

## Cutting Edge Aging Research -Toward Healthspan Extension-

Date : 2017.10.11 (Wed) 12 : 00 - 18 : 30

Venue : Akio Suzuki Memorial Hall (M&D Tower 2F)

**12:00 - 12:05 Opening Remarks** Dr. Hiroshi Nishina

**12:05 - 13:30 Session 1 Regulation of Life-span and Brain Aging**

12:05-12:35 Dr. Eisuke Nishida (Graduate School of Biostudies, Kyoto University)

**Title:** Lifespan regulation by environmental stresses in *C. elegans*.

12:35-13:00 Dr. Akiko Satoh (National Center for Geriatrics and Gerontology)

**Title:** Role of the dorsomedial hypothalamus in mammalian aging and sleep

13:00-13:30 Dr. Hitoshi Okazawa (Medical Research Institute, TMDU)

**Title:** Conceptual merge between aging and neurodegeneration

**13:55 -16:05 Session 2 Stem Cell Aging and Tissue Aging**

13:55-14:30 Dr. Karl Lenhard Rudolph (The Leibniz Institute on Aging – Fritz Lipmann Institute (FLI))

**Title:** Epigenetic stress responses and stem cell aging

14:30-15:05 Dr. Salvador Aznar Benitah (IRB Barcelona Institute for Research in Biomedicine)

**Title:** Timing of adult stem cell function during homeostasis and aging

15:05-15:35 Dr. Emi Nishimura (Medical Research Institute, TMDU)

**Title:** Stem cells orchestrate hair follicle aging program

15:35-16:05 Dr. Toshiro Sato (Keio University School of Medicine)

**Title:** Lineage Tracing of Human Colon Organoids Visualizes Self-Renewal of LGR5+ Stem Cells in Tissue Environments

**16:35-18:25 Session 3 Inter-organ Communication and Aging**

16:35-17:05 Dr. Ichiro Manabe (Chiba University Graduate School of Medicine)

**Title:** A heart-brain-kidney network maintains homeostasis through tissue macrophage activation

17:05-17:30 Dr. Yumiko Oishi (Medical Research Institute, TMDU)

**Title:** Coordinated regulation of inflammatory response and lipid metabolism as a novel therapeutic target of metabolic disorders and atherosclerosis

17:30-17:55 Dr. Takayoshi Suganami (Research Institute of Environmental Medicine, Nagoya University)

**Title:** Obesity-induced "metabolic" tissue remodeling in adipose tissue and liver

17:55-18:25 Dr. Hideki Katagiri (Tohoku University Graduate School of Medicine)

**Title:** Aging and Neuronal Information Highways for Systemic Regulation of Glucose and Energy Metabolism

**18:25-18:30 Closing Remarks** Dr. Fumitoshi Ishino