

α -Synuclein and beyond: Find out the true culprit causing neurodegeneration in Parkinson's disease!

Chairs : Takahiko Tokuda

Department of Molecular Pathobiology of Brain Diseases, Kyoto Prefectural University of Medicine, Japan

Kazushi Takahashi

Department of Neurology, Saitama Medical University, Japan

HT-01-1 Introduction: what is the true culprit of neurodegeneration in PD; alpha-synuclein and beyond?

Takahiko Tokuda

Department of Molecular Pathobiology of Brain Diseases, Kyoto Prefectural University of Medicine, Japan

HT-01-2 Molecular and cellular basis of neurotoxicity caused by alpha-synuclein

Naoto Sugeno

Department of Neurology, Tohoku University, Japan

HT-01-3 Hyperbranching axon as a structural template to explain focal and multifocal Lewy body disorders

Toshiki Uchihara

Neurology with Neuromorphomics Laboratory, Nitobe Memorial Nakano General Hospital, Japan
/ Department of Neurology and Neurological Science, Tokyo Medical and Dental University, Japan

HT-01-4 Molecular mechanisms of selective neuronal vulnerability in PD and α -synuclein

James D. Surmeier

Feinberg School of Medicine Northwestern University, USA

HT-01-5 Distinct aggregation patterns of alpha-synuclein in PD and MSA: Is it all about strains?

Wassilios Meissner

Université de Bordeaux, Institut des Maladies Neurodégénératives, France / Service de Neurologie, CHU Bordeaux, France / Dept. Medicine, University of Otago, and New Zealand Brain Research Institute, New Zealand

Stroke and Microbiota

Chairs : Toshiki Mizuno

Department of Neurology, Kyoto Prefectural University of Medicine, Japan

Toru Yamashita

Department of Neurology, Graduate School of Medicine, Dentistry and
Pharmaceutical Sciences, Okayama University, Japan**HT-02-1 Intestinal immune cells in stroke immunity**

Josef Anrather

Weill Cornell Medicine, USA

HT-02-2 Gut microbiome and atherosclerosis

Tomoya Yamashita

Kobe University Graduate School of Medicine, Division of Cardiovascular Medicine, Japan

HT-02-3 Gut microbiota and stroke

Kazuo Yamashiro

Department of Neurology, Juntendo University School of Medicine, Japan

HT-02-4 Intestinal microbiota in CADASIL patient

Toshiki Mizuno

Dept. of Neurology, Kyoto Prefectural Univ. of Medicine, Japan

HT-02-5 Collagen-binding Streptococcus mutans tied to intracerebral hemorrhage

Masafumi Ihara

Department of Neurology, National Cerebral and Cardiovascular Center, Japan

HT-02-6 Associations between serum titer to periodontal pathogens and cerebral small vessel diseases

一般演題から採用

Yuji Shiga

Department of clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of
Biomedical and Health Sciences, Japan**HT-02-7 Influence of periodontitis on stroke**

Naohisa Hosomi

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

Newly Emerging Concepts on PSP and CBD

Chairs : Hidefumi Ito

Department of Neurology, Wakayama Medical University, Japan

Takeshi Ikeuchi

Niigata University, Brain Research Institute, Japan

HT-03-1 Overview of clinical aspects of tauopathies including PSP and CBD

Zbigniew Wszolek

Mayo Clinic Florida, USA

HT-03-2 Early pathological changes of CBD

Helen Ling

Queen Square Brain Bank, Institute of Neurology, University College London, UK

HT-03-3 Identification of a gene associated with PSP

Ichiro Yabe

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

HT-03-4 JALPAC: Longitudinal cohort study for PSP and CBD in Japan

Takeshi Ikeuchi

Brain Research Institute, Niigata University, Japan

HT-03-5 Molecular imaging for PSP and CBD

Kazunari Ishii

Kindai University Faculty of Medicine, Department of Radiology, Japan

Dual nature of REM sleep behavior disorder :
parasomnia vs harbinger of synucleinopathies

Chairs : Naoko Tachibana

Center for Sleep-related Disorders, Kansai Electric Power Hospital, Japan

Masayuki Miyamoto

Department of Neurology Dokkyo Medical University Hospital, Dokkyo Medical University School of Nursing, Japan

HT-04-1 Natural history of idiopathic REM behavior disorder:
parasomnia vs. harbinger of synucleinopathies

Carlos Schenck

Minnesota Regional Sleep Disorders Center, Departments of Psychiatry, Hennepin County Medical Center, and University of Minnesota Medical School, USA

HT-04-2 The relationship between REM sleep behavior disorder and
hallucinations in patients with DLB

Manabu Ikeda

Department of Psychiatry, Osaka University Graduate school of Medicine, Japan

HT-04-3 REM sleep behavior disorder in patients with Parkinson's disease**Takashi Nomura**

