

New development in research for risk factors of Alzheimer's disease

Chairs : Makoto Michikawa

Nagoya City University Graduate School of Medical Sciences

Soichiro Shimizu

Department of Geriatric Medicine, Tokyo Medical University

HT-01-1 ApoE and TREM2: Zooming in on converging microglial responses in Alzheimer's disease

Guojun Bu

Department of Neuroscience, Mayo Clinic, USA

HT-01-2 Emerging genetic factors for Alzheimer's disease beyond APOE

Takeshi Ikeuchi

Brain Research Institute, Niigata University, Japan

HT-01-3 Association between modifiable lifestyle factors and PET imaging in mild cognitive impairment

Noriyuki Kimura

Department of Neurology, Oita University, Faculty of Medicine, Japan

HT-01-4 Presenilin is essential for ApoE secretion

Makoto Michikawa

Department of Biochemistry, Nagoya City University Graduate School of Medical Sciences, Japan

Stroke Oncology~old but new emerging clinical problem~

Chairs : Takao Urabe

Department of Neurology, Juntendo University Urayasu Hospital

Ryota Tanaka

Stroke Center and Division of Neurology, Department of Medicine, Jichi Medical University

HT-02-1 The future of Stroke Oncology, from the viewpoint of medical oncologists

Toshimi Takano

Breast Medical Oncology Department, The Cancer Institute Hospital of JFCR, Japan

HT-02-2 Stroke Oncology

Hiroyuki Kawano

Department of Stroke and Cerebrovascular Medicine, Kyorin University, Japan

HT-02-3 Cardio-Oncology: An Interdisciplinary Research Opportunity to Link Cardiology, Oncology, and Aging

Kazuhiro Sase

Clinical Pharmacology and Regulatory Science, Juntendo University, Japan / Institute for Medical Regulatory Science, Waseda University, Japan

HT-02-4 Therapy of cancer-associated stroke

Tsutomu Sasaki

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

HT-02-5 Benign gynecological tumors: a potential new risk factor for ischemic stroke

Kazuo Yamashiro

Department of Neurology, Juntendo University Urayasu Hospital, Japan / Department of Neurology, Juntendo University School of Medicine, Japan

HT-03 Hot Topics 03**Web En**

May 19 (Thu) 8:00 ~ 9:30

Room 10 (Glass Building 4F G409)

Paradigm shift of migraine management

Chairs : Koichi Hirata

Dokkyo Medical University

Takao Takeshima

Tominaga Hospital

HT-03-1 Galcanezumab: Evidence in Japan

Mamoru Shibata

Department of Neurology, Tokyo Dental College Ichikawa General Hospital, Japan

HT-03-2 Fremanezumab : Evidence in Japan

Daisuke Danno

Tominaga Hospital Headache Center, Japan

HT-03-3 Erenumab: Evidence in Japan

Muneto Tatsumoto

Headache Center, Dokkyo Medical University Hospital, Japan / Medical Safety Management Center, Dokkyo Medical University Hospital, Japan

HT-03-4 Paradigm Shift of Migraine Management

Stewart J. Tepper

Geisel School of Medicine at Dartmouth Hanover, New Hampshire, USA / Neurology Department, Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire, USA

Nominal supported by: The Japanese Headache Society

Etiological basis of Alzheimer's disease and its implication in disease-modifying therapies

Chairs : Makoto Higuchi

National Institutes for Quantum Science and Technology

Kenjiro Ono

Department of Neurology and Neurobiology of Aging, Kanazawa University

Graduate School of Medical Science

HT-04-1 Pathogenesis and approach to disease modification of amyloid β

Kenjiro Ono

Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences, Japan

HT-04-2 A Translational Imaging Approach to Tau Pathogenesis and Disease Modification Therapy

Takado Yuhei

Department of Functional Brain Imaging, Brain Disorder Translational Research Group, National Institutes for Quantum Science and Technology, Japan

HT-04-3 Disease modifying therapies and cerebral amyloid angiopathy in Alzheimer's disease

