

Dementia (Biomarker)

Chair : Haruo Hanyu

Department of Geriatric Medicine, Tokyo Medical University

O-01-1

Association between cognitive function and cerebrospinal fluid orexin
A levels in Alzheimer disease

Yuta Inagawa

Department of Geriatric Medicine, Tokyo Medical University

- O-01-2** Effect of cognitive reserve on interaction between CSF biomarker and cognitive function
Akira Kuzuya
Department of Neurology, Kyoto University Graduate School of Medicine
- O-01-3** Relationship between adiponectine and AD pathophysiology
Noriyuki Kimura
Department of Neurology, Oita University, Faculty of Medicine
- O-01-4** New serum Biomaker for diagnosing Alzheimer's disease using new NMR techniques
Mineo Yamazaki
Dept. of Neurology, Nippon Medical School Chiba Hokusyo Hospital / Dept. of Neurology, Nippon Medical School
- O-01-5** In vivo depiction of alpha-7 nicotinic receptors in the Meynert nucleus in aging vs. dementia
Yasuomi Ouchi
Dept of Biofunctional Imaging, Hamamatsu University School of Medicine
- O-01-6** Cerebrospinal fluid analysis of Alzheimer's clinical syndrome
Kensaku Kasuga
Department of Molecular Genetics, Brain Research Institute, Niigata University

O-02 Oral Session 02**Jp**

May 22 (Wed) 15:35 ~ 17:05 Room 5 (Osaka International Convention Center 10F Conference Room 1005-1007)

Neuroimmunology (Various neuroimmunological diseases)Chair : Makoto Yoneda
Fukui Prefectural University

- O-02-1** Clinical features of autoimmune autonomic ganglionopathy in Japan
Akihiro Mukaino
Department of Molecular Neurology and Therapeutics Kumamoto University Hospital
- O-02-2** A new murine model to understand pathologic mechanisms of autoimmune autonomic ganglionopathy
Makoto Yamakawa
Department of Neurology, Graduate School of Medical Sciences, Kumamoto University
- O-02-3** Autoimmune GFAP astrocytopathy is meningoencephalomyelitis with characteristic clinical features
Akio Kimura
Department of Neurology and Geriatrics, Gifu University Graduate School of Medicine
- O-02-4** Clinical features of anti glutamic acid decarboxylase (GAD) antibody in encephalitis/encephalopathy
Kohei Muto
Kurashiki Central Hospital

O-02-5 Study on pathology and epidemiology related to neurological symptoms after HPV vaccination
Hitoshi Arata
 Department of Neurology and Geriatrics, Kagoshima University Graduate School of Medical and Dental Sciences

O-02-6 Clinical characteristics of 9 ADEM patients in our hospital
Reina Kawamura
 Tokai University Hachoji Hospital neurology

O-03 Oral Session 03

Jp

May 22 (Wed) 15:35 ~ 17:05 Room 6 (Osaka International Convention Center 10F Conference Room 1009)

Parkinsonism and Related disorders (Deveice assisted therapy)

Chair : Yasuyuki Okuma
 Department of Neurology, Juntendo University Shizuoka Hospital

O-03-1 Examination of Levodopa Equivalent Daily Amplitude in the STN-DBS for the PD patient
Katsuya Abe
 Department of Neurology, Yokohama City University Medical Center

O-03-2 Analysis of PEG-J associated complications in 14 adult patients treated with LCIG treatment
Munehisa Shimamura
 Department of Neurology, Graduate School of Medicine, Osaka University / Department of Health Development and Medicine, Graduate School of Medicine, Osaka University

O-03-3 Plasma concentration of levodopa during LCIG therapy
Yuki Yamanishi
 Department of Neurology and Clinical Pharmacology Ehime University Graduate School of Medicine

O-03-4 Efficacy of levodopa-carbidopa intestinal gel for 19 patients with Parkinson's disease for 52 weeks
Hideki Shimura
 Juntendo University Urayasu Hospital

