

研究業績目録
原 著

論 文 名	報 告 者	発 表 誌 名
1. Hepatic FASN deficiency differentially affects nonalcoholic fatty liver disease and diabetes in mouse obesity models	Matsukawa T, Yagi T, Uchida T, Sakai M, Mitsushima M, Naganuma T, Yano H, Inaba Y, Inoue H, Yanagida K, Uematsu M, Nakao K, Nakao H, Aiba A, Nagashima Y, <u>Kubota T.</u> , Kubota N, Izumida Y, Yahagi N, Kubota H, Kaburagi Y, Asahara S, Kido Y, Shindou H, Itoh M, Ogawa Y, Minami S, Terauchi Y, Tobe K, Ueki K, <u>Kasuga M.</u> , Matsumoto M	JCI Insight. 8(17) :e16128 2(2023)
2. The transcription factor ATF3 switches cell death from apoptosis to necroptosis in hepatic steatosis in male mice	Inaba Y, Hashiuchi E, Watanabe H, Kimura K, Oshima Y, Tsuchiya K, Murai S, Takahashi C, Matsumoto M, Kitajima S, Yamamoto Y, Honda M, Asahara S, Ravnskjaer K, Horike S, Kaneko S, <u>Kasuga M.</u> , Nakano H, Harada K, Inoue H	Nature Communications 14, Article number: 167 (2023)
3. Use of diabetes medications in adults with T2D and CVD in Japan: secondary analysis of the CAPTURE study	<u>Yukiko Onishi</u> , Shinichiro Shirabe, Kosei Eguchi, Keiji Nishijima, Toshihiro Sato, Hiroaki Seino	Diabetol Int . 2023 Jun 15;14(4) :363-371. doi: 10.1007/s13340-023-00638-w. eCollection 2023 Oct.
4. Association of glucagon-like peptide-1 receptor agonist treatment with gastric residue in an esophagogastroduodenoscopy	<u>Toshiko Kobori</u> , <u>Yukiko Onishi</u> , <u>Yoko Yoshida</u> , <u>Tazu Tahara</u> , <u>Takako Kikuchi</u> , <u>Tetsuya Kubota</u> , <u>Masahiko Iwamoto</u> , Tomonobu Sawada, <u>Reo Kobayashi</u> , <u>Hiroaki Fujiwara</u> , <u>Masato Kasuga</u>	J Diabetes Investig . 2023 Jun;14(6) :767-773. doi: 10.1111/jdi.14005. Epub 2023 Mar 15.
5. Association of self-stigma with glycated hemoglobin: A single-center, cross-sectional study of adults with type 1 diabetes in Japan	Shoko Hamano, <u>Yukiko Onishi</u> , <u>Yoko Yoshida</u> , <u>Toshiko Takao</u> , <u>Tazu Tahara</u> , <u>Takako Kikuchi</u> , <u>Toshiko Kobori</u> , <u>Tetsuya Kubota</u> , <u>Masahiko Iwamoto</u> , <u>Masato Kasuga</u>	J Diabetes Investig . 2023 Mar;14(3) :479-485. doi: 10.1111/jdi.13963. Epub 2023 Jan 25.

