

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
須藤 洋一	いわて東北 メディカル・ メガバンク機構	特命准教授	博士（医学）	免疫学 進化生物学 分子生物学	<p>①Nasu, T., Satoh, M., Hachiya, T., <u>Sutoh, Y.</u>, Ohmomo, H., Hitomi, S., Taguchi, S., Kikuchi, H., Kobayashi, T., Takahashi, Y., Osaki, T., Morino, Y., Sobue, K., Shimizu, A., Sasaki, M., 2021. A genome-wide association study for highly sensitive cardiac troponin T levels identified a novel genetic variation near a RBAK-ZNF890P locus in the Japanese general population. Int J Cardiol 329, 186–191. <a href="https://doi.org/10.1016/j.ijcard.2020.12.019">https://doi.org/10.1016/j.ijcard.2020.12.019</a></p> <p>②<u>Sutoh, Y.</u>, Hachiya, T., Suzuki, Y., Komaki, S., Ohmomo, H., Kakisaka, K., Wang, T., Takikawa, Y., Shimizu, A., 2020. ALDH2 genotype modulates the association between alcohol consumption and AST/ALT ratio among middle-aged Japanese men: a genome-wide G × E interaction analysis. Sci Rep 10, 16227. <a href="https://doi.org/10.1038/s41598-020-73263-1">https://doi.org/10.1038/s41598-020-73263-1</a></p> <p>③Suzuki, S., Goto, A., Nakatochi, M., Narita, A., Yamaji, T., Sawada, N., Katagiri, R., Iwagami, M., Hanyuda, A., Hachiya, T., <u>Sutoh, Y.</u>, Oze, I., Koyanagi, Y.N., Kasugai, Y., Taniyama, Y., Ito, H., Ikezaki, H., Nishida, Y., Tamura, T., Mikami, H., Takezaki, T., Suzuki, S., Ozaki, E., Kuriki, K., Takashima, N., Arisawa, K., Takeuchi, K., Tanno, K., Shimizu, A., Tamiya, G., Hozawa, A., Kinoshita, K., Wakai, K., Sasaki, M., Yamamoto, M., Matsuo, K., Tsugane, S., Iwasaki, M., 2021. Body mass index and colorectal cancer risk: A Mendelian randomization study. Cancer Sci 112, 1579–1588. <a href="https://doi.org/10.1111/cas.14824">https://doi.org/10.1111/cas.14824</a></p> <p>④Zempo, H., Kim, S.-J., Fuku, N., Nishida, Y., Higaki, Y., Wan, J., Yen, K., Miller, B., Vicinanza, R., Miyamoto-Mikami, E., Kumagai, H., Naito, H., Xiao, J., Mehta, H.H., Lee, C., Hara, M., Patel, Y.M., Setiawan, V.W., Moore, T.M., Hevener, A.L., <u>Sutoh, Y.</u>, Shimizu, A., Kojima, K., Kinoshita, K., Arai, Y., Hirose, N., Maeda, S., Tanaka, K., Cohen, P., 2021. A pro-diabetogenic mtDNA polymorphism in the mitochondrial-derived peptide, MOTS-c. Aging (Albany NY) 13, 1692–1717. <a href="https://doi.org/10.18632/aging.202529">https://doi.org/10.18632/aging.202529</a></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	博士(医学)	循環内科学	<p>①High-Output Heart Failure Caused by Femoral Arteriovenous Fistula 27 Years After Trauma. Yuki Matsumoto, MD; Keiko Tsuji, MD; <u>Takuya Osaki, MD</u>; Shigeto Tsuji, MD; Junichi Tsuboi, MD; Hajime Kin, MD; Yoshihiro Morino, MD. VASCULAR DISEASE MANAGEMENT 2021;18(4):E52-E55.</p> <p>②Impact of the Great East Japan Earthquake and Tsunami on the Incidence of Takotsubo Syndrome Using a Multicenter, Long-Term Regional Registry. Tomonori Itoh, MD; Nozomu Toda, MD; Michiko Yoshizawa, MD; <u>Takuya Osaki, MD</u>; Yuko Maegawa, MD; Reisuke Yoshizawa, MD; Yu Ishikawa, MD; Osamu Nishiyama, MD; Satoshi Nakajima, MD; Motoyuki Nakamura, MD; Yoshihiro Morino, MD Circ J. 2021 Sep 24;85(10):1834-1839. doi: 10.1253/circj.CJ-20-1044. Epub 2021 Jun 12.</p> <p>③Impact of East Japan Earthquake Disaster with Massive Tsunami for Prevalence of Takotsubo Syndrome -A Multicenter Regional Registry before and after East Japan Earthquake Disaster European Society of Cardiology Congress 2020. Tomonori Itoh MD, Nozomu Toda MD, <u>Takuya Osaki MD</u>, Yuko Maegawa MD, Reisuke Yoshizawa MD, Yu Ishikawa MD Osamu Nishiyama MD, Michiko Yoshizawa MD, Satoshi Nakajima MD, Motoyuki Nakamura MD, Yoshihiro Morino MD. On-Demand :28 Aug 2020.