

The 5th ISGG

The 5th International Symposium on Geriatrics and Gerontology
“Molecular Aging and Senescence”

December 5, 2009

Aichi, Japan

PROGRAM

9:15-9:20 Opening Remarks

Shin-ichi Ohshima

President, National Center for Geriatrics and Gerontology (NCGG)

SESSION I: Cellular Senescence and Aging

Chairpersons: Sataro Goto/Professor, School of Health & Sports Science, Juntendo University
Masataka Sugimoto/ Section Chief, Department of Mechanism of Aging,
Institute, NCGG

9:20-9:50 Translational Feedback Regulation of the p53 Pathway

Masataka Sugimoto, PhD

Section Chief, Department of Mechanism of Aging, Institute, NCGG

9:50-10:30 The Roles and Mechanisms Regulating p16^{INK4a} Expression in Cellular Senescence

Eiji Hara, PhD

Chief, Division of Cancer Biology, The Cancer Institute,
Japanese Foundation for Cancer Research (JFCR), Japan

10:30-11:10 Anti-aging Activity of the Ink4/Arf Locus and p53

Manuel Collado, PhD

Senior scientist, Tumour suppression group,
Spanish National Cancer Research Centre, Spain

11:10-11:50 DNA Damage Responses in BRCA1 deficiency induced Senescence, Aging and Tumorigenesis

Liu Cao, DDS, PhD

Staff Scientist, Translational Medicine Branch, NHLBI, NIH, USA

11:50-12:50 Lunch

SESSION II: Intrinsic Factors Modulating Lifespan

Chairpersons: Naoki Ishii/Professor, Department of Molecular Life Science, Basic Medical
Science and Molecular Medicine, Tokai University School of Medicine
Noboru Motoyama/Section Chief, Department of Geriatric Medicine,
Institute, NCGG

12:50-13:30 Roles of the MAP Kinase Signaling Pathways in the Regulation of Life Span

Eisuke Nishida, PhD

Professor, Department of Cell and Developmental Biology,
Division of Integrated Life Science, Graduate School of Biostudies,
Kyoto University, Japan

13:30-14:10 Cross-talk Regulation of FOXO Transcription Factor by Arginine Methylation

Akiyoshi Fukamizu, PhD

Professor, Functional Genomic Biology, Tsukuba Advanced Research Alliance,
University of Tsukuba, Japan

14:10-14:50 Sirtuins: Regulators of Health and Aging

David A. Sinclair, PhD

Professor, Laboratories for the Biological Mechanisms of Aging,
Department of Pathology, Harvard Medical School, USA

14:50-15:15 Coffee Break

SESSION III: Contribution of Basic Aging Research for Age-Related Diseases

Chair: Naoki Maruyama/deputy director, Tokyo Metropolitan Institute of Gerontology
Mitsuo Maruyama/Head, Department of Mechanism of Aging, Institute, NCGG

**15:15-15:45 Impact of DNA Damage Response on Premature Aging Syndromes
Noboru Motoyama, PhD**

Section Chief, Department of Geriatric Medicine, Institute, NCGG

**15:45-16:25 Cellular Senescence, p53 and Cardiovascular Disease
Issei Komuro, MD**

Professor, Department of Cardiovascular Science and Medicine, Chiba
University Graduate School of Medicine/Department of Cardiovascular
Medicine, Osaka University Graduate School of Medicine, Japan.

**16:25-17:05 Connecting Mechanisms of Aging and Neurodegeneration
: From Worm to Mouse**

Andrew Dillin, PhD

Associate Professor and Pioneer Developmental Chair, Molecular and Cell
Biology Laboratory, SALK Institute, USA

17:05-17:10 Closing Remarks

Takao Suzuki

Director, Institute, NCGG