O-03-5 How to change the program for Parkinson disease patients with Subthalamic Deep Brain Stimulation
Rui Yamada
 Department of Neurology, Yokohama City University Medical Center

O-03-6 Reprogramming of bilateral GPi-DBS improves symptoms in patients with parkinson's disease
Masayoshi Yamamoto
 Department of Neurology, Kitano Hospital, The Tazuke Kofukai Medical Research Institute

Cerebrovascular disease (Clinical research 1)

Chair : Yasuyuki Iguchi

Department of Neurology, The Jikei University School of Medicine

- O-04-1 Subacute phase BP variability and a low ABI independently predict with 3-month outcome with AIS

Hiroyuki Naito

Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences

- O-04-2 Effect of combination of clopidogrel and proton pump inhibitors on outcome in acute ischemic stroke

Tomoaki Ikeda

Department of Neurology, Stroke Center, Saiseikai Kumamoto Hospital

- O-04-3 Outcomes of intravenous rt-PA therapy for penetrating artery infarction

Yuichi Masuda

Department of Neurology, Kyoto Medical Center

- O-04-4 Outcome of mild ischemic stroke patients with rt-PA treatment

Ryota Torii

Department of Neurology, Kasugai City Hospital / Stroke Center, Kasugai City Hospital

- O-04-5 Intracerebral hemorrhage with direct oral anticoagulant is not mild

Junichiro Takahashi

Department of Neurology, Jikei University School of Medicine

- O-04-6 The effect of Dabigatran on protease-activated receptor 1 in patients with Non-valvular AF

Kiyotaka Oi

Division of Neurology and Gerontology, Department of Internal Medicine, Iwate Medical University

Neuroimmunology (Basic research)

Chair : Takashi Yamamura

Department of Immunology, National Institute of Neuroscience

Commentator : Qiu Wei

The Third Affiliated Hospital of Sun Yat-Sen University, Guangzhou, Guangdong Province

- O-05-1 Gray but not white matter astroglia-specific connexin 43 ablation ameliorates neuroinflammation

Hayato Une

Department of Neurology, Neurological institute, Graduate School of Medical Sciences, Kyushu University, Japan / Department of Neurology, Iizuka Hospital, Japan

O-05-2 Disease-specific TCRs recognize CMV in Japanese MS with HLA-DRBI*04:05; a novel approach with GLIPH

Fumie Hayashi

Department of Neurology, Graduate School of Medical Sciences, Kyushu University, Japan

O-05-3 Gut microbiota dysbiosis leading to the development and progression of multiple sclerosis

Daiki Takewaki

Department of Immunology, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan / Multiple Sclerosis Center, National Center of Neurology and Psychiatry, Japan

O-05-4 Effect of immunogenetic background on JCV infection in Japanese patients with multiple sclerosis

Yuri Nakamura

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

O-05-5 T cell response to myelin oligodendrocyte glycoprotein (MOG) in patients with anti-MOG antibody

Hirohiko Ono

Department of Neurology, Tohoku University School of Medicine, Japan

O-05-6 A novel model of primary progressive multiple sclerosis by oligodendroglial mutant alpha-synuclein

Toru Saiga

Department of Neurology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Japan

O-06 Oral Session 06

En

May 22 (Wed) 15 : 35 ~ 17 : 05 Room 9 (Osaka International Convention Center 12F Conference Hall)

Parkinsonism and Related disorders (Basic research)

Chair : **Masahiro Nagai**

Clinical therapeutic trial center, Ehime university hospital

Commentator : **Seung-jae Lee**

Department of Biomedical Sciences, Seoul National University
College of Medicine

O-06-1 Development of FABP3 ligands inhibiting alpha-synuclein oligomerization in Parkinson's disease

Kohji Fukunaga

Dept Pharmacology, Tohoku University Grad Sch Pharm Sci, Japan

O-06-2 Parkin/PINK1 mouse modeling revealed no abnormal accumulation of mitochondria but increasing Ca²⁺

Tohru Kitada

Otawa-Kagaku

O-06-3 Parkin mutation analysis in our University and the phenotype of Parkin knockout mice