Nomura Neuro Sleep Clinic, Japan

HT-04-4 Aggressive behavior and dream contents in RBD: why and how?**Ki-Young Jung**

Seoul National University College of Medicine, Korea

HT-04-5 Preparation and future direction of clinical trials for idiopathic REM sleep behavior disorder**Masayuki Miyamoto**

Department of Clinical Medicine for Nursing, Dokkyo Medical University School of Nursing,

Japan / Department of Neurology, Dokkyo Medical University Hospital, Japan / Center of Sleep Medicine, Dokkyo Medical University Hospital, Japan

後援：日本臨床睡眠医学会

HT-05 ホットトピックス 05**En**

5月22日 (水) 13:20 ~ 15:20

第9会場 (大阪国際会議場12F 特別会議場)

More than just taking out the garbage: Expanding landscape of autophagy and lysosome function in neurological diseases

Chairs : Seiji Hitoshi

Department of Integrative Physiology, Japan

Takafumi Hasegawa

Division of Neurology, Department of Neuroscience & Sensory Organs,

Tohoku University Graduate School of Medicine, Japan

HT-05-1 Tunneling nanotubes allow the spreading of alpha-synuclein fibrils through lysosomal trafficking**Chiara Zurzolo**

Unité Trafic Membranaire et Pathogénèse, Institut Pasteur, France

HT-05-2 Lysosomal dysfunction in Parkinson's disease and what postmortem brains tell us**Glenda M. Halliday**

Brain and Mind Centre and Faculty of Medicine and Health Central Clinical School, University of Sydney, Australia

HT-05-3 Muscle diseases with autophagic abnormalities**Ichizo Nishino**

Department of Neuromuscular Research, National Institute of Neuroscience, National Center of Neurology and Psychiatry, Japan

HT-05-4 Endo-lysosomal trafficking defect as a unifying concept of neurodegenerative diseases**Takafumi Hasegawa**

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

S-01 シンポジウム 01**公募 Jp**

5月22日(水) 9:50 ~ 11:50

第4会場(大阪国際会議場10F 会議室1001-1002)

レジストリはいかにして神経疾患の創薬に貢献できるのか？

座長：永井 将弘 愛媛大学医学部附属病院臨床研究支援センター

鈴木 啓介 国立長寿医療研究センター 治験・臨床研究推進センター

S-01-1 クリニカルイノベーションネットワークと筋疾患レジストリにおける現状と課題

中村 治雅 国立精神・神経医療研究センタートランスレーショナルメディカルセンター

S-01-2 認知症レジストリにおける現状と課題

～オレンジレジストリの経験から見えてきたこと～

鈴木 啓介 国立長寿医療研究センター 治験・臨床研究推進センター

S-01-3 SBMAレジストリの現状と課題

橋詰 淳 名古屋大学大学院医学系研究科 神経内科学

S-01-4 疾患登録システム(患者レジストリ)の利用に対する取組み

西岡 絹恵 独立行政法人医薬品医療機器総合機構

S-01-5 製薬企業の立場からみたレジストリへの期待

松澤 寛 日本製薬工業協会 医薬品評価委員会 臨床評価部会

後援：日本臨床薬理学会

S-02 シンポジウム 02**公募 En**

5月22日(水) 9:50 ~ 11:50

第9会場(大阪国際会議場12F 特別会議場)

Genetic and neuropathological approach decipher the molecular mechanism of idiopathic central nervous system demyelinating diseases

Chairs : Noriko Isobe

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

Katsuhisa Masaki

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

S-02-1 Susceptibility to multiple sclerosis: from genetic risk to immune dysfunction in at-risk individuals

Philip L. De Jager

Center for Translational & Computational Neuroimmunology and Multiple Sclerosis Center, Department of Neurology, Columbia University Medical Center, USA

S-02-2 Genetic studies on Japanese multiple sclerosis and neuromyelitis optica spectrum disorders

Takuya Matsushita

Department of Neurology, Kyushu University Hospital, Japan

S-02-3 Genetic study on Chinese patients with demyelinating disorders

Qiu Wei

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

S-02-4 Disease-specific TCRs recognize CMV in Japanese MS with HLA-DRB1*04:05; a novel approach with GLIPH

一般演題から採用

Fumie Hayashi

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

S-02-5 Glial pathology of multiple sclerosis, neuromyelitis optica spectrum disorders, and Baló's disease

Katsuhisa Masaki

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

S-03 シンポジウム 03

公募 Jp

5月22日 (水) 9:50 ~ 11:50

第11会場 (大阪国際会議場12F 会議室1202)

