. 2017. Report on the Third Neurological Disorders Summit (NDS-2017). *J Neurol Exp Neurosci* 3(2): 44.

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Published by United Scientific Group

Meeting Report

The 3rd Neurological Disorders Summit (NDS-2017) organized by United Scientific Group was held from July 7, 2017 to July 9, 2017 at Crowne Plaza Hotel, San Francisco, USA. One hundred thirty five attendees from more than 30 countries presented at NDS-2017 over 3 days with 7 keynote lectures, 80 oral and 41 poster presentations. Of the keynote speakers, Dr. Kenneth Blum (Co-Chairman of NDS-2017), Wright State University, USA conducted “Customized DNA Directed Nutrition to Balance the Brain Reward Circuitry and Reduce Addictive Behaviors” on different products that reduce cravings and addiction by influencing gene expression. Dr. Howard J Federoff conducted “Plasma Metabolomic Profiles and Cognitive Function” showing the implications of plasma metabolomic signature with regard to cognitive function and potential implications for dementia. Dr. Zang-Hee Cho, who developed world’s first circular ring PET, presented “Advances in Neuroimaging and Its Applications: From PET/MRI Fusion Imaging to Super-Resolution”. Dr. Michael Merzenich, a pioneer in neuroplasticity, lectured on “Brain Plasticity and Brain Health”. Dr. John M Baumann, an internationally-recognized inspiring speaker, who himself was diagnosed with Parkinson’s disease at the age of 41, talked views from public awareness on Parkinson’s disease and encouraged medical personnels to go beyond the clinical roles on Parkinson’s disease. Dr. Rajendra Badgaiyan from Wright State University, USA addressed “Dopaminergic Processing of Human Cognition and Behavior: What We Learned from the Data Acquired in the Live Human Brain in Real Time”. Dr. Jin Jun Luo from Temple University, USA Lectured “Elevated Plasma Homocysteine and Neurologic Disorders”.

Oral and poster presentations were carried out on various topics including “Neurological Disorders: Symptomatology, Pathophysiology, and Etiology”, “Diagnostics of Neurological Disorders: Neuroimaging, Biomarkers and Laboratory studies”, “Parkinson Disease and other Movement Disorders”, “Neuromuscular Disorders and Peripheral Neuropathies”, “Neurological Disorders: Prevention, Treatment, and Rehabilitation”, “Autism and Neurodevelopmental Disorders”, “Stroke Management Prevention, Treatment, and Recovery”, “Neurotrauma, Neuroinflammation, and Neuro-immune Disease”, “Migraine and Headache, Epilepsy, Neurodegeneration” and “Multiple Sclerosis”. Those presentations demonstrated the first hand findings of basic and/or clinical researches which were well appreciated by the participants. Rewards of research for best poster presentations were awarded to Mr. Samuel Shin, Ms. Sampada Sinha, Dr. Nobuyuki Kuramoto and Ms. Irene Chaves-Coira, the young investigators and postdoctoral students.

The Summit has provided an exciting opportunity to showcase research, modern technologies and the service of the industry to the global audience on neurological disorders. The 4th Neurological Disorders Summit will be held on July 23 to 25, 2018 in Los Angeles, USA. We look forward to seeing your presence with your research findings at the next Summit.