



Tentative Program

Neural Restoration/Imaging Technologies

September 7 (Wed.)

Place: Room B (2F)

Session Time: 15:30-16:30

FP-W-B-1

15:3-15:3

White Matter Connectivity of STN and GPi Deep Brain Stimulation Targets

Presenter: Ki Sueng Choi (United States)

Co-Authors: Aislyn DiRisio, Josue Avecillas-Chasin, Martijn Figee, Joohee Jimenez-Shahed, Helen Mayberg, Ki Sueng Choi, Brian Kopell

FP-W-B-2

15:35-15:40

Infrafloccular Approach for Microvascular Decompressions on the Root Exit Zone of the Facial Nerve in Patients with Hemifacial Spasm.

Presenter: Tae-Kyu Lee (Korea, Republic of)

Co-Authors: Tae-Kyu Lee, Min-Ho Lee

FP-W-B-3

15:40-15:45

Correlation of Lesion Persistence and Outcomes in MR-Guided Focused Ultrasound Thalamotomy for Essential Tremor

Presenter: Melissa Chua (United States)

Co-Authors: Melissa Chua, Sarah Blitz, Alfredo Pinzon, Michele Cavallari, Rees Cosgrove, Charles Guttmann

FP-W-B-4

15:45-15:50

A New Non-Invasive Frameless Registration System for Stereotactic Cranial Biopsy: Technical Description

Presenter: Denys Fontaine (France)

Co-Authors: Fabien Almairac, Aurelie Leplus-Wuertzer, Denys Fontaine



FP-W-B-5

15:50-15:55

Staged Bilateral Magnetic Resonance Image-Guided Focus Ultrasound Thalamotomy for Essential Tremor

Presenter: HIDEHIRO HIRABAYASHI (Japan)

Co-Authors: HIDEHIRO HIRABAYASHI, Kenji Fukutome, Hideyuki Ohnishi

FP-W-B-6

15:55-16:00

Focused Ultrasound Thalamotomy for Refractory Essential Tremor: a Japanese Multicenter Single-Arm Study with Recent Topic

Presenter: Keiichi Abe (Japan)

Co-Authors: Keiichi Abe, Shiro Horisawa, Toshio Yamaguchi, Hiroki Hori, Kazumichi Yamada, Kimito Kondo, Hironori Furukawa, Hajime Kamada, Haruhiko Kishima, Satoru Oshino, Hideki Mochizuki, Manabu Kanemoto, Hidehiro Hirabayashi, Kenji Fukutome, Hideyuki Ohnishi, Keiji

FP-W-B-7

16:00-16:05

Review of the Targeting Accuracy of Robot-Assisted Deep Brain Stimulation Electrode Implantation in Paediatric Patients with Use of Renishaw 3D Neurolocate Module.

Presenter: Raenette David (United Kingdom)

Co-Authors: Raenette David, Maria Rosaria Scala, Jonathan Ellenbogen

FP-W-B-8

16:05-16:10

Application of Transcranial Sonography in Precise Target Localization of STN-DBS Electrode Implantation

Presenter: SHI Youcai (China)

Co-Authors: SHI Youcai

FP-W-B-9

16:10-16:15

Utility of Hybrid PET/MRI in Stereoelectroencephalography-Guided Radiofrequency Thermocoagulation in Patients with Drug-Resistant Epilepsy

Presenter: wei liu (China)

Co-Authors: Wei Liu, Hongyang Li, Shikun Zhan, Zhengdao Deng, Miao Zhang, Chunyan Cao, Bomin Sun



FP-W-B-10

16:15-16:20

A Novel Portable Low Field MRI for Intraoperative Use

Presenter: Prashin Unadkat (United States)

Co-Authors: Prashin Unadkat, Sharon Bossert, Kevin Sheth, Gordon Sze, Danielle Golub, Nick Kleiner, Betsy Moclair, Benziger Bensam, Richard Temes, Michael Schulder

FP-W-B-11

16:20-16:25

Improved Subthalamic Nucleus Depiction for Deep Brain Stimulation via High-Resolution Quantitative Susceptibility Mapping

Presenter: Yi Wang (United States)

Co-Authors: Weiwei Zhao, Xi Wu, Chunhui Yang, Luguang Chen, Chao Ma, Gaiying Li, Yi Wang, Jianqi Li