

Gene & Cell Therapy for Neurological Diseases

Chairs : Shin-ichi Muramatsu

Division of Neurology, Jichi Medical University, Japan

Hitoshi Okazawa

Medical Research Institute, Tokyo Medical and Dental University, Japan

OC-05-1 miRNA-mediated therapeutic approaches for neurodegenerative diseases

Yu Miyazaki

Department of RNA Biology and Neuroscience, Graduate School of Medicine, Osaka University, Japan

OC-05-2 AAV mediated gene therapy targeting brain cholesterol for Huntington disease

Nathalie Cartier

INSERM UMR1169 Université Paris Saclay, France

OC-05-3 in vivo Gene Therapy for GM2 Gangliosidosis

Kohji Itoh

Department of Medicinal Biotechnology, Graduate School of Biomedical Sciences, Tokushima University, Japan / TR-SPRINT, AMED, Japan

OC-05-4 Stem cell-based therapy for Parkinson's disease

Jun Takahashi

Center for iPS Cell Research and Application, Japan

Translational research for intractable neuroimmunological diseases: models toward drug discovery

Chairs : Jun-ichi Kira

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

Takashi Kanda

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

OC-06-1 Research on drug discovery for progressive form of multiple sclerosis through a novel animal model

Shinji Oki

Department of Immunology, National Institute of Neuroscience, NCNP

OC-06-2 A novel model for secondary progressive multiple sclerosis and drug development targeting glia

Jun-ichi Kira

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

OC-06-3 CIDP: The innovative drug development using animal models

Masahiro Iijima

Department of Neurology, Nagoya University Graduate School of Medicine

OC-06-4 Successful treatment of hypertrophic pachymeningitis by transforming growth factor-beta blockade

Katsuhisa Masaki

Department of Neurology, Kyushu University

OC-06-5 Novel therapeutic strategy for intractable neurological disorders, using BBB and BNB in vitro model

Takashi Kanda

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

Co-hosted by: The Japanese Society for Neuroimmunology

HT-07 Hot Topics 07**En****Prion-like phenomenon: From myth to reality**

Chairs : Koji Yamanaka

Research Institute of Environmental Medicine, Nagoya University, Japan

Yohei Iguchi

Department of Neurology, Nagoya University, Japan

HT-07-1 Does Parkinson disease start in the gut?

Per Borghammer

Dep. of Nuclear Medicine & PET Centre, Aarhus University Hospital, Denmark

HT-07-2 Focality, stochasticity and neuro-anatomic propagation in ALS neurodegeneration

John Ravits

Department of Neurosciences, University of California, San Diego, USA

HT-07-3 Endosomal pathway: a molecular basis for prion-like phenomenon in synucleinopathy

Takafumi Hasegawa

Division of Neurology, Department of Neuroscience & Sensory Organs, Tohoku University Graduate School of Medicine, Japan

HT-07-4 Exosome pathway: a key for clearance of pathological TDP-43

Yohei Iguchi

Department of Neurology, Nagoya University, Japan

HT-08 Hot Topics 08

Proposed symposium **Jp**

May 26 (Sat) 15:00 ~ 17:00

Room1 (Sapporo Geibunkan [Nitori Culture Hall] 1F)

Dysautonomia in Parkinson's disease

Chairs : **Hisayoshi Oka**

Department of Neurology, The Jikei University School of Medicine, Daisan Hospital

Hirohisa Watanabe

Nagoya University, Brain and Mind Research Center / Department of Neurology, Nagoya University

HT-08-1 Cardiovascular dysautonomia in Parkinson's disease

Tadashi Umehara

Department of Neurology, The Jikei University School of Medicine, Daisan Hospital

HT-08-2 pathological feature and clinical problem in Parkinson's disease due to gastrointestinal dysfunction

Masaaki Hirayama

Department of Pathophysiological Laboratory Sciences, Nagoya University Graduate School of Medicine

HT-08-3 Bladder dysfunction

Ryuji Sakakibara

Neurology, Internal Medicine, Sakura Medical Center, Toho University

HT-08-4 Sudomotor dysfunction in Parkinson's disease

Masato Asahina

Neurology Clinic Tsudanuma

HT-08-5 Circadian rhythm in Parkinson's disease

Renpei Sengoku

Department of Neurology and BBAR, Tokyo Metropolitan Geriatric Hospital and Institute of Gerontology

How to use the Clinical Guideline for SCD & MSA.

