

令和5年度 業績

【1】 原著

○Kikuchi K, Michikawa T, Morokuma S, Hamada N, Suetsugu Y, Ikeda S, Nakahara K, Kato K, Ochiai M, Shibata E, Tsuji M, Shimono M, Kawamoto T, Ohga S, Kusuhara K; Japan Environment and Children's Study Group. Sleep quality and temperament in association with autism spectrum disorder among infants in Japan. *Commun Med (Lond)*. Jun 16;3(1):82. (2023)

○Shunsuke Yamamoto, Masafumi Sanefuji, Maya Suzuki, Yuri Sonoda, Norio Hamada, Wakako Kato, Hiroaki Ono, Utako Oba, Kentaro Nakashima, Masayuki Ochiai, Koichi Kusuhara, Yuhki Koga, Shouichi Ohga on behalf of the Japan Environment and Children's Study (JECS) group, Pediatric leukemia and maternal occupational exposure to anticancer drugs: the Japan Environment and Children's Study. *Blood* : 143 (4) : 311–319. (2024)

○Yuka Iwaya, Masafumi Sanefuji, Kei Nishiyama, Yuri Sonoda, Norio Hamada, Reiko Suga, Masayuki Ochiai, Masayuki Shimono, Koichi Kusuhara, Shouichi Ohga, the Japan Environment and Children's Study Group, Prenatal metal levels and congenital anomalies of the kidney and urinary tract: The Japan Environment and Children's Study. *The Science of the total environment* : 890 : 164356. (2023)

○Miyaji Y, Yamamoto-Hanada K, Yang L, Saito-Abe M, Sato M, Mezawa H, Nishizato M, Ochiai M, Ohga S, Oda M, Mitsubuchi H, Shimono M, Suga R, Mise N, Sekiyama M, Nakayama SF, Ohya Y; Japan Environment and Children's Study (JECS). Sex steroid hormones and allergic diseases in children: a pilot birth cohort study in the Japan Environment and Children's Study cohort. *BMC Pediatr*. 23(1):479. (2023)

Mishima R, Tanaka M, Momoda R, Sanefuji M, Morokuma S, Ogawa M, Kato K, Nakayama J. Longitudinal gut mycobiota changes in Japanese infants during first three years of life. *J Biosci Bioeng*. Apr;135(4):266-273. (2023)

Morokuma S, Hayashi T, Kanegae M, Mizukami Y, Asano S, Kimura I, Tateizumi Y, Ueno H, Ikeda S & Niizeki K. Deep learning-based sleep stage classification with cardiorespiratory and body movement activities in individuals with suspected sleep disorders. *Sci Rep*. Oct 18;13(1):17730. doi: 10.1038/s41598-023-45020-7. (2023)

Omaru M, Kajiwara S, Wakamatsu E, Kuroishi S, Ochiai Y, Oniki K, Kato K, Morokuma S. Impact of intrapartum oxytocin administration on neonatal sucking behavior and breastfeeding. *Sci Rep*. Mar 11;14(1):5859. (2024)

Matsunaka E, Ooshige N, Ueki S, Morokuma S. Effectiveness of preventive parental education delivered from pregnancy to 1 month postpartum on improving infant sleep and parental sleep and depression: a systematic review protocol. *JBIEvid Synth.* Feb 22. (2024)

Chizumi Abe, Ayano Soma, Tint Ni Ni Tun, Ye Zhang, Yosuke Nishitani, Hiroyuki Kayaki, Hideaki Kawakami, and Toshiro Matsui: Pharmacokinetic profiles of 3-(4-hydroxy-3-methoxyphenyl) propionic acid and its conjugates in Sprague-Dawley rats. *Biosci. Biotechnol. Biochem.*, 87(5), 516–524 (2023).

Tamaki Sato, Kazuhiro Tobiishi, Tsuguhide Hori, Tomoaki Tsutsumi, Hiroshi Akiyama, Toshiro Matsui: Simultaneous determination of hexabromocyclododecanes, polybrominated diphenyl ethers, and dechlorane-related compounds in boxed sushi meals using a developed analytical method. *Food Sci. Technol. Res.*, 29(4), 347–356 (2023).

Keisuke Sanematsu, Masato Yamamoto, Yuki Nagasato, Yuko Kawabata, Yu Watanabe, Shusuke Iwata, Shingo Takai, Kiyoshi Toko, Toshiro Matsui, Naohisa Wada, and Noriatsu Shigemura: Prediction of dynamic allostery for the transmembrane domain of the sweet taste receptor subunit, TAS1R3. *Commun. Biol.*, 6, 340 (2023).

Nana Esaki, Toshiro Matsui and Takanori Tsuda: Lactate induces the development of beige adipocytes via an increase in the level of reactive oxygen species. *Food Funct.*, 14, 9725–9733 (2023).

Lihong Cheng, Mitsuru Tanaka, Atsuko Yoshino, Yuki Nagasato, Fuyuko Takata, Shinya Dohgu, Toshiro Matsui: A memory-improving dipeptide, Tyr-Pro, can reach the mouse brain after oral administration. *Sci. Rep.*, 13, 16908 (2023).

