

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
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	博士（医学）	循環内科学	<p>Takuya Osaki, Mamoru Satoh, Fumitaka Tanaka, Kozo Tanno, Yuji Takahashi, Takahito Nasu, Kiyomi Sakata, Yoshihiro Morino, Kenji Sobue, and Makoto Sasaki. The Value of a Cystatin C-based Estimated Glomerular Filtration Rate for Cardiovascular Assessment in a General Japanese Population: Results From the Iwate Tohoku Medical Megabank Project. <i>J Epidemiol</i> 2020;30(6):260-267.</p> <p>Takuya Osaki, Mamoru Satoh, Fumitaka Tanaka, Kozo Tanno, Yuji Takahashi, Takahito Nasu, Kiyomi Sakata, Yoshihiro Morino. The Longitudinal Changes in Cystatin C-based Estimated Glomerular Filtration Rate is Associated to Cardiovascular Events in a General Japanese Population. The 84th Annual Scientific Meeting of the Japanese Circulation Society. July 27-August 2, 2020.</p> <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 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>Takeuchi H, Taki Y, Nouchi R, Yokoyama R, <u>Kotozaki Y</u>, Nakagawa S, Sekiguchi A, Iizuka K, Hanawa S, Araki T, Miyauchi CM, Kohei Sakaki, Nozawa T, Ikeda S, Susum Yokota, Daniele Magistro, Yuko Sassa, Ryuta Kawashima Succeeding in deactivating: associations of hair zinc levels with functional and structural neural mechanisms. <i>Sci rep.</i> 10(1) e12364. (2020)</p> <p>Takeuchi H*, Magistro D*, <u>Kotozaki Y</u>, Motoki K, Kashkouli NK, Nouchi R, Jeong HJ, Sato C, Sessa S, Nagatomi R, Zecca M, Takanishi A, Kawashima R Effects of Simultaneously Performed Dual-Task Training with Aerobic Exercise and Working Memory Training on Cognitive Functions and Neural Systems in the Elderly. <i>NEURAL PLASTICITY.</i> 1-17. (2020) *: equally contributed author</p> <p><u>Kotozaki Y</u>. The Gardening Activities to Reduce Postpartum Stress in Japanese Postpartum Women: Preliminary Evidence from Pilot Single-Arm Trial Study. <i>Research Square.</i> doi: 10.21203/rs.3.rs-29706/v1 (2020)</p> <p><u>Kotozaki Y</u>, Tanno K, Otsuka K, Sasaki R, Takanashi N, Mikami T, Nakamura T, Hozawa A, Asahi K, Satoh M, Shimizu A, Ishigaki Y, Sakata K, Sasaki M. The Association Between Social Isolation and Metabolic Syndrome in Japanese Adults: The Tohoku Medical Megabank Project. <i>Circulation.</i> 141(Suppl_1). (2020)</p> <p>Nakagawa S, Sugiura M, Sekiguchi A, <u>Kotozaki Y</u>, Miyauchi CM, Hanawa S, Araki T, Sakuma A, Kawashima R. The pitfall of empathic concern with chronic fatigue after a disaster in young adults. <i>BMC psychiatry.</i> 19(1) e338. (2019)</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>Hozawa A, Tanno K, Nakaya N, Nakamura T, Tsuchiya N, Hirata T, Narita A, Kogure M, Nochioka K, Sasaki R, Takanashi N, Otsuka K, Sakata K, Kuriyama S, Kikuya M, Tanabe O, Sugawara J, Suzuki K, Suzuki Y, Kodama EN, Fuse N, Kiyomoto H, Tomita H, Uruno A, Hamanaka Y, Metoki H, Ishikuro M, Obara T, Kobayashi T, Kitatani K, Takai-Igarashi T, Ogishima S, Satoh M, <u>Ohmomo H</u>, Tsuboi A, Egawa S, Ishii T, Ito K, Ito S, Taki Y, Minegishi N, Ishii N, Nagasaki M, Igarashi K, Koshihara S, Shimizu R, Tamiya G, Nakayama K, Motohashi H, Yasuda J, Shimizu A, Hachiya T, Shiwa Y, Tominaga T, Tanaka H, Oyama K, Tanaka R, Kawame H, Fukushima A, Ishigaki Y, Tokutomi T, Osumi N, Kobayashi T, Nagami F, Hashizume H, Arai T, Kawaguchi Y, Higuchi S, Sakaida M, Endo R, Nishizuka S, Tsuji I, Hitomi J, Nakamura M, Ogasawara K, Yaegashi N, Kinoshita K, Kure S, Sakai A, Kobayashi S, Sobue K, Sasaki M, Yamamoto M. Study profile of The Tohoku Medical Megabank Community-Based Cohort Study. <i>J Epidemiol.</i> (2020) [Epub ahead of print]</p> <p>Nasu T, Satoh M, <u>Ohmomo H</u>, Shiwa Y, Komaki S, Ono K, Shimizu A, Taguchi S, Takahashi Y, Osaki T, Morino Y, Sobue K, Sasaki M. Epigenome-Wide Association Study Identifies a Novel DNA Methylation in Patients With Severe Aortic Valve Stenosis. <i>Circ Genom Precis Med.</i> 13:e002649 (2020).</p> <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>
