New insights of epilepsy research

Chairs: Naoki Akamatsu
International University of Health and Welfare School of Medicine, Department of Neurology
Kazutaka Jin
Department of Epileptology, Tohoku University Graduate School of Medicine

NFS-01-1 Automated seizure detection using wearable device
Sandor Beniczky
Aarhus University Hospital, Denmark / Danish Epilepsy Centre, Denmark

NFS-01-2 Drug treatment of epilepsy; past, current and future
Patrick Kwan
Van Cleef Centre for Nervous Diseases, Monash University, Australia

NFS-01-3 Trends of intracranial electroencephalographic evaluation for epilepsy surgery
Riki Matsumoto
Division of Neurology, Kobe University Graduate School of Medicine, Japan

NFS-01-4 Memory disturbance in temporal lobe epilepsy
Takahiko Mukaino
Department of Neurology, Kyushu University Hospital, Japan

NFS-01-5 AI detection of ictal DC shift to facilitate its use as a surrogate biomarker for epilepsy surgery
Masahiro Gotoh
Department of Neurology, Kyoto University Graduate School of Medicine, Japan

Four repeat tau-related neurodegeneration from basic science to bedside-A rapidly evolving field with critical unmet needs

Chairs: Gabor Kovacs
University of Toronto and University Health Network, Toronto
Toshiki Uchihara
Nitobe Memorial Nakano General Hospital/Toko Medical and Dental Univ

NFS-02-1 The challenges in diagnosis and functional assessment of the 4R tauopathies PSP and CBD
Anthony E. Lang
University of Toronto and University Health Network, Toronto, Canada / Toronto Western Hospital, Canada
NFS-02-2 Imaging tau lesions in the patients' brain
Makoto Higuchi
Department of Functional Brain Imaging, National Institutes for Quantum Science and Technology, Japan

NFS-02-3 Pathological distinction of CBD and PSP: possible and meaningful?
Toshiki Uchihara
Nitobe Memorial Nakano General Hospital, Neurology Clinic with Neuromophomics Laboratory, Japan / Tokyo Medical and Dental University, Neurology and Neurlogical Science, Japan / Juntendo University, Neurology, Japan

NFS-02-4 New perspectives on Astrocytes in Tau-related conditions
Gabor G. Kovacs
University of Toronto, Canada / University Health Network, Toronto, Canada

NFS-02-5 Biochemical distinction CBD/PSP
Masato Hasegawa
Tokyo Metropolitan Institute of Medical Science, Department of Brain and Neurosciences, Japan

NFS-03 Neuroscience Frontier Symposium 03
5月18日（水）13:20 ~ 15:20 第10会場（ガラス棟4F G409）

ALS and beyond: cutting-edge research on motor neuron diseases
Chairs: Makoto Urushitani
Department of Neurology, Shiga University of Medical Science
Masahisa Katsuno
Department of Neurology, Nagoya University Graduate School of Medicine

NFS-03-1 iPSCs-based disease modeling, drug development, clinical trial, and reverse TR for ALS
Hideyuki Okano
Keio University School of Medicine, Japan

NFS-03-2 Therapeutics development for spinal muscular atrophy
Adrian R. Krainer
Cold Spring Harbor Laboratory, USA

NFS-03-3 Next generation therapies for SBMA
Masahisa Katsuno
Department of Neurology, Nagoya University, Tokai National Higher Education and Research System, Japan

NFS-03-4 Unveiling link between TDP-43 and dynactin: lessons from Perry disease
Yoshio Tsuboi
Department of Neurology, Fukuoka University, Japan

NFS-03-5 Antisense nucleotides that promote splicing of the exitron encoding the prion-like domain of TDP-43
Genri Toyama
Department of Neurology, Brain Research Institute, Niigata University, Japan
The Perspective of Parkinson Disease in A Centenarian Society

Chairs: Kazushi Takahashi
Tokyo Metropolitan Neurological Hospital
Taku Hatano
Juntendo University School of Medicine

NFS-04-1  Characteristics of Elderly PD Patients
Francisco Cardoso
The Federal University of Minas Gerais, Brazil

NFS-04-2  α-Synuclein Pathology in Centenarians
Zen-ichi Tanei
Department of Cancer Pathology, Faculty of Medicine, Hokkaido University, Japan

NFS-04-3  Diagnosis and Treatment of Elderly Patients with Parkinson's Disease
Asako Yoritaka
Department of Neurology, Juntendo University Koshigaya Hospital, Japan

NFS-04-4  Nonpharmacological Treatment of Elderly Patients with PD: A Multidisciplinary Approach
Ikuko Aiba
Department of Neurology, National Hospital Organization Higashinagoya National Hospital, Japan