論 文 名	報 告 者	発 表 誌 名
6. Cardiovascular disease prevalence in adults with type 2 diabetes in Japan: results from the Japanese centers in the CAPTURE study	Hiroaki Seino, <u>Yukiko Onishi</u> , Kosei Eguchi, Keiji Nishijima, Toshihiro Sato, Shinichiro Shirabe	Diabetol Int . 2023 Jan 14;14(2):172-182. doi: 10.1007/s13340-022-00612-y. eCollection 2023 Apr.
7. Comparison of Weight Reduction, Change in Parameters and Safety of a Very Low Carbohydrate Diet in Comparison to a Low Carbohydrate Diet in Obese Japanese Subjects with Metabolic Disorders	Takako Kikuchi, Akifumi Kushiyama, Miho Yanai, Chieko Kashiwado, Takeshi Seto, <u>Masato Kasuga</u>	Nutrients. 2023 Mar 9;15(6):1342-1506
8. Increased expression of TNFRSF14 and LIGHT in biliary epithelial cells of patients with primary sclerosing cholangitis.	Kanai S, <u>Fujiwara H</u> , Mizuno S, Kishikawa T, Nakatsuka T, Hamada T, Tanaka M, Arita J, Nakai Y, Isayama H, <u>Kasuga M</u> , Tateishi R, Tateishi K, Ushiku T, Hasegawa K, Koike K, Fujishiro M.	Dig Liver Dis. 2024 Feb;56(2):305-311. doi: 10.1016/j.dld.2023.08.057. Epub 2023 Sep 17.
9. Combination of serum human satellite RNA and miR-21-5p levels as a biomarker for pancreatic cancer.	Seimiya T, Suzuki T, Iwata T, Kishikawa T, Sekiba K, Shibata C, Ishigaki K, <u>Fujiwara H</u> , Oyama H, Kanai S, Sato T, Nakai Y, Ishibashi R, Moriyama M, Nakagawa R, Ijichi H, Otsuka M, Koike K.	iScience. 2023 Jan 19;26(2):106021. doi: 10.1016/j.isci.2023.106021. eCollection 2023 Feb 17.
10. Evaluation of glycated albumin levels in tears and saliva as a marker in patients with diabetes mellitus.	Aihara M, Jinnouchi H, Yoshida A, Ijima H, Sakurai Y, Hayashi T, Koizumi C, <u>Kubota T</u> , Usami S, Yamauchi T, Sakata T, Kadokawa T, Kubota N.	Diabetes Res Clin Pract. 2023 May;199:110637.
11. Associations of sleep quality with the skeletal muscle strength in patients with type 2 diabetes with poor glycemic control.	Hayashi T, Wada N, <u>Kubota T</u> , Koizumi C, Sakurai Y, Aihara M, Usami S, Yamauchi T, Kubota N.	J Diabetes Investig. 2023 Jun;14(6):801-810.
12. Exploring body weight-influencing gut microbiota by elucidating the association with diet and host gene expression.	Nemoto S, <u>Kubota T</u> , Ohno H.	Sci Rep. 2023 Apr 5;13(1):5593.

論 文 名	報 告 者	発 表 誌 名
13. NFIA in adipocytes reciprocally regulates mitochondrial and inflammatory gene program to improve glucose homeostasis.	Hiraike Y, Saito K, Oguchi M, Wada T, Toda G, Tsutsumi S, Bando K, Sagawa J, Nagano G, Ohno H, Kubota N, <u>Kubota T</u> , Aburatani H, Kadokawa T, Waki H, Yanagimoto S, Yamauchi T.	Proc Natl Acad Sci U S A. 2023 Aug;120(31):e2308750 120.
14. Gut microbial carbohydrate metabolism contributes to insulin resistance.	Takeuchi T, <u>Kubota T</u> , Nakanishi Y, Tsugawa H, Suda W, Kwon ATJ, Yazaki J, Ikeda K, Nemoto S, Mochizuki Y, Kitami T, Yugi K, Mizuno Y, Yamamichi M, Yamazaki T, Takamoto I, Kubota N, Kadokawa T, Arner E, Carninci P, Ohara O, Arita M, Hattori M, Koyasu S, Ohno H.	Nature 621(7978):389–395, 2023
15. Bi-weekly glycated albumin measurement was useful to encourage behavioral changes in people with type 2 diabetes mellitus.	Aihara M, Hayashi T, Koizumi C, Sakurai Y, Sawada M, <u>Kubota T</u> , Kadokawa T, Yamauchi T, Kubota N.	Diabetes Therapy 2023;14(10):1711–1721.
16. Comparison of clinical utility of deep learning-based systems for small-bowel capsule endoscopy reading	Aoki T, Yamada A, Oka S, Tsuboi M, Kurokawa K, Togo D, Tanino F, Teshima H, Saito H, Suzuki R, <u>Arai J</u> , Abe S, Kondo R, Yamashita A, Tsuboi A, Nakada A, Niikura R, Tsuji Y, <u>Hayakawa Y</u> , Matsuda T, Nakahori M, Tanaka S, Kato Y, Tada T, Fujishiro M.	J Gastroenterol Hepatol. 2023 Oct 13. doi: 10.1111/jgh.16369. Epub ahead of print. PMID: 37830487.
17. Association of probiotic use with nivolumab effectiveness against various cancers: A multicenter retrospective cohort study.	<u>Arai J</u> , Niikura R, <u>Hayakawa Y</u> , Suzuki N, Honda T, Okamura T, Hasatani K, Yoshida N, Nishida T, Sumiyoshi T, Kiyotoki S, Ikeya T, Arai M, Boku N, Fujishiro M.	Cancer Medicine. 2023 Aug;12(16):16876–16880. doi: 10.1002/cam4.6313. Epub 2023 Jul 8. PMID: 37421306; PMCID: PMC10501230.
18. The Association between Diverticular Rebleeding and Early-Morning Blood Pressure and Surge: A Prospective Observational Trial.	<u>Arai J</u> , Niikura R, Yamada A, Aoki T, Suzuki N, Tsuji Y, <u>Hayakawa Y</u> , Kawai T, Fujishiro M.	Digestion. 2023;104(5):400–408. doi: 10.1159/000531099. Epub 2023 Jul 5. PMID: 37413970; PMCID: PMC10614272.

