

いわて東北メディカル・メガバンク機構

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
清水 厚志	いわて東北メディカル・メガバンク機構	特命教授	博士（理学）	人類遺伝学 基礎ゲノム科学 分子生物学	<p>Komaki S., Shiwa Y., Furukawa R., Hachiya T., Ohmomo H., Otomo R., Satoh M., Hitomi J., Sobue K., Sasaki M. and Shimizu A.: iMETHYL: an integrative database of human DNA methylation, gene expression, and genomic variation. <i>Human Genome Variation</i>, 5, 18008 (2018)</p> <p>Yamamoto K., Hachiya T., Fukushima A., Nakaya N., Okayama A., Tanno K., Aizawa F., Tokutomi T., Hozawa A. and Shimizu A.: Population-based biobank participants' preferences for receiving genetic test results. <i>J. Hum Genet.</i>, (2017).</p> <p>Hachiya T., Furukawa R., Shiwa Y., Ohmomo H., Ono K., Katsuoka F., Nagasaki M., Yasuda J., Fuse N., Kinoshita K., Yamamoto M., Tanno K., Satoh M., Endo R., Sasaki M., Sakata K., Kobayashi S., Ogasawara K., Hitomi J., Sobue K., Shimizu A.: Genome-wide identification of inter-individually variable DNA methylation sites improves the efficacy of epigenetic association studies. <i>Genomic Medicine</i>, 2:11 (2017)</p> <p>Hachiya T., Kamatani Y., Takahashi A., Hata J., Furukawa R., Shiwa Y., Yamaji T., Hara M., Tanno K., Ohmomo H., Ono K., Takashima N., Matsuda K., Wakai K., Sawada N., Iwasaki M., Yamagishi K., Ago T., Ninomiya T., Fukushima A., Hozawa A., Minegishi N., Satoh M., Endo R., Sasaki M., Sakata K., Kobayashi S., Ogasawara K., Nakamura M., Hitomi J., Kita Y., Tanaka K., Iso H., Kitazono T., Kubo M., Tanaka H., Tsugane S., Kiyohara Y., Yamamoto M., Sobue K., Shimizu A. Genetic Predisposition to Ischemic Stroke: A Polygenic Risk Score. <i>Stroke</i>. 48:253-258. (2017).</p> <p>清水厚志, 坊農秀雅監修. 細胞工学別冊 次世代シーケンサーDRY解析教本, 東京: 秀潤社, (2015)</p>

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小巻 翔平	いわて東北メディカル・メガバンク機構	特命助教	博士（理学）	進化生物学関連 多様性生物学および分類学関連 生態学および環境学関連	<p><u>Komaki S.</u>, Igawa T., Lin S-M., Tojo K., Min M-S., Sumida M. (2015) Robust molecular phylogeny and palaeodistribution modelling resolve a complex evolutionary history: glacial cycling drove recurrent mtDNA introgression among <i>Pelophylax</i> frogs in East Asia. <i>Journal of Biogeography</i>. 42:2159-2171.</p> <p><u>Komaki S.</u>, Lin S-M., Nozawa M., Oumi S., Sumida M., Igawa T. (2017) Fine-scale demographic processes resulting from multiple overseas colonization events of the Japanese Stream gree frog, <i>Buergeria japonica</i>. <i>Journal of Biogeography</i>. 44: 1586-1597.</p> <p>Wang Y-H., Hsiao Y-W., Lee K-H., Lin Y-P., <u>Komaki S.</u>, Lin S-M. (2017) Acoustic differentiation and behavioral response reveals cryptic speciation within <i>Buergeria</i> tree frogs (Anura, Rhacophoridae) from Taiwan. <i>PLOS ONE</i>. 12: e184005.</p> <p><u>Komaki S.</u>, Shiwa Y., Furukawa R., Hachiya T., Ohmomo H., Otomo R., Satoh M., Hitomi J., Sobue K., Sasaki M., Shimizu A. (2018) iMETHYL: an integrative database of human DNA methylation, gene expression, and genomic variation. <i>Human Genome Variation</i>. 5: 18008.</p>

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大崎 拓也	いわて東北メディカル・メガバンク機構	特命助教		循環内科学	Takuya Osaki, Mamoru Satoh, Yuji Takahashi, Kozo Tanno, Takahito Nasu, Kiyomi Sakata, Motoyuki Nakamura, Yoshihiro Morino, Atsushi Hozawa, Hideyasu Kiyomoto. Relationship between Cystatin C-based Estimated GFR and Biomarkers of Cardiovascular Disease in a General Population: The Tohoku Medical Megabank Project :The 81st Annual Scientific Meeting of the Japanese Circulation Society. March 17-19, 2017
事崎 由佳	いわて東北メディカル・メガバンク機構	特命助教	博士 (情報科学)	応用健康科学 臨床心理学 疫学・予防医学	<p>Takeuchi H, Taki Y, Nouchi R, Yokoyama R, <u>Kotozaki Y</u>, Nakagawa S, Sekiguchi A, Iizuka K, Yamamoto Y, Hanawa S, Araki T, Miyauchi CM, Shinada T, Sakaki K, Nozawa T, Ikeda S, Yokota S, Daniele M, Sassa Y, Kawasima R. Shorter sleep duration and better sleep quality are associated with greater tissue density in the brain. Sci Rep. 2018;8:5833.</p> <p>Sekiguchi A, Sato C, Matsudaira I, <u>Kotozaki Y</u>, Nouchi R, Takeuchi H, Kawai M, Tada H, Ishida T, Taki Y, Ohuchi N, Kawashima R. Postoperative hormonal therapy prevents recovery of neurological damage after surgery in patients with breast cancer. Sci Rep. 2016;6:34671.</p> <p>Sekiguchi A, <u>Kotozaki Y</u>, Sugiura M, Nouchi R, Takeuchi H, Hanawa S, Nakagawa S, Miyauchi CM, Araki T, Sakuma A, Taki Y, Kawashima R. Resilience after 3/11: structural brain changes 1 year after the Japanese earthquake. Mol Psychiatry. 2015 May;20(5):553-554.</p> <p><u>Kotozaki Y</u>, Takeuchi H, Sekiguchi A, Araki T, Takahashi K, Yamamoto Y, Nozawa T, Taki Y, Kawashima R. Positive effects of the victim by the growing of plants after great east japan earthquake. International Journal of Recent Scientific Research. 2015 6(2):2850-2858.</p> <p><u>Kotozaki Y</u>, Takeuchi H, Sekiguchi A, Yamamoto Y, Shinada T, Araki T, Takahashi K, Taki Y, Ogino T, Kiguchi M, Kawashima R. Biofeedback-based training for stress management in daily hassles: An intervention study. Brain Behav. 2014 Jul;4(4):566-579.</p>