

## 第 26 回日本認知症学会学術集会プログラム

会長 本間 昭

東京都老人総合研究所 認知症介入研究グループ

開催日：平成 19 年 10 月 17 日（水）～10 月 18 日（木）

会場：大阪国際会議場(Grand Cube Osaka)

本年度学術集会は第 13 回国際老年精神医学会 IPA との合同開催となっております。口頭・ポスター発表の形式等は IPA と共通ですので、下記を参考にご発表のご用意をお願い申し上げます。

日程一覧：[http://www.congre.co.jp/ipa2007/prog\\_glance.html](http://www.congre.co.jp/ipa2007/prog_glance.html)

発表形式：[http://www.congre.co.jp/ipa2007/free\\_oral.html](http://www.congre.co.jp/ipa2007/free_oral.html)

第 26 回日本認知症学会学術集会事務局

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第 13 回国際老年精神医学会 (IPA 2007 Osaka Silver Congress)

<http://www.ipa-online.org>

## 第 26 回認知症学会参加者へのお知らせ

1. 第 26 回日本認知症学会は 10 月 17 日と 18 日の 2 日間にわたって大阪国際会議場 (Grand Cube Osaka) の 10 階 Hall C (1003) で認知症学会の 3 つのシンポジウムが、3 階でポスター発表が開催されますが、国際老年精神医学会と合同での開催です。従って、認知症学会の当日の参加登録は国際老年精神医学会 (IPA 2007 Osaka Silver Congress) への参加登録となります。国際老年精神医学会の登録受付で登録をお願いします。
2. 抄録集は学会機関誌 Dementia 第 21 巻第 2 号に掲載されます。非会員は学会場でお買い求めください (1 冊 3,000 円)。認知症学会のポスター発表の抄録は IPA の抄録集 (International Psychogeriatrics の増刊号としてコンgresバッグに含まれます) に掲載されていますが、認知症学会のシンポジウムの抄録は IPA の抄録集には掲載されていませんのでご注意ください。
3. 演者へのお知らせ  
ポスター発表を含むすべての発表は IPA の発表方法に従います。  
認知症学会のポスター発表は 10 月 17 日と 18 日の両日にわたって行われます。2 日間貼りっぱなしとなります。Poster viewing は 10:10-10:45 と 15:45-16:30 の午前と午後それぞれ 1 回ずつの break の時間に設定されています。従って、ポスターは遅くとも 10 月 17 日の午前 10:10 までには張り出してください。発表時間や座長は指定してありません。
4. シンポジウムの座長の先生方へ  
打ち合わせが必要な場合は Conference room 501 (認知症学会本部) をお使いください。
5. **総会は 10 月 18 日 14:00-15:00 に Room 1009 で開催されます。ぜひご参加ください。**
6. 各種委員会は下記の通り開催されます。

### 10 月 16 日

10:00-11:00 基礎研究推進に関する委員会 (Rm805)

11:00-12:00 企画委員会 (Rm805)

12:00-15:00 専門医認定制度委員会 昼食付き (Rm805)

15:00-16:00 機関誌編集委員会 (Rm805)

16:00-18:00 理事会 (Rm805) 夕食は Gala Dinner があるため用意してありません。

### 10 月 17 日

12:30-14:00 評議員会 (Rm1009)

### 10 月 18 日

12:30-13:45 学会奨励賞委員会 (昼食含) (Rm501)

## **SYMPOSIUM 1: OLIGOMER ABETA IS THE NEW CULPRIT OR THERAPEUTICS?**

**8:40-10:10 am, October 17, Hall C (1003)**

Chair: Hiroshi Mori (Osaka City University)

1. Takami Tomiyama (Osaka City University)

Oligomer A $\beta$  in animal models and human patients

2. Katsuhiko Yanagisawa (National Institute for Longevity Sciences)

A ganglioside-induced toxic soluble A $\beta$  assembly

3. William L. Klein (Northwestern U.)

Why Alzheimer's is a disease of memory: The attack on synapses by A $\beta$  oligomers (ADDLs)

## **SYMPOSIUM 2: PROGRANULIN AND TDP-43**

**16:30-18:00 pm, OCTOBER 17, Hall C (1003)**

Chairs: Takeshi Iwatsubo (Tokyo University)

Masato Hasegawa (Tokyo Institute of Psychiatry)

1. Mike Hutton (Department of Neuroscience, Mayo Clinic College of Medicine, USA)

The role of progranulin (PGRN) in neurodegenerative diseases

2. Ian R.A. Mackenzie (Department of Pathology, University of British Columbia, Canada)

The Clinical and Neuropathological Phenotype of FTD with Progranulin Mutations.