Chairs : Hidehiro Mizusawa

National Center of Neurology and Psychiatry

Hidenao Sasaki

Department of Neurology, Faculty of Medicine and Graduate School of
Medicine, Hokkaido University**G-02-1 Overview of the guideline, autosomal dominant spinocerebellar degeneration and hereditary spastic paraplegia**

Yuji Takahashi

National Center of Neurology and Psychiatry

G-02-2 Autosomal recessive and X-linked ataxia in Japan

Akio Yokoseki

Department of Inter-Organ communication research, Niigata University Graduate school of
Medical and Dental science**G-02-3 Sporadic spinocerebellar degeneration in Japan**

Satoshi Kuwabara

Department of Neurology, Chiba University

G-02-4 Pharmacological treatment for cerebellar ataxia

Ritsuko Hanajima

Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori
University**G-02-5 Rehabilitation for spino-cerebellar degeneration**

Kyoichi Miura

Social medical corporation Omichikai Morinomiya hospital

Co-hosted by: Japanese Society of Neurological Therapeutics ·

The Research Group on Medical Bases of Ataxias, MHWL

Deciphering the enigma of migraine

Chairs : Hisanori Kowa

National Hospital Organization Matsue Medical Center

Toshihiko Shimizu

Department of Neurology, Keio University School of Medicine

S-30-1 Advances in the pathophysiology of migraine

Eiichiro Nagata

Department of Neurology, Tokai University School of Medicine

S-30-2 Novel migraine therapeutic strategies based on the understanding of CGRP biology

Mamoru Shibata

Department of Neurology, Keio University School of Medicine

S-30-3 Therapeutic effect by approach to cardiac disorders: An overview

Takao Takeshima

Department of Neurology, Headache Center, Tominaga Hospital

S-30-4 Approach to migraine from the view point of Japanese herbal medicine

Takashi Mitsufuji

Department of Neurology, Saitama Medical University

S-30-5 Approaches from therapeutic effectiveness of non-invasive neuromodulation

Daisuke Danno

Hyogo College of Medicine, Department of Internal Medicine, Division of Neurology

Co-hosted by: The Japanese Headache Society

S-31 Symposium 31**Jp**

May 26 (Sat) 8 : 00 ~ 10 : 00

Room2 (Sapporo Geibunkan [Zuisetsu] 3F)

Clinical and pathological features in newly established neurological disorders

Chairs : Koichi Wakabayashi

Department of Neuropathology, Hirosaki University School of Medicine

Mari Yoshida

Institute of Medical Science of Aging, Aichi Medical University

S-31-1 Neuronal Intranuclear Inclusion Disease : NIID

Jun Sone

Department of Neurology, Nagoya University Graduate School of Medicine

S-31-2 Clinicopathologic features of hereditary diffuse leukoencephalopathy with spheroids (HDLS)

Mari Tada

Department of Pathology, Brain Research Institute, Niigata University

S-31-3 Clinicopathological characteristics in globular glial tauopathy

Yasuko Toyoshima

Department of Pathology, Brain Research Institute, Niigata University

S-31-4 Idiopathic basal ganglia calcification (IBGC)

Isao Hozumi

Medical Therapeutics and Molecular Therapeutics, Gifu Pharmaceutical University

Now of the things which we can or should see through Neuroimaging

Chairs : Wataru Sako

Department of Clinical Neuroscience, Institute of Biomedical Sciences,
Tokushima University Graduate School

Aya M. Tokumaru

Department of Diagnostic Radiology, Tokyo Metropolitan Medical Center of
Gerontology**S-32-1** In vivo visualization of abnormal deposits in neurodegenerative disorder by PET

Akio Kikuchi

Department of Neurology, Tohoku University Graduate School of Medicine

S-32-2 Neuroinflammation and receptor availability that can be and should be depicted by PET

Yasuomi Ouchi

Hamamatsu University School of Medicine, Department of Biofunctional Imaging

S-32-3 Visualization of the brain using functional MRI: current perspective and future directions

Hirohisa Watanabe

Nagoya University, Brain and Mind Research Center / Department of Neurology, Nagoya
University**S-32-4** Development and Usefulness of New MR Technology for the Observation of Minor Metabolites

Masafumi Harada

Department of Radiology, Tokushima University

Unmet Needs for Parkinson's Disease Therapeutics

Chairs : Yoshio Tsuboi

Department of Neurology, Fukuoka University

Kenichi Kashihara

Okayama Kyokuto Hospital

S-33-1 Repetitive transcranial magnetic stimulation for Parkinson's Disease

Masashi Hamada

Department of Neurology, the University of Tokyo

S-33-2 Effects of DBS and L-dopa on saccade performance in Parkinson's disease

Yasuo Terao

Department of Cell Physiology, Kyorin University

S-33-3 The effects of inpatient rehabilitation for patients with Parkinson's disease

Yumiko Kaseda

Department of Neurology, Hiroshima City Rehabilitation Hospital

S-33-4 The effect of the prognosis due to rehabilitation at home

Takayo Chuma

Department of Rehabilitation Medicine, Shiga General Hospital

S-34 Symposium 34

Jp

May 26 (Sat) 8 : 00 ~ 9 : 30

Room5 (Sapporo Geibunkan [Seiryu] 3F)

Multidisciplinary care for neurological intractable diseases ~Towards a useful care right away~

Chairs : Mieko Ogino

International University of Health and Welfare, School of Medicine, Office of Medical Education

Kiyonobu Komai

Department of Neurology, National Hospital Organization Iou Hospital

S-34-1 The establishment of ALS multidisciplinary clinic

Osamu Kano

Department of Neurology, Toho University Faculty of Medicine

S-34-2 Experience in respiratory support team

Yuka Ishikawa

Department of Pediatric Neurology, National Organization Yakumo Hospital

S-34-3 Palliative care team in the ward for patients with intractable neurological diseases

Yutaka Ogino

National Hospital Organization Hakone Hospital

S-34-4 Nutrition support team in clinical neurology:
current realities and future challenges

Kota Bokuda

Department of Neurology, Tokyo Metropolitan Neurological Hospital

S-35 Symposium 35

Jp

May 26 (Sat) 8 : 00 ~ 10 : 00

Room6 (Sapporo Geibunkan [Gyokuyou] 3F)

To promote the activity of women doctors in the 21st century

Chairs : Noriko Nishikawa

Department of Neurology, National Center of Neurology and Psychiatry

Mutsumi Iijima

Department of Neurology, Tokyo Women's Medical University

S-35-1 Academic post

Ritsuko Hanajiima

Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University

S-35-2 Career development for women medical doctors in Tokyo Women's Medical University

Naomi Hizuka

TWMU Career Development Center for Medical Professionals

S-35-3 Supporting Positive Activities for Female Researchers

Yasuko Yamamura

Dept. Science and Technology Program Promotion, Japan Science and Technology Agency

S-35-4 Strategies for Women to Become Directors of Academic Societies

Atsuko Murashima

National Center for Child Health and Development

S-35-5 Consciousness reform of the leader for female doctors to be active

Tatsushi Toda

Department of Neurology, Graduate School of Medicine, The University of Tokyo

LB Late Breaking Symposium

Jp

May 26 (Sat) 15:00 ~ 17:00

Room5 (Sapporo Geibunkan [Seiryu] 3F)

Chair : Ichiro Yabe

Department of Neurology, Faculty of Medicine and Graduate School of
Medicine, Hokkaido University

*See the web site for the further information.

MTE Meet the Expert

Students and Junior Residents Only

Jp

May 26 (Sat) 9:00 ~ 10:00

Room11 (Royton Sapporo [Crystal Room A] 2F)

Chair : Yoshiyuki Kuroiwa

Stroke Center, Teikyo University Hospital, Mizonokuchi

MTE

Differential Diagnosis of Facial Palsy:
Clinical and Electrophysiological Assessments

Jun Kimura

Department of Neurology, University of Iowa Health Care, USA