

6th Symposium
Smart-Aging Research Center (S.A.R.C.)
in collaboration with
Open Innovation Strategy Organization
TOHOKU UNIVERSITY"

Date: February 27th Wed, 2019 9:00~17:20

Venue: International Conference Room, Center for Smart Ageing Research 1F,
Institute of Development, Aging and Cancer, Tohoku University

9:00-9:10	Opening Remarks
9:10-9:50	Lecture1 Impact of CNV genetic risk on Developmental brain disorders Yuto Hasegawa Postdoctoral Fellow, Department of Psychiatry, Johns Hopkins University School of Medicine (Dr. Atsushi Kamiya lab) Chair: Yasuhisa Matsui Professor, Cell Resource Center for Biomedical Research, Institute of Development, Aging and Cancer, Tohoku University
9:50-10:30	Lecture2 Dialogues between Distant Organs during Vaccination - Cellular and Molecular Communication - Motohiko Kadoki Research Fellow, Massachusetts General Hospital / The Broad Institute / Harvard Medical School Chair: Yasuhisa Matsui Professor, Cell Resource Center for Biomedical Research, Institute of Development, Aging and Cancer, Tohoku University
10:30-10:50	Coffee Break
10:50-11:30	Lecture3 Single-cell analysis of Bach2 function in immune responses Akihiko Muto Associate Professor, Department of Biochemistry, Tohoku University Graduate School of Medicine Chair: Toshiyuki Takai Professor, Department of Experimental Immunology Institute of Development, Aging and Cancer Tohoku University
11:30-12:10	Lecture4 Del-1 restrains osteoclastogenesis and inhibits inflammatory bone loss in periodontitis, rheumatoid arthritis and pneumonia of non-human primates Tomoki Maekawa Research Associate Professor, Niigata University, Japan. Member of Young Academy of Japan Chair: Toshiyuki Takai Professor, Department of Experimental Immunology Institute of Development, Aging and Cancer Tohoku University

12:10-13:30	Lunch
13:30-14:10	<p>Lecture5 Molecular basis for mammalian circadian clockwork Hikari Yoshitane Assistant Professor, Department of Biological Sciences, School of Science, The University of Tokyo Chair: Kozo Tanaka Professor, Department of Molecular Oncology, Institute of Development, Aging and Cancer, Tohoku University</p>
14:10-14:50	<p>Lecture6 Challenging boundaries in healthspan: Mechanisms of cellular senescence induction and maintenance Yoshikazu Johmura Assistant Professor, Institute of Medical Science, The University of Tokyo, Japan Chair: Kozo Tanaka Professor, Department of Molecular Oncology, Institute of Development, Aging and Cancer, Tohoku University</p>
14:50-15:30	<p>Lecture7 NAD⁺, Sirtuin and gut stem cell aging Masaki Igarashi Assistant Professor, Department of Diabetes and Metabolic Diseases, The University of Tokyo Hospital Chair: Kozo Tanaka Professor, Department of Molecular Oncology, Institute of Development, Aging and Cancer, Tohoku University</p>
15:30-15:50	Coffee Break
15:50-16:30	<p>Lecture8 Immune Aging Associates with a Progressive Loss of Chromatin Regulatory Factor TRIM28 on Immune Cells Shunsuke Chikuma Lecturer, Keio University School of Medicine (Dr. Akihiko Yoshimura lab) Chair: Koetsu Ogasawara Group Leader, Department of Biological Defense System, Smart-Aging Research Center, Tohoku University</p>
16:30-17:10	<p>Lecture9 tRNA modification in translational control and human diseases Fan-Yan Wei Associate Professor, Department of Molecular Physiology, Faculty of Life Sciences, Kumamoto University Chair: Koetsu Ogasawara Group Leader, Department of Biological Defense System, Smart-Aging Research Center, Tohoku University</p>
17:10-17:20	Closing Remarks