Kenji Sakai

Department of Neurology and Neurobiology of Aging, Kanazawa University Graduate School of Medical Sciences, Japan

HT-04-4 Neuroinflammation in Alzheimer's disease: molecular pathology and therapeutic strategies

Akira Sobue

Department of Neuroscience and Pathobiology, Research Institute of Environmental Medicine, Nagoya University, Japan / Medical Interactive Research and Academia Industry Collaboration Center, Research Institute of Environmental Medicine, Nagoya University, Japan

Cutting edge of stroke genetics: what to know & what to do

Chairs : Tetsuro Ago

Department of Medicine and Clinical Science, Graduate School of Medical Sciences, Kyushu University

Masafumi Ihara

National Cerebral and Cardiovascular Center

HT-05-1 Genome-wide association study in stroke

Yoichiro Kamatani

Graduate School of Frontier Sciences, the University of Tokyo, Japan

HT-05-2 Genetics of cerebral small vessel disease

Toshiki Mizuno

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

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HT-05-3 Genetics of intracranial large artery disease
Masafumi Ihara
Department of Neurology, National Cerebral and Cardiovascular Center, Japan

HT-05-4 Molecular pathology and genetics of cerebrovascular diseases
Raj N. Kalaria
Newcastle University, UK

HT-06 Hot Topics 06

Web Jp

May 20 (Fri) 13:45 ~ 15:45

Room 03 (B Block 7F Hall B7 (1))

The frontiers of molecular researches in pediatric neurology bridging to adulthood

Chairs : Satoko Kumada
Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital
Hitoshi Osaka
Jichi Medical University, Department of Pediatrics

HT-06-1 Hereditary chorea caused by abnormal dopamine signal transduction in the striatal neurons
Satoko Kumada
Department of Neuropediatrics, Tokyo Metropolitan Neurological Hospital, Japan

HT-06-2 Various clinical features of mTOR activation and molecularly targeted therapy for epileptic seizures
Mitsuhiro Kato
Department of Pediatrics, Showa University School of Medicine, Japan / Epilepsy Medical Center, Showa University Hospital, Japan

HT-06-3 ATP1A3-related disorders with expanding clinical phenotypes
Satoko Miyatake
Clinical Genetics Department, Yokohama City University Hospital, Japan

HT-06-4 GPI deficiencies: Inherited GPI Deficiency and Paroxysmal Nocturnal Hemoglobinuria
Yoshiko Murakami
Research Institute for Microbial Diseases, Japan

Pathophysiology in immune-mediated neuropathy: Crosstalk between humoral and cell-mediated immunity

Chairs : Kenichi Kaida

Saitama Medical Center, Saitama Medical University

Yukio Takeshita

BBB research center Yamaguchi University Graduate School of Medicine

HT-07-1 Humoral and cell-mediated immunity in GBS: finding missing links between infections and antibodies

Ruth Huizinga

Erasmus MC, University Medical Center, the Netherlands

HT-07-2 Autoantibodies in GBS: glycolipids or paranodal proteins as antigens

Motoi Kuwahara

Department of Neurology, Kindai University Faculty of Medicine, Japan

HT-07-3 Cutting edge of auto-immunity to nodal components in CIDP / autoimmune nodopathy

Hidenori Ogata

Department of Neurology, Kyushu University Hospital, Japan

HT-07-4 Eosinophil cell death induces tissue damage in EGPA

Shigeharu Ueki

Department of General Internal Medicine and Clinical Laboratory Medicine, Akita University Graduate School of Medicine, Japan

We can help you beat the illness: the frontier of developing treatments for neurological disorders

Chairs : Takahiko Tokuda

National Institutes for Quantum Science and Technology

Shinji Saiki

Department of Neurology, Juntendo University

HT-08-1 Introduction: neurological disease is a treasury of targets for the development of a novel medicine

Takahiko Tokuda

Institute for Quantum Medical Science, National Institutes for Quantum Science and Technology (QST), Japan