神経疾患に対する非侵襲脳刺激療法の最先端

座長：長峯 隆 札幌医科大学医学部神経科学講座

寺尾 安生 杏林大学医学部 病態生理学教室

S-03-1 ニューロモデュレーション治療へのいざない
認知症に対する非侵襲脳刺激療法の挑戦

真野 智生 大阪大学大学院医学系研究科 脳神経機能再生学／大阪大学大学院医学系研究科 神経内科学／脳情報通信融合研究センター

S-03-2 パーキンソン病に対する非侵襲脳刺激法

濱田 雅 東京大学医学部附属病院 神経内科

S-03-3 非侵襲的脳刺激併用ハイブリッド・リハビリテーションによる課題特異的脳再構成

小金丸聡子 獨協医科大学医学部生理学（生体情報）講座

S-03-4 経頭蓋磁気刺激・経頭蓋直流電気刺激のリハビリテーション治療への応用

藤原 俊之 順天堂大学大学院医学研究科リハビリテーション医学

S-03-5 疼痛に対するニューロモデュレーション治療

齋藤 洋一 大阪大学 大学院医学系研究科脳神経機能再生学／大阪大学 大学院医学系研究科脳神経外科学

S-03-6 脊髄可塑性の誘導と臨床への応用

大木 紫 杏林大学医学部統合生理学教室

Update on Diagnostic Biomarkers for the early diagnosis of Alzheimer's Disease

Chairs : Takeshi Iwatsubo

Department of Neuropathology, School of Medicine, The University of Tokyo, Japan

Hisatomo Kowa

Kobe University Graduate School of Health Sciences, Japan

S-04-1 Updates on PET imaging of tau pathologies

Makoto Higuchi

National Institutes for Quantum and Radiological Science and Technology, Japan

S-04-2 Plasma Aβ as a biomarker for Alzheimer's disease

Koichi Tanaka

Koichi Tanaka Mass Spectrometry Research Laboratory Shimadzu Corporation, Japan

S-04-3 TRC-PAD: Accelerating Recruitment in AD Clinical Trials via Innovation in Information Technology

Gustavo A. Jimenez-Maggiora

Alzheimer's Therapeutics Research Institute, University of Southern California, USA

S-04-4 Japanese ADNI: from biomarkers to disease-modifying therapy

Takeshi Iwatsubo

Department of Neuropathology, Graduate School of Medicine, The University of Tokyo, Japan

すべてがわかる白質病変の画像と病理

座長: 村山 繁雄 神経内科・バイオリソースセンター・高齢者ブレインバンク(神経病理)

若林 孝一 弘前大学大学院医学研究科脳神経病理学講座

S-05-1 白質病変の画像診断 臨床・画像・病理連関の意義

徳丸 阿耶 東京都健康長寿医療センター 放射線診断科

S-05-2 脱髄性疾患の神経病理

鈴木 諭 九州大学大学院医学研究院 神経病理学分野

S-05-3 遺伝性白質脳症: 病理から見た病態形成

他田 真理 新潟大学脳研究所 病理学分野

S-05-4 中毒・代謝障害・脳炎の神経病理

豊島 靖子 新潟大学脳研究所 病理学分野

S-06 シンポジウム 06

Jp

5月22日(水) 13:20～15:20

第5会場(大阪国際会議場10F 会議室1005-1007)

神経免疫疾患の病態解明への多面的アプローチ

座長：米田 誠 福井県立大学看護福祉学部
山崎 亮 九州大学大学院医学研究院神経内科学

S-06-1 腸内環境と神経炎症

三宅 幸子 順天堂大学医学部附属順天堂医院 免疫学講座

S-06-2 血液脳関門・血液神経関門からのアプローチ

神田 隆 山口大学病院 脳神経内科

S-06-3 プロテオーム解析を用いた神経免疫疾患へのアプローチ

池川 雅哉 同志社大学生命医科学部

S-06-4 神経免疫疾患の病態生理-自己抗体からのアプローチ-

原 誠 日本大学医学部 内科学系 神経内科学分野

S-06-5 グリア細胞からのアプローチ

竹内 英之 横浜市立大学病院 神経内科・脳卒中医学

S-07 シンポジウム 07

公募 En

5月22日(水) 13:20～14:50

第10会場(大阪国際会議場12F グラントック)

Extending the clinical spectrum of cerebral amyloid angiopathy (CAA)

Chairs : Steven M. Greenberg

Massachusetts General Hospital, USA / Harvard Medical School, USA

Masahito Yamada

Department of Neurology and Neurobiology of Aging, Kanazawa University

Graduate School of Medical Sciences, Japan

S-07-1 Clinical spectrum of CAA-related cerebrovascular disorders

Yusuke Yakushiji

Division of Neurology, Department of Internal Medicine, Saga University Faculty of Medicine, Japan

S-07-2 Cerebral amyloid angiopathy-related cognitive impairment and inflammation

Kenji Sakai

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

S-07-3 Extending the clinical spectrum of cerebral amyloid angiopathy (CAA)

Steven M. Greenberg

Massachusetts General Hospital, USA / Harvard Medical School, USA