Shigeto Sato

Department of Neurology, Juntendo University School of Medicine, Japan

O-06-4 Mechanistic of Cadmium Induced Dopamine Dysfunction in pc12 Cells & in Rat Brain: Role of Quercetin

Richa Gupta

CSIR- indian institute of Toxicology Research, India

O-06-5 In advanced Parkinsonism, Lee Silverman Voice Treatment is effective for both swallowing and speech

Sonoko Nozaki

Department of Neurology, Kansai Rosai Hospital, Japan / Department of Rehabilitation, Kansai Rosai Hospital, Japan

O-06-6 Cognitive Behavior Therapy for Dystonia

Takashi Sakamoto

Department of Neurology, National Center Hospital, National Center of Neurology and Psychiatry, Japan

O-07 Oral Session 07

En

May 22 (Wed) 15:35 ~ 17:05 Room 10 (Osaka International Convention Center 12F Grande Toque)

Epilepsy1

Chair : Kiyohito Terada

NHO Shizuoka Institute of Epilepsy and Neurological Disorders

Commentator : Masao Nagayama

Department of Neurology, International University of Health and Welfare Graduate School of Medicine

O-07-1 Perampanel administration to the Q129 and Q113 DRPLA transgenic mice

Tomoko Toyota

Department of Neurology, University of Occupational and Environmental Health School of Medicine, Japan

O-07-2 Magnetic Resonance Imaging (MRI) findings in non-convulsive epileptic state (NCSE)

Oscar A. Martinez

Hospital Britanico de Buenos Aires, Argentina

O-07-3 Change in autonomic function by photic stimulation during conventional EEG recordings in epilepsy

Masako Kinoshita

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

O-07-4 Dreamy state, delusions, audio-visual hallucinations, and metamorphopsia in a case of epilepsy

Keiko Hatano

Department of Neurology, Japanese Red Cross Medical Center, Japan

O-07-5 Efficacy & Tolerability of Brivaracetam in the Treatment of Status Epilepticus: A Systematic Review

Kevin Michael C. Moalong

Department of Neurosciences, College of Medicine, Philippine General Hospital, University of the Philippines Manila, Philippines

O-07-6 Scalp-recorded direct current shifts precede rhythmic slow activities in status epilepticus

Hiroya Ohara

Department of Neurology, Minami Nara General Medical Center, Japan / Department of Neurology, Nara Medical University School of Medicine, Japan

O-08 Oral Session 08**En**

May 22 (Wed) 15:35 ~ 17:05 Room 11 (Osaka International Convention Center 12F Conference Room 1202)

Neuroscience1

Chair : Hitoshi Aizawa

Department of Neurology, Tokyo Medical University

Commentator : Thomas Klockgether

Department of Neurology, University of Bonn

O-08-1 Impairment of insulin signaling by Alzheimer's amyloid-beta protein and protection by apomorphine

Yasumasa Ohyagi

Department of Neurology and Geriatric Medicine, Ehime University, Japan

O-08-2 PLA2G6 regulates neuronal functions and a-synuclein stability through the membrane remodeling

Akio Mori

Department of Neurology, Juntendo University School of Medicine, Japan / Department of Neurology, Juntendo University Graduate School of Medicine, Japan

O-08-3 Elucidating axonal pathophysiology under fused in sarcoma (FUS)-mutant ALS motor neurons

Tetsuya Akiyama

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

O-08-4 The loss of Pgc in Drosophila causes locomotive defects with dopaminergic neuronal degeneration

Takashi Kasai

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

O-08-5 Blood-nerve barrier disruption induced by immunoglobulin G from Guillain-Barré syndrome patients

Fumitaka Shimizu

Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

- O-08-6** The effect of NMO-IgG and anti-IL-6 receptor monoclonal antibody (SA237) for the Blood-Brain Barrier
Yukio Takeshita
 Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine, Japan

O-09 Oral Session 09

Jp

May 22 (Wed) 15:35 ~ 17:05 Room 12 (Osaka International Convention Center 11F Conference Room 1101-1102)

