

BIOMEDICAL GERONTOLOGY

VOL. 19, No.1 April 1995

Proceedings of The 17th Symposium of Japan Society for Biomedical Gerontology

" Extrapolation of Human Aging from Animals — Brain Aging for the Main — "

Held at Auditorium of Tokyo Metropolitan Gerontology Center, April 15, 1995

Sponsored by Tokyo Metropolitan Institute of Gerontology

Aim of the symposium: SHUMIYA, S., Organizer, 17th Symposium----- 1

Opening address: SUZUKI, K., President, J. S. B. G.

1. Aging of Learning and Memory Function of Laboratory Rodents

(Chairperson: SHUMIYA, S.)

- 1) TADOKORO, S.: Evaluation for Learning and Memory Tests by Small Animals-- 2
- 2) MIYAMOTO, M.: Characteristics of Age-Related Behavioral Changes
in Senescence-Accelerated Mouse (SAM)----- 8
- 3) AKIGUCHI, I.: Pathomorphological Changes of the Brain
in Senescence-Accelerated Mouse (SAM)-----16

2. Aging of Companion Animals

(Chairperson: OGATA, M.)

- 4) UCHINO, T. et al.: Senile Dementia in Aged Dogs
and The Diagnostic Standards-----24
- 5) NAKAYAMA, H. et al.: Histopathology of the Brain in Demented Dogs----- 32

3. Aging of Non-Human Primates

(Chairperson: HONJO, S.)

- 6) YOSHIKAWA, Y.: Importance of Non-Human Primate in the Study
on Longevity Science-----40
- 7) NAKAMURA, S. et al.: Histopathological Findings on Senile Plaques
and Amyloid Angiopathy in Aged Cynomolgus Monkeys-----46

4. Evaluation of Brain Functions by Imaging

(Chairperson: SATO, A.)

- 8) YAMADA, K. & YANAI, S.: NMR Studies of Brain Function and Metabolism----56
- 9) SENDA, M.: Evaluation of Brain Functions with PET-----66

5. General Discussion (Chairperson: SATO, A. & SHUMIYA, S)