

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 <u>Shimizu A.</u>: 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., <u>Shimizu A.</u>: 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., <u>Shimizu A.</u> Genetic Predisposition to Ischemic Stroke: A Polygenic Risk Score. <i>Stroke</i>. 48:253-258. (2017).</p> <p><u>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)</u></p>

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大桃 秀樹	いわて東北メディカル・メガバンク機構	特命講師	博士 (神経科学)	神経生理学・神経科学一般 解剖学一般(含組織学・発生学) 分子生物学	<p>Takahashi Y., Satoh M., <u>Ohmomo H.</u>, Tanaka F., Osaki T., Tanno K., Nasu T., Sakata K., Morino Y., Sobue K., Sasaki M. Association between high-sensitivity cardiac troponin T and future cardiovascular incidence in a general Japanese population: results from the Tohoku medical megabank project. <i>Biomarkers</i>. 24:566-573 (2019).</p> <p>Hachiya T., Narita A., <u>Ohmomo H.</u>, Sutoh Y., Komaki S., Tanno K., Satoh M., Sakata K., Hitomi J., Nakamura M., Ogasawara K., Yamamoto M., Sasaki M., Hozawa A., Shimizu A. Genome-wide analysis of polymorphism × sodium interaction effect on blood pressure identifies a novel 3'-BCL11B gene desert locus. <i>Sci Rep</i>. 8:14162. (2018).</p> <p>Komaki S., Shiwa Y., Furukawa R., Hachiya T., <u>Ohmomo H.</u>, Otomo R., Satoh M., Hitomi J., Sobue K., Sasaki M., Shimizu A.: iMETHYL: an integrative database of human DNA methylation, gene expression, and genomic variation. <i>Hum Genome Var</i>. 5:18008. (2018).</p> <p>Hachiya T[#], Furukawa R[#], Shiwa Y[#], <u>Ohmomo H[#]</u>, 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>NPJ Genomic Medicine</i>, 2:11 (2017). #. Contributed equally</p> <p>Hachiya T, Komaki S, Hasegawa Y, <u>Ohmomo H.</u> Tanno K, Hozawa A, Tamiya G, Yamamoto M, Ogasawara K, Nakamura M, Hitomi J, Ishigaki Y, Sasaki M, Shimizu A. Genome-wide meta-analysis in Japanese populations identifies novel variants at the TMC6-TMC8 and SIX3-SIX2 loci associated with HbA1c. <i>Sci Rep</i>. 7:16147. (2017)</p>