HT-08-2 Drug development based on metabolomics data of Parkinson's disease

Shinji Saiki

Department of Neurology, Juntendo University, Japan

HT-08-3 Antibody drugs for dementia - Efficacy and safety data from the clinical development of aducanumab

Yasuo Toda

Japan Clinical Development & Pharmacology, Biogen Japan Ltd., Japan

HT-08-4 Update of oligonucleotide drugs for neurological diseases

Takanori Yokota

Dept.of Neurology and Neurological Science, Tokyo Medical and Dental Univ., Japan

HT-08-5 Development and clinical application of oligonucleotide therapeutics for Duchenne Muscular Dystrophy

Shin'ichi Takeda

National Center of Neurology and Psychiatry, National Institute of Neuroscience, Japan

HT-09 Hot Topics 09

Jp

May 20 (Fri) 13:45 ~ 15:45

Room 11 (Glass Building 7F G701)

Expanding disease concepts in tauopathies today

Chairs : Ikuko Aiba

Department of Neurology, National Hospital Organization Higashinagoya National Hospital

Takayoshi Shimohata

Department of Neurology, Gifu University Graduate School of Medicine

HT-09-1 Amyotrophic lateral sclerosis/Parkinsonim-dementia complex in the Kii peninsula, Japan

Yasumasa Kokubo

Mie University Graduate School of Regional Innovation Studies, Japan

HT-09-2 Globular glial tauopathy

Mari Yoshida

Institute for Medical Science of Aging, Aichi Medical University, Japan

HT-09-3 Genetics of PSP and PSP-like disorders

Ichiro Yabe

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

HT-09-4 Anti-IgLON5 disease

Yoya Ono

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

HT-09-5 Chronic traumatic encephalopathy (CTE) and other tauopathies caused by traumatic brain injuries

Keisuke Takahata

Department of Functional Brain Imaging, Institute for Quantum Medical Science Quantum Life and Medical Science Directorate National Institutes for Quantum Science and Technology (QST), Japan

Treatable cerebellar ataxia ~ recent advance in immune-mediated cerebellar ataxia

Chairs : Yoshitaka Nagai

Department of Neurology, Kindai University Faculty of Medicine

Ichiro Yabe

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

HT-10-1 Diagnostic criteria for idiopathic cerebellar ataxia and immune-mediated cerebellar ataxia

Kunihiro Yoshida

Department of Neurology, JA Nagano Koseiren Kakeyu-Misayama Rehabilitation Center Kakeyu Hospital, Japan

HT-10-2 Cerebellar ataxia associated with anti-mGluR1 antibodies

Nobuaki Yoshikura

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

HT-10-3 Hashimoto encephalopathy and Cerebellar ataxia

Makoto Yoneda

Fukui Prefectural University, Faculty of Nursing & Social Welfare Sciences, Japan

HT-10-4 Sez6l2 autoimmunity and cerebellar ataxia

Hiroaki Yaguchi

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

HT-10-5 Blood-brain barrier and autoimmune cerebellar ataxia

Fumitaka Shimizu

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

Prospects for ALS treatment

Chairs : Naoki Atsuta

Department of Neurology, Aichi Medical University School of Medicine

Kazuaki Kanai

Fukushima Medical University

HT-11-1 Guideline for ALS

Masashi Aoki

Department of Neurology Tohoku University School of Medicine, Japan

HT-11-2 Toward precision medicine for ALS

Naoki Atsuta

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

HT-11-3 Trends in ALS clinical trials
Yuishin Izumi
Department of Neurology, Tokushima University Graduate School of Biomedical Sciences, Japan

HT-11-4 iPSC-based drug discovery and innovation for amyotrophic lateral sclerosis
Haruhisa Inoue
Center for iPSC Cell Research and Application, Kyoto University, Japan / RIKEN, Japan

HT-11-5 Oligonucleotide therapy for ALS/MND: Progress and prospects
Tetsuya Nagata
Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan