

第 147 回東北大学加齢医学研究所集談会 147th IDAC Biannual Meeting

日時:平成 29 年 2 月 3 日(金) 13:00 から

場所:加齢医学研究所スマート・エイジング国際共同研究センター 国際会議室

February 3, 2017, 13:00- Smart Ageing International Research Center 1F, IDAC

共催:東北大学加齢医学研究所 Institute of Development, Aging and Cancer, Tohoku University

東北大学加齢医学研究所研究会同窓会 Society of Institute of Development, Aging and Cancer, Tohoku University

13:00 Opening remarks Dr. Ryuta Kawashima

第 24 回加齢医学研究所研究奨励賞 授与式・受賞記念講演

24th IDAC Young Investigator Award Ceremony and Lecture

13:00-13:15 Ceremony Dr. Ryuta Kawashima

13:15-13:55 Lecture Chair: Dr. Hiroyuki Arai

Neural bases of the adaptive mechanisms associated with reciprocal partner choice

School of Medicine, Kobe University

Ryoichi Yokoyama

Challenges in visualizing tau pathology in alive patients with Alzheimer's disease and other tauopathies: Positron Emission Tomography (PET) study with ¹⁸F-THK5351.

Department of Geriatrics and Gerontology, Institute of Development, Aging and Cancer, Tohoku University

Aiko Ishiki

13:55-14:00 break

14:00-15:00 Sessions 1~4 Chair: the just-finished speaker

1. **IL-4 modulate the tumor microenvironment and response to cancer therapies**

Shukuei Ito¹, Hidekazu Shirota², Chikashi Ishioka^{1,2}

¹Department of clinical oncology, Institute of Development, Aging and Cancer, Tohoku University

²Department of medical oncology, Tohoku University Hospital

2. **Multilineage-differentiating stress enduring cells reduce acute lung ischemia-reperfusion injury**

Hiroshi Yabuki¹, Shohei Wakao², Yoshihiro Kushida², Mari Dezawa²,

Yoshinori Okada¹

¹Department of Thoracic Surgery, Institute of Development, Aging and Cancer, Tohoku University, Sendai, Miyagi, Japan

²Department of Stem cell Biology and Histology, Tohoku University Graduate School of Medicine, Sendai, Miyagi, Japan

3. **Molecular mechanism of CAMP for the maintenance of genomic stability**

Hiroki Fujita, Masanori Ikeda and Kozo Tanaka

Department of Molecular Oncology, Institute of Development, Aging and Cancer, Tohoku University

4. **Vasohibin-2 is required for epithelial-mesenchymal transition of ovarian cancer cells by modulating TGF- β signaling**

Rie Norita¹, Yasuhiro Suzuki¹, Kazuki Takahashi²,
Katarzyna A.Podyma-Inoue³, Tetsuro Watabe³, and Yasufumi Sato¹

¹Department of Vascular Biology, Institute of Development, Aging, and Cancer, Tohoku University,
Sendai, JAPAN

²Laboratory of Oncology, Graduate School of Life Sciences, Tokyo University of Pharmacy and Life
Sciences, Tokyo, JAPAN

³Department of Biochemistry, Graduate School of Medical and Dental Science, Tokyo Medical
and Dental University, Tokyo, JAPAN

15:00–15:10 Coffee break

15:10–16:25 Sessions 5~9 Chair: the just-finished speaker

5. **Molecular mechanisms underlying enhanced tumorigenesis of *NRF2*-addicted cancer cells**

Hiroshi Kitamura¹, Yoshiaki Onodera², Takashi Suzuki³, Hozumi Motohashi¹

¹Department of Gene expression Regulation, Institute of Development, Aging, and Cancer,
Tohoku University

²Department of Anatomic Pathology, Tohoku University Graduate school of Medicine

³Department of Pathology and Histotechnology, Tohoku University Graduate school of Medicine

6. **Identification of Interaction Molecule of Peptidylarginine Deiminase 4**

Tomohiro Kimura, Trin Dac Anh, Ryutaro Shirakawa, and Hisanori Horiuchi

Department of Molecular and Cellular Biology, Institute of Development, Aging and Cancer,
Tohoku University

7. **Position- and quantity-dependent responses in reflex behavior**

Keiko Umeda¹ and Wataru Shoji^{1,2}

¹Frontier Research Institute for Interdisciplinary Sciences, Tohoku University, Sendai, 9808578, Japan

²Department of Project Programs, Institute of Development, Aging and Cancer, Tohoku University,
Sendai, 9808575, Japan

8. **Analysis of the maintenance mechanism of plasma cells by bone marrow mesenchymal stem cells**

Atsuko Kayaba, Ari Itoh-Nakadai, Masanori Inui, Toshiyuki Takai

Department of Experimental Immunology, Institute of Development, Aging and Cancer, Tohoku University

9. **Comprehensive assessment of elderlies living in temporary housing after the Great East Japan Earthquake:social characteristics of local communities and health status**

Shoji Okinaga, Aiko Ishiki, Naoki Tomita, Hiroyuki Arai

Department of Geriatrics and Gerontology, Institute of Development, Aging and Cancer, Tohoku University

一般口演について

発表時間 12 分、討論 3 分とします。時間厳守にてお願いします。演者の方は次の口演の座長をお願いします。

16:25-16:30 Closing remarks Dr. Yasuyuki Taki

集談会終了後 18 時から研究会主催新年会 加齢研実験研究棟 7 階セミナー室 (1)