3. Manuela Neumann (Center for Neuropathology and Prion Research, Ludwig Maximilians University Munich, Germany)

Neuropathological spectrum of familial and sporadic TDP-43 proteinopathies.

4. Tetsuaki Arai (Department of Psychogeriatrics, Tokyo Institute of Psychiatry, Japan)

Accumulation of phosphorylated TDP-43 in neurodegenerative disorders.

## **シンポジウム 3：認知症診療と専門医**

**8:40-10:10, am, October 18, Hall C (1003)**

座長：本間昭（東京都老人総合研究所）

1. 井原康夫（同志社大生命医科学部準備室）：専門医制度に関する概説

2. 中島健二（鳥取大神経内科）：日本認知症学会専門医制度設立に関する経緯

3. 藤本直規（藤本クリニック）：臨床現場からの専門医に対する期待

4. 佐々木健（厚生労働省老健局計画課認知症・虐待防止対策推進室認知症対策専門官）日本認知症学会専門医制度に期待すること

# Alzheimer's Disease

- P2-060**      **Involvement of the prostaglandin E<sub>2</sub> receptors, EP2 and EP4, in the production of amyloid- $\beta$  peptides both *in vitro* and *in vivo***  
Graduate School of Medical and Pharmaceutical Sciences, Kumamoto University,  
Kumamoto, Japan  
Tatsuya Hoshino
- P2-061**      **Angiotensin-converting enzyme converts A $\beta$ 1-42 to A $\beta$ 1-40 and its inhibition enhances brain A $\beta$  deposition**  
Department of Alzheimer's Disease Research, National Institute for Longevity Sciences,  
NCGG, Obu, Japan  
Kun Zou
- P2-062**      **ATP-binding cassette transporter G4 is highly expressed in Alzheimer brain.**  
Department of Neurology and Healthcare, Fukuoka University Hospital  
Yoshinari Uehara
- P2-063**      **Suppression of APP metabolism by DHHC family proteins**  
Laboratory of Neuroscience, Graduate School of Pharmaceutical Sciences, Hokkaido  
University, Sapporo, Japan  
Chie Mizumaru
- P2-064**      **Tissue analysis of growth hormone (GH) and  $\alpha$ -melanocyte-stimulating hormone ( $\alpha$ -MSH) in pituitaries of Alzheimer's patients (AD)**  
Choju Medical Institute, Fukushima Hospital, Toyohashi, Japan  
Hiroyasu Akatsu
- P2-065**      **Specific binding of A $\beta$ 42 mimic peptides to prefibrillar soluble oligomer resulting in the inhibition of A $\beta$ 42-fibrillation**  
Department of Bioengineering, Faculty of Engineering, Kagoshima University, Kagoshima,  
Japan  
Koichi Tanaka
- P2-066**      **Amyloid  $\beta$  N-terminal-end specific monoclonal antibody 82E1 reduced  $\beta$ -amyloid toxicity in culture cells and cerebral amyloidosis in an Alzheimer mouse model.**  
Immuno-Biological Laboratories Co., Ltd., Gunma, Japan  
Yuko Horikoshi-Sakuraba
- P2-067**      **Expression of reticulon 3 in Alzheimer's disease brain**  
National Institute of Neuroscience, NCNP, Tokyo, Japan  
Wataru Araki
- P2-068**      **4 cases of clinically diagnosed as Alzheimer's disease without accumulation of amyloid in the brain revealed by PIB-PET.**  
Department of Physiology, Osaka City University Graduate School of Medicine,  
Suzuka Ataka

