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東 北 大 学 加 齢 医 学 研 究 所

集談会

プログラム

**150th IDAC Biannual Meeting
Program**



日時：平成 30 年 7 月 20 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 20, 2018, 13:00~ Center for Smart Aging 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

13:00 — Opening remarks Dr. Ryuta Kawashima

13:05 — 13:50 Sessions 1~3 Chair: Shota Endo

1 、 Is dysfunction of sensory prediction in patients with schizophrenia related to symptom severity?

Koichi Abe^{1,2}, Tatsuo kikuchi², Kentaro Oba¹, Shinsuke Suzuki³, Ryo Ishibashi⁴, Tetsuya Kageyama¹, Kosuke Motoki¹, Shohei Yamazaki¹, Kazunori Matsumoto², Motoaki Sugiura^{1,5}, Kawashima ryuta¹, Matsuoka hiroo²

¹Department of Human Brain Science, Institute of Development, Aging and Cancer, Tohoku University,

²Department of Psychiatry, Tohoku University Graduate School of Medicine,

³Frontier Research Institute for Interdisciplinary Sciences,

⁴Smart-Aging Research Center, Tohoku University,

⁵Department of Disaster-Related Cognitive Science, International Research Institute of Disaster Science, Tohoku University

2 、 Pressure and Volumetric simulation of pulmonary circulation system using lung specimen for evaluation of Fontan support

Masato Karube¹, Yasuyuki Shiraishi², Akihiro Yamada², Yusuke Inoue², Aoi Fukaya¹, Tatuya Genda¹, Masaaki Yamagishi³, Yi Qian⁴ and Tomoyuki Yambe²

¹Graduate School of Biomedical Engineering, Tohoku University, Sendai, Japan

²Institute of Development, Aging and Cancer, Tohoku University, Sendai, Japan

³Kyoto Prefectural Medical University, Kyoto, Japan

⁴Macquarie University, Sydney, Australia

3 、 Improvement of unbiased amplification for analysis of immune receptors

Ryosuke Tashiro, Yohiko Suto, Koyu Ito, Madoka Itabashi, Kouetsu Ogasawara
Department of Immunobiology, Institute of Development, Aging, and Cancer (IDAC), Tohoku University

13:50 — 13:55 *break*

4 、 Longitudinal Interleukin-33 injection to APP^{swe}/PSEN1^{dE9} mice with longitudinal behavioural and MRI assessment

Ryan Browne¹, Rie Ryoke¹, Mitsunari Abe², Hiroi Nonaka¹, Masatoshi Hirobe¹, Ryuta Kawashima¹

¹Department of Functional Brain Imaging, Tohoku University, Sendai, Japan

²Department of Neurology, Fukushima Medical University, Fukushima, Japan

5 、 Increased gray matter volume of the right superior temporal gyrus in healthy children with autistic cognitive style: a VBM study

Akiko Kobayashi¹, Susumu Yokota², Hikaru Takeuchi³, Kohei Asano⁴, Michiko Asano^{1,5}, Yuko Sassa³, Yasuyuki Taki⁶, Ryuta Kawashima^{1,3},

¹Department of Advanced Brain Science, Institute of Development, Aging and Cancer, Tohoku University

²Faculty of art and science, Kyushu University

³Division of Developmental Cognitive Neuroscience, Institute of Development, Aging and Cancer, Tohoku University

⁴Kokoro Research Center, Kyoto University

⁵Global Research Center for Logic and Sensibility, Keio University

⁶Department of Nuclear Medicine and Radiology, Institute of Development, Aging and Cancer, Tohoku University

6 、 Photoacoustic imaging contrast agent

Syahril Siregar and Yoshifumi Saijo

Graduate school of biomedical engineering, Tohoku University Sendai Japan.

14:40 – 14:55 *Coffee break*

7 、 Identification of the X-linked germ cell specific miRNAs (XmiRs) and their functions

Hiromitsu Ota, Yumi Ito-Matsuoka, Yasuhisa Matsui

Cell Resource Center for Biomedical Research, Institute of Development, Aging and Cancer, Tohoku University

8、Over expression of BRCA1-interracting protein BIP2 induces centrosome amplification by activation of Aurora A-PLK1 axis.

Akihiro Kobayashi, Yuki Yoshino, Zhenghao Chen, Shino Endo, Huicheng Qi, Zhenzhou Fang, and Natsuko Chiba

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

9、Effects of the (Pro)renin receptor gene polymorphism on brain structure and cognitive function

Tomoko Totsune¹, Kazuhito Totsune², Manabu Nakagawa^{1,3}, Hikaru Takeuchi⁵, Hiroaki Tomita⁴, Ryuta Kawashima⁶, Yasuyuki Taki¹

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³Kousei Sendai Clinic, Sendai, Miyagi, Japan

⁴Dept. of Disaster Psychiatry, IRIDS, Tohoku University, Japan

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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。

座長は研究員会委員の集談会コンテスト係が行ないます。

15:40 – 15:45 Closing remarks Dr. Hozumi Motohashi

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