

BIOMEDICAL GERONTOLOGY,

VOL.15 No.1 April 1991

Abstract : 13th Symposium of Japan Society for Biomedical Gerontology Cellular Aging In Vivo and In Vitro

(April 13, 1991, at Mochida Pharmaceutical Co. Luke Hall, Tokyo)

Joint sponsor : Tokyo Metropolitan Institute of Gerontology

Opening address	K. Imahori
Chairman : S. Kawashima	
Studies on aging using cultured mammalian cells : past, present, and future.	M. Yamada 5
Enhanced endothelin expression in aged vascular cells	Y. Mitsui17
Chairman : K. Kato	
Senescence of normal human and progeroid cells as a model of aging.	Y. Fujiwara, S. Yokoo, A. Nakamura, S. Kanazawa & A. Matsumoto25
Chairman : A. Koizumi	
Effect of aging on murine T cell functions.	H. Nariuchi & Y. S. Tae31
Chairman : N. Ishii	
Approaches to neuronal death in Alzheimer's disease.	Y. Uchida37
Chairman : K. Kaji	
Cellular aging and individual aging ; especially on the morphology of hepatic cells.	T. Sato43
Chairman : T. Ono	
Aging and oxidative stress : changes in the cell and whole body.	M. Matsuo49
Summary	K. Imahori55
General discussion	Chairman : Y. Mitsui & S. Goto
Closing address	T. Tsumita