

The 10th International Symposium on Geriatrics and Gerontology

Frailty and Dementia -Current Trends and Future Treatments-

9:15-9:20 Opening Address

Kenji Toba, National Center for Geriatrics and Gerontology

9:20-12:10 Session1

Physical Frailty (Sarcopenia) and Locomotive Syndrome

Chairmen: **Masahiro Akishita**, The University of Tokyo

Hidegori Arai, National Center for Geriatrics and Gerontology

9:20-10:10

Sarcopenia and Frailty Syndromes: The Centerpiece of Modern Geriatrics

John E Morley, Division of Geriatric Medicine, Saint Louis University Medical Center (USA)

10:10-10:40

Molecular and therapeutic approaches against sarcopenia

Sumito Ogawa, The University of Tokyo

10:40-11:10

Sarcopenia in Asia

Liang-Kung Chen, Taipei Veterans General Hospital (Taiwan)

11:10-11:40

New approaches in evaluating sarcopenia

Yasumoto Matsui, National Center for Geriatrics and Gerontology

11:40-12:10

Locomotive Syndrome in Japan

Shigeyuki Muraki, The University of Tokyo

12:20-13:20 Luncheon Seminar

13:30-16:55 Session2

Dementia and Cerebral White Matter Hyperintensity (WMH)

Chairmen: **Toshihiko Iwamoto**, International University of Health and Welfare

Hidekazu Tomimoto, Mie University

13:30-14:20

White matter integrity and pathology in Aging and Disease: Causes, Consequences and Possible Treatments

Charles DeCarli, Department of Neurology, Alzheimer's Disease Center, UC Davis (USA)

14:20-15:10

Cerebral small vessel disease: what have we learned from the LADIS Study?

Leonardo Pantoni, Stroke Unit and Neurology, Azienda Ospedaliero Universitaria Careggi (Italy)

15:10-15:40

Loss of white matter integrity and cognitive dysfunction

Hidekazu Tomimoto, Mie University

(Coffee Break 15:40-15:55)

15:55-16:25

Sleep, blood pressure variability, and their effects on cerebral small vessel disease in elderly hypertensive patients

Michiaki Nagai, Jichi Medical University

16:25-16:55

Implication of white matter hyperintensity in dementia prevention and care

Takashi Sakurai, National Center for Geriatrics and Gerontology

16:55-17:00 Closing Remarks

Atsushi Harada, National Center for Geriatrics and Gerontology