

Tentative Program

Frontiers in Neurosurgery

September 7 (Wed.)

Place: Room C (2F)

Session Time: 14:00-15:10

OP-W-C-1

14:00-14:10

Enhanced Interplay of Neuronal Coherence and Coupling in the Dying Human Brain

Presenter: Can Sarica (United States)

Co-Authors: Raul Vicente, Michael Rizzuto, Can Sarica, Kazuaki Yamamoto, Mohamed Sadr, Tarun Khajuria, Mostafa Fatehi, Farzad Moien-Afshari, Charles Haw, Rodolfo Llinas, Andres Lozano, Joseph Neimat, Ajmal Zemmar

OP-W-C-2

14:10-14:20

Sweet Spots of Standard and Directional Leads in Patients with Refractory Essential Tremor: White Matter Pathways associated with Tremor Improvement

Presenter: Josue Avecillas Chasin (United States)

Co-Authors: Josue Avecillas Chasin, Christopher Honey, Manraj Heran, Marie Krueger

OP-W-C-3

14:20-14:30

Connectivity Network and Optimal Stimulation Site Exploring of High-Frequency Subthalamic Deep Brain Stimulation for Alleviating and Deteriorating Freezing of Gait

Presenter: Houyou Fan (China)

Co-Authors: Houyou Fan, Yutong Bai, Jianguo Zhang

OP-W-C-4

14:30-14:40

Evolution of the Targeting of the Anterior Limb of the Internal Capsule Circuits for Obsessive Compulsive Disorder: Multi-Institutional Experience

Presenter: Josue Avecillas Chasin (United States)

Co-Authors: Josue Avecillas Chasin, Kisueng Choi, Andrew Smith, Helen Mayberg, Brian Kopell, Martijn Figee

OP-W-C-5

14:40-14:50

A Novel Voltammetric Approach for Biomarker Identification and Deep Brain Stimulation for Cocaine Addiction

Presenter: Jason Yuen (United States)

Co-Authors: Jason Yuen, Abhinav Goyal, Aaron Rusheen, Abbas Kouzani, Michael Berk, Jee Hyun Kim, Susannah Tye, Osama Abulseoud, Charles Blaha, Kevin Bennet, Kendall Lee, Hojin Shin, Yoonbae Oh,

OP-W-C-6

14:50-15:00

Decreased Visual Conflict Detection Threshold in Parkinson's Disease Patients with Freezing of Gait

Presenter: hutao xie (China)

Co-Authors: hutao xie, yutong bai, jianguo zhang

OP-W-C-7

15:00-15:10

Effect of Optogenetic Inhibition of Reactive Astrocytes on the Gaba Secretion and Recovery of Parkinsonism in A53T Parkinson'S Disease Rat Model

Presenter: Eun Jung Lee (Korea, Republic of)

Co-Authors: Eun Jung Lee, Hyung Ho Yoon, Sang Ryong Jeon