Clinical trial and Regenerative medicine1

Chair : Takanori Yokota
 Tokyo Medical and Dental University

- O-09-1** Long-term efficacy and safety of eculizumab in Japanese patients with myasthenia gravis

Hiroyuki Murai
 Department of Neurology, International University of Health and Welfare

- O-09-2** Placebo-controlled study of safinamide for Parkinson disease with wearing off

Nobutaka Hattori
 Department of Neurology, Juntendo University School of Medicine

- O-09-3** Association between MRI and clinical features in transient global amnesia: A multicenter study

Kyoko Higashida
 Department of Neurology, Osaka University Graduate School of Medicine

- O-09-4** Progression status of Japan Early-stage Trial of high dose methylcobalamin for ALS (JETALS)

Ryosuke Oki
 Department of Clinical Neuroscience, Institute of Health Biosciences, University of Tokushima Graduate School, Tokushima, Japan.

- O-09-5** Stroke Recurrence and Timing of Initiating DOAC after Acute Ischemic Stroke with Atrial Fibrillation

Eiichi Nomura
 Department of Neurology, Hiroshima City Hiroshima Citizens Hospital / Department of Neurology, Brain Attack Center Ota Memorial Hospital

- O-09-6** Natalizumab every 6 weeks dosing: efficacy and safety in 104 Japanese multiple sclerosis patients

Kyoko Saida
 Kansai Multiple Sclerosis Center / Irino Clinic / Kyoto Hakuikai Hospital

Clinical Neurophysiology1

Chair : Masao Matsushashi

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

Commentator : Satoshi Kaneko

Kansai Medical University

O-10-1 Human motor control network as revealed by CCEP connectivity analysis of the negative motor area

Masaya Togo

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

O-10-2 Changes of striatal serotonergic transmission in a rat model of levodopa-induced dyskinesia

Rie Tohge

Department of Neurology, Kansai medical university, Japan

O-10-3 Cluster analysis can help classify the ictal direct current (DC) shifts into 2 types

Shunsuke Kajikawa

Department of Neurology, Kyoto University graduate school, Japan

O-10-4 AVXS-101 Gene-Replacement Therapy in Presymptomatic Spinal Muscular Atrophy (SMA) : Study Update

Bryan E. McGill

AveXis Inc., USA

O-10-5 Effect of expanded repeats and aging on disease progress in benign adult familial myoclonus epilepsy

Shuichiro Neshige

Department of Neurology, Kyoto University Graduate School of Medicine, Japan / Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan

O-10-6 AVXS-101 Gene Replacement for Spinal Muscular Atrophy Type 1 (SMA1) : Pivotal Study (STRIVE) Update

Douglas M. Sproule

AveXis, Inc., USA

Immune-mediated neuropathy

Chair : Takashi Kanda

Department of Neurology and Clinical Neuroscience, Yamaguchi University
Graduate School of Medicine**O-11-1 The present status and issues of maintenance treatment of CIDP**

Takamichi Kanbayashi

Department of Neurology, Teikyo University School of Medicine

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- O-11-2** Nationwide epidemiologic survey of Crow-Fukase syndrome in Japan
Tomoki Suichi
Department of Neurology, Graduate School of Medicine, Chiba University
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- O-11-3** Clinical features of Bickerstaff brainstem encephalitis with anti-GQ1b related antibodies
Keisuke Yoshikawa
Department of Neurology, Kindai University Faculty of Medicine
-
- O-11-4** Antecedent infections in Fisher syndrome:
Determinant of clinical features and pathogenesis
Michiaki Koga
Department of Neurology and Clinical Neuroscience, Yamaguchi University Graduate School of Medicine
-
- O-11-5** Pathogenesis of CIDP model mice
Masahiro Iijima
Department of Advanced Medicine, Nagoya University Hospital / Department of Neurology,
Nagoya University Graduate School of Medicine
-
- O-11-6** Clinical Features of CIDP with Higher Efficacy to IVIG
Yuki Fukami
Department of Neurology, Nagoya University Graduate School of Medicine