</p> <p>④Association between high-sensitivity cardiac troponin T and future cardiovascular incidence in a general Japanese population: Results from the Tohoku Medical Megabank Project Yuji Takahashi, Mamoru Satoh, Hideki Ohmomo, Fumitaka Tanaka, <u>Takuya Osaki</u>, Kozo Tanno, Takahito Nasu, Kiyomi Sakata, Yoshihiro Morino, Kenji Sobue &amp; Makoto Sasaki Biomarkers. Accepted author version posted online: 12 Apr 2019.</p> <p>⑤<u>Takuya Osaki</u>, 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>

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山崎 弥生	いわて東北 メディカル・ メガバンク機構	特命助教	博士（獣医学）	獣医内科学（血液 病・人獣共通感染 症） 分子生物学	<p>①Sakashita T, Nakamura Y, Sutoh Y, Shimizu A, Hachiya T, Otsuka-Yamasaki Y, Takashima N, Kadota A, Miura K, Kita Y, Ikezaki H, Otonari J, Tanaka K, Shimano C, Koyama T, Watanabe I, Suzuki S, Nakagawa-Senda H, Hishida A, Tamura T, Kato Y, Okada R, Kuriki K, Katsuura-Kamano S, Watanabe T, Tanoue S, Koriyama C, Oze I, Koyanagi YN, Nakamura Y, Kusakabe M, Nakatochi M, Momozawa Y, Wakai K, Matsuo K. Comparison of the loci associated with HbA1c and blood glucose levels identified by a genome-wide association study in the Japanese population. Diabetol Int. 2023 Jan 27;14(2):188-198. doi: 10.1007/s13340-023-00618-0. PMID: 37090135; PMCID: PMC10113415.</p> <p>②Ohbe H, Hachiya T, Yamaji T, Nakano S, Miyamoto Y, Sutoh Y, Otsuka-Yamasaki Y, Shimizu A, Yasunaga H, Sawada N, Inoue M, Tsugane S, Iwasaki M; Japan Public Health Center-based Prospective Study Group. Development and validation of genome-wide polygenic risk scores for predicting breast cancer incidence in Japanese females: a population-based case-cohort study. Breast Cancer Res Treat. 2023 Feb;197(3):661-671. doi: 10.1007/s10549-022-06843-6. Epub 2022 Dec 20. PMID: 36538246.</p> <p>③Chen Y, Miyazono K, Otsuka Y., Kanamori M, Yamashita A, Arashiki N, Matsumoto T, Takada K, Sato K, Mohandas N, Inaba M. Membrane skeleton hyperstability due to a novel alternatively spliced 4.1R can account for ellipsoidal camelid red cells with decreased deformability. The Journal of biological chemistry 2023 Feb;299(2):102877. doi: 10.1016/j.jbc.2023.102877. PMID: 36621628.</p> <p>④Komaki S, Nagata M, Arai E, Otomo R, Ono K, Abe Y, Ohmomo H, Umekage S, Shinozaki O-N, Hachiya T, Sutoh Y, Otsuka-Yamasaki Y, Arai Y, Hirose N, Yoneyama A, Okano H, Sasaki M, Kanai Y, Shimizu A. Epigenetic profile of Japanese supercentenarians: a cross-sectional study. Lancet Healthy Longev. 2:e83 (2023).</p>
楠 詩織	いわて東北 メディカル・ メガバンク機構	特命助教	博士（農学）	生殖内分泌学 神経内分泌学 繁殖生物学	<p>①Park CJ, Minabe S, Hess RA, Lin PP, Zhou S, Bashir ST, Barakat R, Gal A, and Ko CJ. (2023) Single neonatal estrogen implant sterilizes female animals by decreasing hypothalamic KISS1 expression. Sci Rep. 13:9627.</p> <p>②Minabe S, Iwata K, Watanabe Y, Ishii H, and Ozawa H. (2022) Long-term effects of prenatal undernutrition on female rat hypothalamic KNDy neurons. Endocr Connect. 12, e220307.</p> <p>③Komaki S, Ohmomo H, Hachiya T, Sutoh Y, Ono K, Furukawa R, Umekage S, Otsuka-Yamasaki Y, Minabe S, Takashima A, Tanno K, Sasaki M, and Shimizu A. (2022) Evaluation of short-term epigenetic age fluctuation. Clin Epigenetics. 14:76.</p> <p>④Minabe S, Iwata K, Tsuchida H, Tsukamura H, and Ozawa H. (2021) Effect of diet-induced obesity on Kiss1/Tac3/Pdyn gene expressions in the arcuate nucleus and luteinizing hormone secretion in sex hormone-primed male and female rats. Peptides, 170546.</p>