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須藤 洋一	いわて東北メディカル・メガバンク機構	特命助教	博士（医学）	免疫学 進化生物学 分子生物学	<p>Nishiyama, T., Nakatochi, M., Goto, A., Iwasaki, M., Hachiya, T., <u>Sutoh, Y.</u>, Shimizu, A., Wang, C., Tanaka, H., Watanabe, M., Hosono, A., Tamai, Y., Yamada, T., Yamaji, T., Sawada, N., Fukumoto, K., Otsuka, K., Tanno, K., Tomita, H., Kojima, K., Nagasaki, M., Hozawa, A., Hishida, A., Sasakabe, T., Nishida, Y., Hara, M., Ito, H., Oze, I., Nakamura, Y., Mikami, H., Ibusuki, R., Takezaki, T., Koyama, T., Kuriyama, N., Endoh, K., Kuriki, K., Turin, T.C., Naoyuki, T., Katsuura-Kamano, S., Uemura, H., Okada, R., Kawai, S., Naito, M., Momozawa, Y., Kubo, M., Sasaki, M., Yamamoto, M., Tsugane, S., Wakai, K., Suzuki, S. : Genome-wide association meta-analysis and Mendelian randomization analysis confirm the influence of ALDH2 on sleep duration in the Japanese population. <i>Sleep</i> 42. (2019)</p> <p>Shimano, C., Hachiya, T., Hara, M., Nishida, Y., Tanaka, K., <u>Sutoh, Y.</u>, Shimizu, A., Hishida, A., Kawai, S., Okada, R., Tamura, T., Matsuo, K., Ito, H., Ozaki, E., Matsui, D., Ibusuki, R., Shimoshikiryo, I., Takashima, N., Kadota, A., Arisawa, K., Uemura, H., Suzuki, S., Watanabe, M., Kuriki, K., Endoh, K., Mikami, H., Nakamura, Y., Momozawa, Y., Kubo, M., Nakatochi, M., Naito, M., Wakai, K. : A genome-wide association study of coping behaviors suggests FBX045 is associated with emotional expression. <i>Genes Brain Behav.</i> 18, e12481. (2019)</p> <p><u>Sutoh, Y.</u>, Mohamed, R. H., & Kasahara, M. (2018). Origin and evolution of dendritic epidermal T cells. <i>Frontiers in immunology</i>, 9, 1059.</p> <p>Das, S., <u>Sutoh, Y.</u>, Hirano, M., Han, Q., Li, J., Cooper, M.D., and Herrin, B.R. Characterization of Lamprey BAFF-like Gene: Evolutionary Implications. / <i>J. Immunol.</i> 197, 2695-2703 (2016).</p>
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	<p>Takuya Osaki, Mamoru Satoh, Fumitaka Tanaka, Kozo Tanno, Yuji Takahashi, Takahito Nasu, Kiyomi Sakata, Yoshihiro Morino. Cystatin C-based Estimated Glomerular Filtration Rate for a Cardiovascular Assessment in a General Japanese Population: The Iwate Tohoku Medical Megabank Project. The 83rd Annual Scientific Meeting of the Japanese Circulation Society. March 29-31, 2019.</p> <p>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</p>
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)	臨床心理学関連 認知脳科学関連 衛生学および公衆衛生学分野関連：実験系を含まない	<p>Nakagawa S, Takeuchi H, Taki Y, Nouchi R, <u>Kotozaki Y</u>, Shinada T, Maruyama T, Sekiguchi A, Iizuka K, Yokoyama R, Yamamoto Y, Hanawa S, Araki T, Miyauchi CM, Magistro D, Sakaki K, Jeong H, Sasaki Y, Kawashima R. Mean diffusivity related to rule-breaking guilt: the Macbeth effect in the sensorimotor regions. Sci Rep. 9: 12227 (2019)</p> <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, Sassa Y, Nozawa T, Ikeda S, Yokota S, Daniele M, Kawashima R. Empathizing associates with mean diffusivity. Sci Rep. 9: 8856 (2019)</p> <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, Sakaki K, Nozawa T, Ikeda S, Yokota S, Daniele M, Sassa Y, Kawashima R. Association of copper levels in the hair with gray matter volume, mean diffusivity, and cognitive functions. Brain Structure and Function. 224: 1203-1217 (2019)</p> <p>Takeuchi H, Taki Y, Nouchi R, Yokoyama R, <u>Kotozaki Y</u>, Nakagawa S, Sekiguchi A, Iizuka K, Hanawa S, Araki T, Miyauchi CM, Sakaki K, Sassa Y, Nozawa T, Ikeda S, Yokota S, Daniele M, Sassa Y, Kawashima R. The effects of family socioeconomic status on psychological and neural mechanisms as well as their sex differences. Frontiers in Human Neuroscience. 12: 543 (2019)</p> <p>Nakagawa S, Takeuchi H, Taki Y, Nouchi R, <u>Kotozaki Y</u>, Shinada T, Maruyama T, Sekiguchi A, Iizuka K, Yokoyama R, Yamamoto Y, Hanawa S, Araki T, Miyauchi CM, Magistro D, Sakaki K, Jeong H, Sasaki Y, Kawashima R. Mean diffusivity related to collectivism among university students in Japan. Sci Rep. 9(1): 1338 (2019)</p>