

第148回
東北大学加齢医学研究所

集談会

プログラム

**148th IDAC Biannual Meeting
Program**



日時：平成29年7月14日（金曜日）13:00～

場所：加齢医学研究所

スマート・エイジング研究棟1階 国際会議室

July 14, 2017, 13:00~ Center for Smart Ageing Research 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

1 、 Development of personalized effective dosimetry for radiation risk assessment and clinical applications

Hisanori Fukunaga^{1,2,3}, Akinari Yokoya², Yasuyuki Taki³ and Kevin M. Prise¹

¹Centre for Cancer Research and Cell Biology, Queen's University Belfast, Belfast, UK.

²Tokai Quantum Beam Science Center, National Institutes for Quantum and Radiological Science and Technology, Tokai, Ibaraki, Japan.

³Department of Nuclear Medicine and Radiology, Institute of Development, Aging and Cancer, Tohoku University, Sendai, Japan

2 、 Repression of somatic developmental genes by selective recruitment of HDAC3 by BLIMP1 is essential for mouse primordial germ cell fate determination

Kentaro Mochizuki^{1, 2, 5}, Tamotsu Sekinaka^{1, 2, 5}, Kei Otsuka¹,

Yumi Ito-Matsuoka¹, Hisato Kobayashi^{3, 5},

Tomohiro Kono^{4, 5} and Yasuhisa Matsui^{1, 2, 5, 6}

¹Cell Resource Center for Biomedical Research, Institute of Development, Aging and Cancer (IDAC), Tohoku University.

²Graduate School of Life Sciences, Tohoku University.

³NODAI Genome Research Center, Tokyo University of Agriculture.

⁴Department of BioScience, Tokyo University of Agriculture.

⁵Japan Agency for Medical Research and Development, Core Research for Evolutional Science and Technology (AMED-CREST).

⁶Center for Regulatory Epigenome and Diseases, Tohoku University School of Medicine.

3 、 Decoding satisfaction level of conversation from inter-subject correlation of resting-state networks

Shigeyuki Ikeda¹, Hyeonjeong Jeong² Yukako Sasaki³ Kohei Sakaki³,

Shohei Yamazaki² Takayuki Nozawa¹, Ryuta Kawashima^{1, 3}

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²Department of Human Brain Science, Institute of Development, Aging and Cancer, Tohoku University

³Department of Advanced Brain Science, Institute of Development, Aging and Cancer, Tohoku University

4 、 BRCA1-interacting protein OLA1 regulates centrosome amplification induced by DNA damage

Zhenzhou Fang, Huicheng Qi, Yuki Yoshino, Akihiro Kobayashi, Kazune Ohashi, Kazuha Shibdo, Natsuko Chiba, Department of Cancer Biology, Institute of Development, Aging and Cancer, Tohoku University.

5 、 Novel immunological approach for the treatment of metal allergy

Koyu Ito, Yoshiko Suto, Madoka Itabashi, Kouetu Ogasawara Department of Immunobiology, Institute of Development, Aging, and Cancer, Tohoku University

6 、 Do visual processes influence the accuracy of reading?

Yutaka Matsuzaki¹, Akihiro Kawasaki², Tomohito Okumura³, Yuko Ogino^{2, 4}, Makoto Nakanishi³

¹Division of Developmental Cognitive Neuroscience, Institute of Development, Aging and Cancer Tohoku University, Japan.

²Graduate School of Education, Tohoku University, Japan

³LD center, Osaka Medical College, Japan

⁴Yokohama Western Area Habilitation center For Children, Japan

14:35 – 14:50 *Coffee break*

14:50 – 16:05 Sessions 7~11 Chair: the just-finished speaker

7 、 Testing gaze bias generality with preference judgments by healthy young and older adults

Toshiki Saito^{1*}, Rui Nouchi^{1,2,3}, Hikari Kinjo⁴, Ryuta Kawashima¹

¹Division of Advanced Brain Science, Institute of Development, Aging and Cancer, Tohoku University, Sendai, Japan

²Creative Interdisciplinary Research Division, Frontier Research Institute for Interdisciplinary Science (FRIS), Tohoku University, Sendai, Japan

³Human and Social Response Research Division, International Research Institute of Disaster Science, Tohoku University, Sendai, Japan

⁴Faculty of Psychology, Department of Psychology, Meiji Gakuin University,
Tokyo, Japan

8 、 Afterload effects of Endovascular aortic stents on left ventricular function

Tomoya Arakawa¹, Yasuyuki Shiraishi², Yusuke Tsuboko³, Tomohiro Takano⁴,
Masumi Takano⁴, Tomoyuki Yambe⁵

¹Graduate School of Biomedical Engineering, Tohoku University

²Department of Pre-Clinical Evaluation ³TWIns Waseda University

⁴Fukushima Medical University

⁵Department of Medical Engineering and Cardiology, Institute of Development,
Aging and Cancer

9 、 Biomechanical Engineering Approach for an Implantable Artificial Esophageal Stent

Yasunori Taira¹, Yasuyuki Shiraishi², Yusuke Inoue¹, Akihiro Yamada¹,
Tomoya Arakawa³, Mitsuru Yuba³, Masato Karube³, Tatsuya Genda³,
Tomoyuki Yambe^{1, 2}

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Aging and Cancer

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³Graduate School of Biomedical Engineering, Tohoku University

1 0 、 Recent progress in photoacoustic imaging

Yoshifumi Saijo

Biomedical Imaging Laboratory, Graduate School of Biomedical Engineering,
Tohoku University

1 1 、 Brain mechanism of unconscious thought: Relationship between performance and content of thought

Tetsuya Kageyama¹, Kelssy H. dos S. Kawata¹, Ryuta Kawashima^{2, 3},
Motoaki Sugiura^{1, 4}

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Cancer (IDAC), Tohoku University, Sendai, Japan

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Institute of Disaster Science (IRIDeS), Tohoku University, Sendai, Japan

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。

16:05－16:10 Closing remarks Dr. Yasuyuki Taki

集談会終了後

加齢医学研究所研究会同窓会総会

17:30～ 園遊会

場 所：東北大学加齢医学研究所

スマート・エイジング研究棟 1階ホール