- P2-069**      **Familial Danish dementia: Co-existence of Danish and Alzheimer amyloid subunits (ADan and A $\beta$ ) in the absence of compact plaques**  
Department of Neurology, University of Tsukuba, Tsukuba, Japan  
Yasushi Tomidokoro
- P2-070**      **Application of brief-neuropsychological scale to patients with Alzheimer's disease in early stage.**  
Department of Neuropsychiatry, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama, Toyama, Japan  
Kanade Kato
- P2-071**      **Peripheral ethanolamine plasmalogen deficiency in SDAT: cause or effect?**  
Phenomenome Discoveries Inc., Saskatoon, SK, Canada  
Yasuyo Yamazaki
- P2-072**      **How does the people with severe dementia engage objects in daily life ? - Pilot study**  
-  
Department of Health Sciences, Faculty of Medicine, University of Kyoto, Kyoto, Japan  
Haruna Shirai
- P2-073**      **Nutritional support for the patient of frontotemporal dementia(FTD): a case report**  
Okehazama hospital, psychiatry, Aichi, Japan  
Tatsuyo Suzuki
- P2-074**      **Enhanced accumulation of phosphorylated  $\alpha$ -synuclein in double transgenic mice expressing mutant  $\beta$ APP and presenilin-1**  
Department of Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmacy, Okayama, Japan  
Tomoko Kurata
- P2-075**      **Understanding functional proteins of  $\gamma$ -42cleavage by proteomics analysis**  
Department of Post-Genomics and Diseases, Division of Psychiatry and Behavioral Proteomics, Osaka University Graduate School of Medicine, Osaka, Japan  
Takashi Oguri
- P2-076**      **Alteration of concanavalin A binding glycoproteins in cerebrospinal fluid and serum of Alzheimer's disease patients**  
Division of Clinical Laboratory, Clinical Facilities, Tottori University Hospital, Tottori University, Yonago, Japan  
Yuki Hashimoto
- P2-077**      **Serum glycoprotein as a new diagnostic marker for Alzheimer's disease**  
Department of Biological Regulation, Faculty of Medicine, Tottori University, Japan  
Yuka Nakamura
- P2-078**      **Continued report of cognitive improvement on patients with Alzheimer's disease by aromatherapy.**  
Section of Environment and Health Science, Department of Biological Regulation, School of Health Science, Faculty of Medicine, Tottori University.  
Daiki Jimbo

- P2-079**      **Beta cleavage by BACE1: New processing mechanism and BACE1 structure**  
RIKEN Brain Science Institute  
Nobuyuki Nukina
- P2-080**      **Additional factors alter  $\epsilon$ -cleavage precision of Amyloid precursor protein in *in vitro*  $\gamma$ -secretase assay**  
Psychiatry, Department of Integrated Medicine, Division of Internal Medicine, Osaka University Graduate School of Medicine, Osaka, Japan  
Kohji Mori
- P2-081**      **An autopsy case of familial Alzheimer's disease with a novel mutation (D678N) in the APP gene**  
Department of Neurology, Institute of Neurological Sciences, Tottori University, Yonago, Japan  
Kenji Wada-Isoe
- P2-082**      **Discontinuation of donepezil in geriatric clinic**  
Department of Geriatrics, Nagoya University Graduate School of Medicine  
Hiroyuki Umegaki
- P2-083**      **Living with early-stage Alzheimer's disease in Japan - perspectives from afflicted persons**  
Faculty of Health Science, Tokyo Metropolitan University, Tokyo, Japan  
Towako Katsuno

## Behavioural and Psychological Symptoms of Dementia

- P2-085**      **Effects of Yokukansan on BPSD and memory disturbance induced by thiamine deficiency in mice**  
Tsumura Research Laboratories, Tsumura & Co., Ibaraki, Japan  
Takuji Yamaguchi
- P2-086**      **Effect of Yokukansan on thiamine deficient-induced encephalopathy in rats: electron microscopic analysis**  
Tsumura Research Laboratories, Tsumura & Co., Ibaraki, Japan  
Seiichi Iizuka
- P2-087**      **Characteristics of Yokukansan-therapy on aggressiveness induced by intraventricular A $\beta$ -injection in mice**  
Tsumura Research Laboratories, Tsumura & Co., Ibaraki, Japan  
Kyoji Sekiguchi
- P2-088**      **An Asian traditional medicinal herb, *Uncaria rhynchophylla*, protects neuronal cells through transcription factor regulation**  
Center for Asian Traditional Medicine  
Katsutoshi Furukawa