梅影 創	いわて東北メディカル・メガバンク機構	特命講師	博士 (生命科学)	分子生物学 生化学 微生物学	<p><u>Umekage S.*</u>, Kikuchi Y., <i>In vitro</i> and <i>in vivo</i> production and purification of circular RNA aptamer. <i>J. Biotechnol.</i> 139(4),265-272 (2009)</p> <p><u>Umekage S.*</u>, Kikuchi Y., <i>In vivo</i> circular RNA production using a constitutive promoter for high-level expression. <i>J. Biosci. Bioeng.</i> 108(4), 354-356 (2009)</p> <p>Kikuchi Y., <u>Umekage S.</u>, Extracellular nucleic acids of the marine bacterium <i>Rhodovulum sulfidophilum</i> and recombinant RNA production technology using bacteria. <i>FEMS Microbiol. Lett.</i> 365(3),1-9 (2018)</p> <p>Arashida N., Shimbo K.*, Terada T., Okimi T., Kikuchi Y., Hashiro S., <u>Umekage S.*</u>, Yasueda H. Identification of novel long chain N-acylhomoserine lactones of chain length C 20 from the marine phototrophic bacterium <i>Rhodovulum sulfidophilum</i>. <i>Biosci. Biotechnol. Bioeng.</i> 82(10),1683-1693 (2018)</p> <p>日本生化学会中部支部奨励賞(2014)</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>Nishida, Y., Hachiya, T., Hara, M., Shimano, C., Tanaka, K., <u>Sutoh, Y.</u>, Shimizu, A., Hishida, A., Tsukamoto, M., Kadomatsu, Y., Oze, I., Koyanagi, Y.N., Kuriyama, N., Koyama, T., Ibusuki, R., Takezaki, T., Ikezaki, H., Furusyo, N., Takashima, N., Kadota, A., Uemura, H., Katsuura-Kamano, S., Suzuki, S., Nakagawa-Senda, H., Kuriki, K., Mikami, H., Nakamura, Y., Momozawa, Y., Kubo, M., Nakatochi, M., Naito, M., Wakai, K., Japan Multi-Institutional Collaborative Cohort Study Group. The interaction between ABCA1 polymorphism and physical activity on the HDL-cholesterol levels in a Japanese population. <i>J. Lipid Res.</i> 61, 86–94. (2020)</p> <p>Das, S., <u>Sutoh, Y.</u>, Cancro, M.P., Rast, J.P., Han, Q., Bommakanti, G., Cooper, M.D., Hirano M., : Ancient BCMA-like Genes herald B cell regulation in lampreys. <i>J Immunol.</i> (2019)</p> <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., Shimoshikiryō, 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 FBXO45 is associated with emotional expression. <i>Genes Brain Behav.</i> 18, e12481. (2019)</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 多様性生物学 生態学	<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 green 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> <p><u>Komaki S.</u>, Sutoh Y., Kobayashi K, Saito S, Saito Tanaka C, Igawa T, Lau Q (2020) Hot spring frogs (<i>Buergeria japonica</i>) prefer cooler water to hot water. <i>Ecology and Evolution</i>. Early View.</p>

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吉田 明子	いわて東北メディカル・メガバンク機構	特命助教	修士（医科学、理学）	遺伝学 分子生物学	<p>Tokutomi T., <u>Yoshida A.</u>, Fukushima A., Yamamoto K., Nakayama F., Katsube Y., Obata K., Kataoka I., Sasaki M. : An attempt of family information collection and analysis using the family health history tools in a Japanese cohort study / American College of Medical Genetics and Genomics Annual Clinical Genetics Meeting. (2020)</p> <p>吉田明子, 徳富智明, 福島明宗, 山本佳世乃, 中山文予, 勝部暢介, 佐々木真理, 東北メディカル・メガバンク計画：コホート研究における家族歴ツールを用いた家系情報収集と解析の試み / 第64回日本人類遺伝学会大会. (2019)</p> <p>徳富 智明, 吉田 明子, 福島 明宗, 中山 文予, 山本 佳世乃, 小畑 慶子, 勝部 暢介, 片岡 郁美, 大桃 秀樹, 丹野 高三, 石垣 泰, 旭 浩一, 小笠原 邦昭, 佐々木 真理, 東北メディカル・メガバンク計画：多因子疾患の発症リスク回付とリスク理解に関するパイロット研究のデザインと展望 / 第64回日本人類遺伝学会大会. (2019)</p> <p>徳富 智明, 吉田 明子, 福島 明宗, 山本 佳世乃, 石垣 泰, 川目 裕, 布施 昇男, 長神 風二, 鈴木 吉也, 宇留野 晃, 櫻井 美佳, 沼田 早苗, 中山 文予, 山本 雅之, 佐々木 真理, 遺伝教育は血縁者の健康管理のために自身の遺伝学的検査結果を共有する意識を強くする / 第43回日本遺伝カウンセリング学会学術集会. (2019)</p> <p>Fukushima A., <u>Yoshida A.</u>, Yamamoto K., Shimizu A., Mika S., Uruno A., Fuse N., Nagami F., Suzuki K, Suzuki Y., Kawame H., Tokutomi T., Takebe N., Ishigaki Y. : Survey of Knowledge Related to Genetic Information and Familial Hypercholesterolemia and the Effect of a Genetic workshop Before the Return of Genomic Results in Japan / American College of Medical Genetics and Genomics Annual Clinical Genetics Meeting. (2019)</p>