論 文 名	報 告 者	発 表 誌 名
19. Severe obstructive colitis treated with repeated colonoscopic decompression.	<u>Arai J</u> , Suzuki N, <u>Hayakawa Y</u> , Matzuzaki H, Yokoyama Y, Aoki T, Ishibashi R, Odawara N, Ihara S, Tsuji Y, Ishihara S, Fujishiro M.	DEN Open. 2023 May 16;4(1):e233. doi: 10.1002/deo2.233. PMID: 37205318; PMCID: PMC10186147.
20. Autoimmune gastritis may be less susceptible to cancer development than Helicobacter pylori-related gastritis based on histological analysis.	<u>Arai J</u> , Niikura R, <u>Hayakawa Y</u> , Hirata Y, Ushiku T, Fujishiro M.	Gut. 2023 May 17:gutjnl-2023- 330052. doi: 10.1136/gutjnl-2023- 330052. Epub ahead of print. PMID: 37197906.
21. Potassium-competitive acid blockers may increase the risk of gastric cancer after Helicobacter pylori eradication a retrospective multicentre-cohort analysis.	<u>Arai J</u> , <u>Hayakawa Y</u> , Niikura R, Ihara S, Aoki T, Honda T, Okamura T, Hasatani K, Yoshida N, Nishida T, Sumiyoshi T, Kiyotoki S, Ikeya T, Arai M, Fujishiro M.	Aliment Pharmacol Ther. 2023 May;57(10):1196- 1198.
22. Epidemiology of overall and early-onset serrated polyps versus conventional adenomas in a colonoscopy screening cohort	<u>Arai J</u> , Aoki T, <u>Hayakawa Y</u> , Niikura R, Suzuki N, Fujishiro M.	Int J Cancer. 2023 Jun 1;152(11):2433- 2435. doi: 10.1002/ijc.34445. Epub 2023 Feb 11. PMID: 36694997.
23. Risk and preventive factors of early-onset colorectal neoplasms: endoscopic and histological database analysis.	<u>Arai J</u> , Aoki T, <u>Hayakawa Y</u> , Niikura R, Ishibashi R, Suzuki N, Tsuji Y, Yamada A, Ushiku T, Fujishiro M.	J Gastroenterol Hepatol. 2023 Feb;38(2):259-268. doi: 10.1111/jgh.16045. Epub 2022 Nov 7. PMID: 36302073.
24. Development of a real-time PCR diagnostic measurement system for <i>Fusobacterium</i> spp. and <i>Neisseria</i> spp.	Ryota Niikura, <u>Junya Arai</u> , <u>Yoku Hayakawa</u> , Mitsuhiko Fujishiro, Takashi Kawai	Ulcer Research, 2023 oct 10, 50:41-48

論 文 名	報 告 者	発 表 誌 名
25. Non-Helicobacter pylori Gastric Microbiome Modulates Prooncogenic Responses and Is Associated With Gastric Cancer Risk	Ryota Niikura; <u>Yoku Hayakawa</u> ; Naoyoshi Nagata; Tohru Miyoshi-Akiayama; Koji Miyabayashi; Mayo Tsuboi; Nobumi Suzuki; Masahiro Hata; <u>Junya Arai</u> ; Ken Kurokawa; Sohei Abe; Chie Uekura; Kotaro Miyoshi; Sozaburo Ihara; Yoshihiro Hirata; Atsuo Yamada; <u>Hiroaki Fujiwara</u> ; Tetsuo Ushiku; Susan L. Woods; Daniel L. Worthley; Masanori Hatakeyama; Yiping W. Han; Timothy C. Wang; Takashi Kawai; Mitsuhiro Fujishiro	Gastro Hep Advances 2023 March 12, 2:684-700. DOI: https://doi.org/10.1016/j.gastha.2023.03.010
26. A novel homozygous nonsense variant of LMF1 in pregnancy-induced hypertriglyceridemia with acute pancreatitis	Tanaka M, <u>Takase S</u> , Isiura H, Yamauchi T, Okazaki S, Okazaki H	J Clin Lipidol. 2023 May; 17(3): 327-331.

下線は当研究所在籍および研究施設利用の報告者