**P2-089 Novel therapeutic strategies useful for Alzheimer's disease from medicinal herbs and traditional Chinese medical formula**

Department of Geriatrics and Gerontology Center for Asian Traditional Medicine, Tohoku University Graduate School of Medicine, Sendai, Japan  
Hironori Fujiwara

## Caregiver Issues

**P2-117 The relationship between stress reaction and the attitudes towards dementia-related aggression among Japanese formal caregivers.**

Kagawa Prefectural College of Health Sciences  
Hiroe Hitomi

**P2-118 Effect to professional caregivers of reminiscence group therapy for the elderly with dementia**

Department of Clinical Psychology, Faculty of Health and Welfare, Kawasaki University of Medical Welfare, Kurashiki, Japan  
Yumiko Okumura

## Cellular and Animal Models

**P2-119 MR tracking of microglia transplanted in Alzheimer model rats**

Molecular Neuroscience Research Center, Shiga University of Medical Science, Shiga, Japan  
Ikuo Tooyama

**P2-120 LGI3 accumulates in endocytic pathway of aged monkey brains; LGI3 colocalizes with A $\beta$  in vivo**

The Corporation for Production and Research of Laboratory Primates, Ibaraki, Japan  
Sachi Okabayashi

**P2-121 Effects of chronic exposure to aluminum in drinking water on an animal model of tauopathies**

Department of Neuropsychiatry, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences  
Etsuko Oshima

**P2-122 A $\beta$  accumulation causes postsynaptic damage in Tg2576 mice**

Department of Neurology, Institute of Brain Science, Hirosaki University Graduate School of Medicine, Hirosaki, Japan  
Yasuhito Wakasaya

- P2-123**      **Tau protein phosphorylation by oxidative stress via c-jun N-terminal kinase (JNK) activation**  
Department of Neurology, Tokyo Medical and Dental University, Tokyo, Japan  
Nobuo Sanjo
- P2-124**      **Aging attenuates dynactin-dynein interaction: down-regulation of dynein causes accumulation of endogenous tau and APP in human neuroblastoma cells**  
Laboratory of Disease Control, Tsukuba Primate Research Center, National Institute of Biomedical Innovation, Ibaraki, Japan  
Nobuyuki Kimura
- P2-125**      **Immunohistochemical study on TDP-43 protein in amyotrophic lateral sclerosis/parkinsonism-dementia complex of the Kii peninsula of Japan**  
Department of Neurology, Mie University Graduate School of Medicine, Mie, Japan  
Yasumasa Kokubo
- P2-126**      **CRB2 binds to presenilin complexes resulting in inhibited secretion of amyloid- $\beta$  peptides**  
Molecular Neuroscience Research Center, Shiga University of Medical Science, Otsu, Japan  
Masaki Nishimura
- P2-127**      **Characteristics of  $\gamma$ -secretase activities in I213T mutant PS1 knock-in mice brain**  
Lab. for Alzheimer's disease, BSI, RIKEN, Saitama, Japan  
Masafumi Shimojo
- P2-128**      **Different phenotypes of mouse expressing human wild and mutant P301L tau.**  
Laboratory for Alzheimer's Disease, Brain Science Institute, RIKEN, Saitama, Japan  
Tetsuya Fukuda
- P2-129**      **The JAK2/STAT3 signaling axis regulates memory in Alzheimer's disease**  
Department of Anatomy, Keio University, School of Medicine  
Tomohiro Chiba
- P2-130**      **GABA-related acceleration of aging process in Alzheimer's model mouse**  
Lab for Alzheimer's Disease, Brain Science Institute, RIKEN, Saitama, Japan  
Yuji Yoshiike
- P2-131**      **Evaluation of the dopaminergic system in the substantia nigra in aging-accelerated *klotho* mice**  
Department of Neurology, School of Medicine, Keio University, Tokyo, Japan  
Arifumi Kosakai
- P2-132**      **Analysis of transgenic mice overexpressing mutant tau and GSK-3 $\beta$**   
Gunma University Graduate School of Medicine, Maebashi, Gunma, Japan  
Masaki Ikeda



