

Competition and Co-Creation in ALS Drug Development

Chairs : Masashi Aoki

Department of Neurology, Tohoku University School of Medicine, Japan

Makiko Nagai

Department of Neurology, Kitasato University School of Medicine, Japan

NFS-01-1 Development of Clinical Trial Guidelines for ALS from Japan

Koji Fujita

Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

NFS-01-2 Establishing a Genetic Testing Framework for the Era of Gene Therapy

Ayumi Nishiyama

Department of Neurology, Tohoku University Graduate School, Japan

NFS-01-3 Harmonization of Clinical Outcome Measures and Assessment Procedures in ALS Clinical Trials

Naoki Atsuta

Department of Neurology, Aichi Medical University School of Medicine, Japan

NFS-01-4 ALS Drug Development in Japan: A Vision for the World and the Future

Takehisa Hirayama

Department of Neurology, Toho University Faculty of Medicine, Japan

NFS-01-5 Collaboration in ALS Drug Development: what are the challenges

Leonard H. Van den Berg

University Medical Center Utrecht, Netherlands

NFS-01-6 Advice for Japan in ALS Drug Development

Hiroshi Mitsumoto

Columbia University, USA

NFS-02 Neuroscience Frontier Symposium02**Multidisciplinary comprehensive epilepsy research in the world: from basic, AI to clinical domain**

Chairs : Akio Ikeda

Department of Epilepsy, Movement Disorders and Physiology, Kyoto University Graduate School of Medicine, Japan

Naoki Akamatsu

International University of Health and Welfare, Neurology, Japan

NFS-02-1 Engineering New Technologies for Treating Epilepsy Using Networks, Big Data, Atlases and AI

Brian Litt

University of Pennsylvania, USA

NFS-02-2 Ionic and metabolic plasticity driving the onset and evolution of epileptic seizures
Ko Matsui
Super-network Brain Physiology, Graduate School of Life Sciences, Tohoku University, Japan

NFS-02-3 Human astrocyte and wide-band EEG in epilepsy: its utility and cortical spreading depolarization
Akio Ikeda
Department of Epilepsy, Movement Disorders and Physiology, Kyoto University Graduate School of Medicine, Japan

NFS-02-4 Glia-mediated epileptogenesis: Sequential and cooperative roles of microglia and astrocytes
Schuichi Koizumi
Dept Neuropharmacol, Grad Sch Med, Univ Yamanashi, Japan / Yamanashi GLIA Center, Japan

後援：日本てんかん学会

NFS-03 Neuroscience Frontier Symposium03

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5月22日 (金) 14:30 ~ 16:30

第10会場 (パシフィコ横浜 会議センター 4F 416+417)

Next generation quantitative assessment of neurological symptoms using digital devices

Chairs : Seiji Hitoshi
Department of Integrative Physiology, Shiga University of Medical Science, Japan
Yoshitaka Nagai
Department of Neurology, Kindai University Faculty of Medicine, Japan

NFS-03-1 Deconstructing Ataxia: Domain-Specific Kinematic Analysis as a Digital Biomarker Strategy
Osamu Onodera
Dept. of Neurol., BRL, Niigata Univ., Japan

NFS-03-2 Quantitative Assessment of Ataxia Using Wearable Sensors and Eye Tracking
Anoopum Gupta
Massachusetts General Hospital and Harvard Medical School, USA

NFS-03-3 Video- and AI-based assessment of ataxia
Katsuki Eguchi
Research Center for Cooperative Projects, Faculty of Medicine and Graduate School of Medicine, Hokkaido University, Japan / Department of Neurology, Hokkaido University, Japan

NFS-03-4 Wearable device-based evaluation of Parkinson's disease
Genko Oyama
Department of Neurology, Saitama Medical University, Japan