

NFS-01 Neuroscience Frontier Symposium 01**Web En**

May 31 (Wed) 13:20 ~ 15:20 Room 06 (Makuhari Messe International Conference Hall 3F 302)

Uncovering molecular link between nutrition and neurodegeneration in ALS

Chairs : Makoto Urushitani

Department of Neurology, Shiga University of Medical Science, Japan

Osamu Kano

Department of Neurology, Toho University Faculty of Medicine, Japan

NFS-01-1 The role of TDP-43 in the lipid dysregulation in CNS of ALS

Naohiro Egawa

Department of Neurology, Kyoto University Graduate School of Medicine, Japan / iPSC-Based Drug Discovery and Development Team, RIKEN BioResource Research Center, Japan / Center for iPS Cell Research and Application (CiRA), Kyoto University, Japan

NFS-01-2 Metabolomic analysis of ALS

Masahisa Katsuno

Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Department of Clinical Research Education, Nagoya University Graduate School of Medicine, Japan

NFS-01-3 Making sense of energy imbalance in ALS

Shyuan T. Ngo

The University of Queensland, Australia

NFS-01-4 Deciphering the glial functions of TDP-43

Shuo-Chien Ling

National University of Singapore, Singapore / Duke-NUS Medical School, Singapore

NFS-02 Neuroscience Frontier Symposium 02**Web En**

June 1 (Thu) 15:35 ~ 17:35 Room 01 (Makuhari Messe International Conference Hall 2F Convention Hall)

Gene and cell therapy for neurological diseases

Chairs : Hideyuki Okano

Dept. of Physiology, Keio University School of Medicine, Japan

Takanori Yokota

Tokyo Medical and Dental University, Japan

NFS-02-1 Designer DNA drug therapy for ALS and other TDP-43 proteinopathies

Don Cleveland

University of California, San Diego, USA

NFS-02-2 Gene therapy for Parkinson's disease

Shin-ichi Muramatsu

Division of Neurological Gene Therapy, Center for Open Innovation, Jichi Medical University, Japan / Center for Gene & Cell Therapy, The Institute of Medical Science, The University of Tokyo, Japan

NFS-02-3 Advanced Medicine for ALS

Masashi Aoki

Department of Neurology, Tohoku University School of Medicine, Japan

NFS-02-4 Development of the Therapeutics for Parkinson Disease targeting alpha synuclein**Kensuke Ikenaka**

Osaka University Graduate School of Medicine, Japan

NFS-02-5 DNA/RNA heteroduplex oligonucleotides for neurological diseases**Takanori Yokota**

Department of Neurology and Neurological Science, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Japan

NFS-03 Neuroscience Frontier Symposium 03**Web En****June 2 (Fri) 13:45 ~ 15:45 Room 01 (Makuhari Messe International Conference Hall 2F Convention Hall)****Common and specific pathologies in neurodegeneration****Chairs : Hitoshi Okazawa**

Tokyo Medical and Dental University, Japan

Yoshitaka Nagai

Department of Neurology, Kindai University Faculty of Medicine, Japan

NFS-03-1 Mitochondrial twin proteins CHCHD2 and CHCHD10 as neurodegenerative disease-associated proteins**Yuzuru Imai**

Juntendo University Graduate School of Medicine, Japan

NFS-03-2 Polyglutamine-mediated neurotoxicity in developmental stages of spinal and bulbar muscular atrophy**Tomoki Hirunagi**

Department of Neurology, Nagoya University Graduate School of Medicine, Japan

NFS-03-3 DNA damage repair and neurodegeneration**Kyota Fujita**

Research Center for Child Mental Development, Kanazawa University, Japan

**NFS-03-4 ~~Transcription and neurodegeneration (including any other topics)~~
(tentative)**~~**Albert La Spada**~~~~University of California Irvine School of Medicine, USA~~**Withdrawn****NFS-03-5 Expanding the repeat disease world unveiled by repeat-associated non-AUG (RAN) translation****Yoshitaka Nagai**

Department of Neurology, Kindai University Faculty of Medicine, Japan / Life Science Research Institute, Kindai University, Japan

NFS-03-6 Neuroinflammation and neurodegeneration**Hitoshi Okazawa**

Department of Neuropathology, Tokyo Medical and Dental University, Japan

Tauopathies: Pathomechanism and management strategies

Chairs : Yoshio Tsuboi

Department of Neurology Fukuoka University, Japan

Takayoshi Shimohata

Department of Neurology, Gifu University Graduate School of Medicine,
Japan

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NFS-04-1 Classification of tauopathies based on tau filament structure

Airi Tarutani

University Medical Center Goettingen, Institute of Neuropathology, Germany / Tokyo

Metropolitan Institute of Medical Science, Department of Brain and Neurosciences, Japan

**NFS-04-2 Do tau pathology and TDP-43 pathology have mechanistic links?:
a review of human neuropathology**

Yuichi Riku

Inst. for Med. Sci. Aging, Aichi Med. Univ., Japan / Dept. Neurology, Nagoya Univ., Japan

**NFS-04-3 Actin-binding protein filamin-A as a driver for tau aggregation in
progressive supranuclear palsy**

Koyo Tsujikawa

Department of Neurology, Nagoya University Graduate School of Medicine, Japan / Institute for
Advanced Research, Nagoya University, Japan**NFS-04-4 Treatment strategies targeting tau in progressive supranuclear palsy**

Ikuko Aiba

Department of Neurology, National Hospital Organization Higashinagoya National Hospital, Japan