## Cognitive-Behavioral Therapy

- P2-135 Hydrogen acts as a therapeutic antioxidant by selectively reducing cytotoxic oxygen radicals in the nervous system**  
Department of Biochemistry and Cell Biology, Institute of Development and Aging Sciences, Graduate School of Medicine, Nippon Medical School, Kawasaki, Japan  
Ikuroh Ohsawa
- P2-136 Design report: Randomized prospective learning therapy study on elderly Japanese in Osaka**  
Department of Psychiatry Osaka University Graduate School of Medicine, Tokyo, Japan  
Takashi Morihara

## Dementia with Lewy Bodies and Parkinson's Disease Dementia

- P2-137 Classification of psychotic symptoms in dementia with Lewy bodies**  
Geriatric Neurology, Shiga Medical Center, Moriyama, Japan  
Yasuhiro Nagahama
- P2-138 Neurosin cleaves the NAC region of  $\alpha$ -synuclein**  
Department of Neurology, Kyoto Prefectural University of Medicine, Kyoto, Japan  
Takashi Kasai

## Diagnostic Methods

- P2-142 Value of CSF-A $\beta$ 42, total tau protein, phosphorylated tau protein in the differential diagnosis of DLB from AD: comparison with <sup>131</sup>I-MIBG radioactivity.**  
Department of Neurology and Neurobiology of Aging, Kanazawa, Japan  
Moeko Shinohara
- P2-143 Development of DNA microarray-based high-throughput gene analysis system and its application to the molecular diagnosis of familial Alzheimer's disease**  
Department of Neurology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan  
Yuji Takahashi
- P2-144 A Novel ELISA system for endogenous mouse Amyloid-beta 1-40 in blood.**  
Immuno-Biological Laboratories Co., Ltd  
Nobuhiro Maruyama
- P2-145 Stage Estimation of Dementia(SED):A proposal of a practical method for estimation of the stage in the course of dementia for the clinician.**  
Kiyohara Ryu Mental Clinic  
Tatsuo Kiyohara

## Fronto-Temporal Dementia

**P2-154      Clinicopathological spectrum of amyotrophic lateral sclerosis (ALS) and frontotemporal lobar degeneration (FTLD) on TDP-43 immunohistochemistry in Japan**

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

Mari Yoshida

**P2-155      FTDP-17 mutation modify the intermediate formation of tau filament**

RIKEN Brain Science Institute

Sumihiro Maeda

## Genetics

**P2-162      Gender-related genetic loci associated with late-onset Alzheimer's disease on chromosome 10q**

Niigata University, Niigata, Japan

Akinori Miyashita

**P2-163      Association study of alpha-synuclein gene polymorphism in autopsy-confirmed degenerative dementia**

Department of Geriatric Medicine, Ehime University Graduate School of Medicine, Ehime, Japan

Tetsuro Miki

**P2-164      Two Japanese CADASIL families exhibiting R75P mutation of Notch3 not involving cysteine residue**

Department of Molecular Neurology, Kyoto Prefectural University of Medicine, Kyoto, Japan

Toshiki Mizuno

**P2-165      Driving problems arising from dementia and various cognitive impairments**

Department of Geriatrics, Medicine in Growth and Aging, Program in Health and Community Medicine, Nagoya University Graduate School of Medicine

