

Kenichi Meguro, MD, PhD

k-meg@umin.ac.jp

Professor, Division of Geriatric Behavioral Neurology, Tohoku University CYRIC,
4-1, Seiryomachi, Aoba-ku, IDAC, 980-8575 Sendai, Japan
Visiting Professor, Tohoku Fukushi University, Sendai, Japan
Visiting Professor, Department of Neuropsychiatry, Keio University, Tokyo, Japan
Head of Office Against Dementia, The Osaki-Tajiri SKIP Center, Osaki, Japan
Visiting Professor, Department of Neurology, Fu Jen University, Taipei, Taiwan

Introduction for the session chair

In the MCI session, we could firstly share the various concepts for MCI and their histories, such as MCI (GDS stage 2), amnesic MCI, CDR 0.5, CIND, etc.

Secondly, we could summarize and integrate the research findings as follows:

- 1) Epidemiologic studies of cross-sectional as well as longitudinal
- 2) Neuroimaging studies using MRI, SPECT, and PET
- 3) Intervention studies to prevent (primary, secondary, and tertiary) further decline to dementia

Finally, we could discuss and make health policy guidelines based on scientific background for community-based measures for MCI people.

Curriculum Vitae

Education

1985: Graduated from Tohoku University School of Medicine, awarded a degree of MD

1989: Graduated from Tohoku University Graduate School of Medicine, awarded a degree of PhD

1994-1996: Studying abroad, Centre-CYCERON-INSERM U.320 (PET Center), Caen, France

2003: Studying abroad, Alzheimer's Disease Research Center, Department of Neurology, Washington University in St Louis, School of Medicine, USA

Professional Experience

1990-1993: Department of Neurology and Geriatric Medicine, Tohoku University Hospital

1995-2004: Assistant Professor, Division of Neuropsychology, Department of Disability Medicine, Tohoku University Graduate School of Medicine

1997: Department of Neurology, Sao Paulo University School of Medicine

2002-2006: Director, the Tajiri SKIP Center

2005- present: Professor, Division of Geriatric Behavioral Neurology, Tohoku University, Head of Office Against Dementia, The Osaki-Tajiri SKIP Center

Medical specialty

Board of Internal Medicine, Clinical Neurology, Stroke Medicine, Geriatric Psychiatry, and Dementia Medicine, certified by the Japanese Societies of Internal Medicine, Neurology, Stroke, Psychogeriatric, and Dementia Association

Professional Society Membership

Trustee of Asian Society Against Dementia (ASAD)
Councilor of the Japan Society for Dementia Research, the Japanese Society for Dementia Care, the Japanese Society of Cognitive Neuroscience, the Japan Society for Higher Brain Dysfunction, the Neuropsychology Association of Japan, and the Japan Psychogeriatric Association

Editorial Board

Dementia & Neuropsychologia
International Journal of Alzheimer's Disease

10 Main Articles

1. Meguro K, et al. Cerebral circulation and oxygen metabolism associated with subclinical PVH as shown by MRI. *Ann Neurol* 1990;28:378-83.
2. Meguro K, et al. Striatal dopamine metabolism correlated with fronto-temporal glucose utilization in AD. *Neurology* 1997;49:941-5.
3. Meguro K, et al. Neocortical and hippocampal glucose hypometabolism following neurotoxic lesions of the entorhinal and perirhinal cortices in the non-human primate as shown by PET: Implications for AD. *Brain* 1999;122:1519-31.
4. Meguro K, et al. Relations between hypometabolism in the posterior association neocortex and hippocampal atrophy in AD: A PET/MRI correlative study. *J Neurol Neurosurg Psychiatr* 2001;71:315-21.
5. Meguro K, et al. Prevalence of dementia and dementing diseases in Japan: The Tajiri Project. *Arch Neurol* 2002;59:1109-14.
6. Meguro K, et al. Corpus callosum atrophy, white matter lesions, and frontal executive dysfunction in normal aging and AD. *Int Psychogeriatr* 2003;15:9-25.
7. Meguro K, et al. Prevalence and cognitive performances of CDR 0.5 and MCI in Japan: The Tajiri Project. *Alzheimer Dis Assoc Disord* 2004;18:3-10.
8. Meguro K, et al. Incidence of dementia and associated risk factors in Japan: The Osaki-Tajiri Project. *J Neurol Sci* 2007;260:175-82.
9. Meguro K, et al. Vascular lesions in mixed dementia, VaD, and AD with CVD: The Kurihara Project. *J Neurol Sci* 2012 [Epub].
10. Meguro K, al. Donepezil and life expectancy in AD: A retrospective analysis in the Tajiri Project. *BMC Neurology* 2014;14:83 [Epub].