



The 15th International Symposium on Geriatrics and Gerontology

Theme: Inflammation and Dementia

- Genomics, System and Therapeutics -

Opening Remarks 9:20~9:25

Hidenori Arai

Session 1. 9:25~11:50

Impact of Microglia in Inflammation and Dementia

Moderators: Hiroshi Kiyama and Akiko Satoh

1. Innate immune activation in Alzheimer's disease

Michael T. Heneka (40 min)

University of Bonn, Germany

2. Network remodeling by reactive astrocytes

Schuichi Koizumi (35 min)

The University of Yamanashi

3. The role of neuroinflammation in neurodegenerative diseases

Koji Yamanaka (35 min)

Nagoya University

4. Novel strategies for enhanced amyloid clearance in the Alzheimer disease brain

Taisuke Tomita (35 min)

The University of Tokyo

Luncheon Seminar 12:00~13:00

Moderator: Akinori Takeda

How to manage loss of consciousness and epilepsy in elderly populations

Ayataka Fujimoto

Seirei Hamamatsu General Hospital

Session 2. 13:05~14:55

Genetics of Inflammation and Dementia

Moderators: Takeshi Ikeuchi and Koichi M. Iijima

1. Deciphering complex neurologic diseases: from genomics to therapies

Nilüfer Ertekin-Taner (40 min)

Mayo Clinic Jacksonville, USA

2. Characteristic transcriptional signatures in glial cells in human brains of Alzheimer's disease

Takeshi Ikeuchi (35 min)

Niigata University

3. DAP12 and the associated receptors elicit multiple functions of microglia in neural diseases

Hiroshi Kiyama (35 min)

Nagoya University

<Break> 14:55~15:05

Session 3. 15:05~16:45

Linkage Between Systemic Inflammation and Dementia

Moderators: Koji Yamanaka and Kazutaka Akagi

1. Molecular pathogenesis of Alzheimer's disease: the impact of the gut microbiome

Sangram S. Sisodia (40 min)

University of Chicago, USA

2. Bidirectional interactions between obesity/diabetes and Alzheimer's disease

Naoyuki Sato (30 min)

National Center for Geriatrics and Gerontology

3. Analysis of the relationship between the gut microbiome and dementia

Naoki Saji (30 min)

National Center for Geriatrics and Gerontology

Closing Remarks 16:45~16:50

Mitsuo Maruyama