Naoko Kawano

## Mild Cognitive Impairment

**P2-166      A study of awareness of memory deficits in patients with dementias**

Department of Geriatric Medicine, Tokyo Medical University, Tokyo, Japan

Haruo Hanyu

## Molecular Biology

- P2-201**      **N-cadherin enhances extracellular secretion of A $\beta$  and modulates A $\beta$ 42/40 ratio**  
Department of Neurology, Kyoto University Graduate School of Medicine, Kyoto, Japan  
Kengo Uemura
- P2-202**      **Participation of Alcadin  $\alpha$  and its proteolytic product in the axonal transport of APP and the generation of A $\beta$**   
Laboratory of Neuroscience, Graduate School of Pharmaceutical Sciences, Hokkaido University, Sapporo, Japan  
Takanori Kawano
- P2-203**      **Increased autophagic activity might not automatically induce amyloid  $\beta$  protein production**  
Department of Neurology, Gunma University Graduate School of Medicine, Maebashi, Gunma, Japan  
Kouki Makioka
- P2-204**      **Apo E isoform dependent cholesterol efflux is caused by intra-molecular domain interaction and inter-molecular dimerization**  
Dept of Alzheimer's dis Res, NILS, National Center for Geriatrics and Gerontology, Obu, Japan  
Hirohisa Minagawa
- P2-205**      **A $\beta$  amyloid accelerates accumulation of tau in neuronal processes**  
Department of Neurology, Institute of Brain Science, Hirosaki University Graduate School of Medicine, Hirosaki, Japan  
Yusuke Seino
- P2-206**      **Quantitative change of APH-1 and presenilin in culture cells under various type of endoplasmic reticulum (ER) stress**  
Department of Neurology, Tokyo Medical and Dental University, Tokyo, Japan  
Nobuo Sanjo
- P2-207**      **Dephosphorylation of Cdk5-phosphorylated FTDP-17 mutant tau**  
Department of Biological Sciences, Graduate School of Science, Tokyo Metropolitan University, Tokyo, Japan  
Kensuke Yotsumoto
- P2-208**      **Mutational analysis in early-onset familial Alzheimer's disease in Japanese population revealed *PSEN1* mutations, *MAPT* R406W mutation, and *APP* duplication**  
Department of Molecular Neuroscience, Brain Research Institute, Niigata University, Niigata, Japan  
Takeshi Ikeuchi
- P2-209**      **Assembly of two distinct dimers and higher-order oligomers from human full-length tau**  
Laboratory for Alzheimer's Disease, RIKEN Brain Science Institute, Wako-shi, Japan  
Naruhiko Sahara

- P2-210**      **Phosphatidylinositol 3-kinase/AKT pathway alters the ubiquitination of the  $\gamma$ -secretase complex and modulates its proteasomal degradation.**  
Department of Neurology, Faculty of Medicine, Kyoto University, Kyoto, Japan  
Nobuhisa Aoyagi
- P2-211**      **Non-astrocytic expression of apolipoprotein E in the brain**  
Department of Neurology, Tokyo Metropolitan Institute for Neuroscience, Tokyo, Japan  
Toshiki Uchihara
- P2-212**      **Contribution of endogenous GRKs to phosphorylation of alpha-synuclein at Ser129 in cultured cells**  
Department of Neurology, Hematology, Metabolism, Endocrinology and Diabetology, Yamagata University Faculty of Medicine, Yamagata, Japan  
Hiroyasu Sato
- P2-213**      **Effects of phosphoinositides on gamma-secretase activity in detergent soluble/insoluble states**  
Neuropathology, Faculty of Medicine, The University of Tokyo, Tokyo, Japan  
Satoko Osawa
- P2-214**      **The expression of mPGES-1 relevant to Alzheimer's disease pathology in mouse model of Alzheimer's disease**  
Department of Clinical Pharmacology, Faculty of pharmaceutical Sciences, Fukuoka University, Fukuoka, Japan  
Masahiro Haji

## Nursing

- P2-215**      **The understanding of prevention methods for dementia: a questionnaire survey for attendants at a dementia lecture**  
The University of Tokushima, Graduate School of Health Sciences, Department of Community and Psychiatric Nursing  
Toshiko Tada

## Other

- P2-247**      **The Brain Bank for Aging Research Project**  
Department of Neuropathology, Tokyo Metropolitan Institute of Gerontology  
Shigeo Murayama
- P2-249**      **CSF orexin levels in patients with neurodegenerative diseases**  
Department of Neurology, Institute of Neurological Sciences, Faculty of Medicine, Tottori University, Yonago, Japan  
Kenichi Yasui

## Other Dementias

- P2-250**      **Leucine-rich  $\alpha$ -2-glycoprotein is a potential biological marker for idiopathic normal pressure hydrocephalus .**  
Department of Neurosurgery, Juntendo University School of Medicine, Tokyo, Japan  
Madoka Nakajima
- P2-251**      **Prevalence of medical comorbidity in patients with dementia**  
Department of Geriatric Medicine, Tokyo Medical University Hospital, Tokyo, Japan  
Hirofumi Sakurai
- P2-252**      **Pathological features of the Gallyas- and Tau-positive glia in the amyotrophic lateral sclerosis and parkinsonism-dementia complex of Kii peninsula of Japan**  
Department of Neurology, Mie University Graduate School of Medicine  
Atsushi Niwa
- P2-253**      **Clinical database for dementia of the National Center for Geriatrics and Gerontology**  
National Center for Geriatrics and Gerontology, Obu, Japan  
Yukihiko Washimi
- P2-254**      **Proteomic analysis of microvessels of CADASIL brain**  
Department of Vasucular Dementia Research, National Institute for Longevity Sciences, Obu, Japan  
Atsushi Watanabe

## Service Delivery

- P2-259**      **Case study on a schizophrenic patient complicated with dementia -Focusing on the intervention by occupational therapist**  
Juridical Foundation The Institute of Clinical Psychiatry, Tokyo, Japan  
Atsushi Ohata

## The Role of Assistive Technologies

- P2-260**      **Preventive measures and fact finding research on senile dementia and depression in the cold climate**  
Department of foreign language, Hokkaido Bunkyo University  
Kiyoko Kamada

## Treatments for Dementia

- P2-261 Characterization of therapeutic antibody against A $\beta$  oligomers for Alzheimers disease**  
Department of Alzheimers Disease Research, National Institute for Longevity Sciences, National Center for Geriatrics and Gerontology, Obu, Japan  
Hui Sun
- P2-262 Quantitation of amyloid  $\beta$  protein in cerebrospinal fluid from patients taking various statins in comparison with control subjects**  
Medical Sciences for Control of Pathological Processes, the Graduate School of Comprehensive Human Sciences, University of Tsukuba  
Hirotsugu Harada
- P2-263 Snapshots of Amyloid-beta 1-42 conformers by human antibody-displaying phage library**  
Department of Bioengineering, Faculty of Engineering, University of Kagoshima, Kagoshima, Japan  
Sho Takiguchi
- P2-264 A new therapeutic agent for Alzheimer disease: Modulation of reactive astrocytes by arundic acid (ONO-2506) reduces amyloidogenesis in Alzheimer transgenic mice**  
Institute of Medical Science, Department of Pathology, Saitama Medical Center/Saitama Medical University, Saitama, Japan  
Yoshiko Nojima
- P2-265 A new therapeutic agent for Alzheimer disease: Arundic acid (ONO-2506) attenuates cerebral amyloidosis and gliosis in Alzheimer transgenic mice**  
Institute of Medical Science, Department of Pathology, Saitama Medical Center/Saitama Medical University, Saitama, Japan  
Takashi Mori
- P2-266 Inhibition of amyloid beta fibrillation and formation of soluble amyloid oligomers by molecular chaperone**  
JST PRESTO/RIKEN Bioengineering lab  
Masafumi Sakono

## Vascular Cognitive Impairment and Vascular Dementia

- P2-281 Discussion of dominant brain in vascular dementia of internal thalamic infarction - comparison of two cases of various-side internal thalamic infarction -**  
Department of Internal Medicine Sanoigawatani Hospital, Kobe, Japan  
Tetsuo Mizuhara

Other (*Free Communication*)

- FC02-01**     **Development of the Japanese version care planning assessment tool (J-CPAT): reliability and validity studies**  
Yuai Clinic, Yuaikai, Saga, Japan  
Sumiko Kanegae

Mild Cognitive Impairment (*Free Communication*)

- FC11-01**     **The impaired imitation of meaningless-movement in mild cognitive impairment and early-stage Alzheimer's disease**  
Department of Geriatrics, Medicine in Growth and Aging, Program in Health and Community Medicine, Nagoya University Graduate School of Medicine.  
Naoko Kawano

Symposium

- S30-5**     **Value of analyzing deep gray matter and occipital lobe perfusion to differentiate dementia with Lewy bodies from Alzheimer's disease**  
Department of Geriatric Medicine, Tokyo Medical University, Tokyo, Japan  
Soichiro Shimizu
- S30-8**     **Striatal alpha-synuclein accumulation in dementia with Lewy bodies**  
Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan  
Kimiko Obi