Tsurudome Y, Yoshida Y, Hamamura K, Ogino T, Yasukochi S, Yasuo S, Iwamoto A, Yoshihara T, Inazumi T, Tsuchiya S, Takeo T, Nakagata N, Higuchi S, Sugimoto Y, Tsuruta A, Koyanagi S, Matsunaga N, Ohdo S. Prostaglandin F₂ α affects the cycle of clock gene expression and mouse behavior. *Int J Mol Sci.* 25(3):1841, (2024)

Kurogi K, Taniguchi F, Matsuo R, Shinozuka M, Suzaki R, Yasuo S. Increased depression-like behaviors with altered brain dopamine metabolisms in male mice housed in large cages are alleviated by bupropion. *Eur J Pharmacol.* 960:176126, (2023)

Kido-Nakahara M, Onozuka D, Izuhara K, Nunomura S, Saeki H, Takenaka M, Matsumoto M,

Kataoka Y, Fujimoto R, Kaneko S, Morita E, Tanaka A, Saito R, Okano T, Miyagaki T, Aoki N, Nakajima K, Ichiyama S, Kido-Nakahara M, Tonomura K, Nakagawa Y, Tamagawa-Mineoka R, Masuda K, Takeichi T, Akiyama M, Ishiujii Y, Katsuta M, Kinoshita Y, Tateishi C, Yamamoto A, Morita A, Matsuda-Hirose H, Hatano Y, Kawasaki H, Fukushima-Nomura A, Ohtsuki M, Kamiya K, Kabata Y, Abe R, Mitsui H, Kawamura T, Tsuji G, Katoh N, Furue M, Nakahara T. Exploring patient background and biomarkers associated with the development of dupilumab-associated conjunctivitis and blepharitis. *Allergology International* 73(2):332-334. (2024)

Nakahara T, Onozuka D, Nunomura S, Saeki H, Takenaka M, Matsumoto M, Kataoka Y, Fujimoto R, Kaneko S, Morita E, Tanaka A, Saito R, Okano T, Miyagaki T, Aoki N, Nakajima K, Ichiyama S, Kido-Nakahara M, Tonomura K, Nakagawa Y, Tamagawa-Mineoka R, Masuda K, Takeichi T, Akiyama M, Ishiujii Y, Katsuta M, Kinoshita Y, Tateishi C, Yamamoto A, Morita A, Matsuda-Hirose H, Hatano Y, Kawasaki H, Fukushima-Nomura A, Ohtsuki M, Kamiya K, Kabata Y, Abe R, Mitsui H, Kawamura T, Tsuji G, Katoh N, Furue M, Izuhara K. The ability of biomarkers to assess the severity of atopic dermatitis. *J Allergy Clin Immunol Glob*. 3(1):100175. doi: 10.1016/j.jacig (2023)

Takeuchi S, Murakami Y, Matsunaka H, Nakahara T, Furue M. Physiological effects of appropriate washing on xerotic skin. *J Cosmet Dermatol*. doi: 10.1111/jocd.16034. (2023)

Sugiyama A, Murakami Y, Okamoto K, Nakano H, Wakatsuki M, Kawano T, Akamine Y, Iwata M, Motomura C, Kojima K, Oda M, Honjo S, Odajima H, Nakahara T, Furue M, Ikoma A. Nocturnal Scratching and Quality of Sleep in Children with Atopic Dermatitis. *Acta Derm Venereol*. 103:adv12345. doi: 10.2340/actadv.v103.12345. (2023)

Tsuji G, Yumine A, Yamamura K, Takemura M, Kido-Nakahara M, Ito T, Nakahara T. The Therapeutic Aryl Hydrocarbon Receptor-Modulating Agent Tapinarof Regulates SEMA3A Expression in Human Keratinocytes through NRF2. *J Invest Dermatol*. S0022-202X(23)02952-4. doi: 10.1016/j.jid.2023.10.002 (2023) .

Nakahara T, Fujita H, Tajima Y, Arima K. Evaluating the usefulness of the Atopic Dermatitis Control Tool for assessing disease control among individuals with atopic dermatitis in Japan. *Br J Dermatol*. ljad344. doi: 10.1093/bjd/ljad344. (2023)

Sato T, Chiba T, Nakahara T, Watanabe K, Sakai S, Noguchi N, Noto M, Ueki S, Kono M. Eosinophil-derived galectin-10 upregulates matrix metalloproteinase expression in bullous pemphigoid blisters. *J Dermatol Sci*. 112(1):6-14. (2023)

Ito T, Tanaka Y, Ichiki T, Kaku-Ito Y, Nakahara T. KS-EMPD-1: a novel cell line of primary

extramammary Paget's disease. *Hum Cell.* 36(5):1813-1829. doi: 10.1007/s13577-023-00951-1. (2023)

Ichiki T, Yamada Y, Ito T, Nakahara T, Nakashima Y, Nakamura M, Yoshizumi T, Shiose A, Akashi K, Oda Y. Histological and immunohistochemical prognostic factors of primary angiosarcoma. *Virchows Arch.* 483(1):59-69. (2023)

Yonekura K, Tsuruta N, Miyagi T, Koike Y, Higashi Y, Nakahara T, Ohata C, Kaneko S, Yamaguchi M, Saito K, Yanase T, Imafuku S. Prevalence of human T-lymphotropic virus type I in patients with psoriasis and its effect on treatment choice: A multicenter observational study. *J Dermatol Sci.* 110(3):103-106. (2023)

Tsuji G, Hashimoto-Hachiya A, Yumine A, Takemura M, Kido-Nakahara M, Ito T, Yamamura K, Nakahara T. PDE4 inhibition by difamilast regulates filaggrin and loricrin expression via keratinocyte proline-rich protein in human keratinocytes. *J Dermatol Sci.* 110(2):61-68. (2023)

Yanase T, Tsuruta N, Yamaguchi K, Ohata C, Ohyama B, Katayama E, Sugita K, Kuwashiro M, Hashimoto A, Yonekura K, Higashi Y, Murota H, Koike Y, Matsuzaka Y, Kikuchi S, Hatano Y, Saito K, Takahashi K, Miyagi T, Kaneko S, Ota M, Harada K, Morizane S, Ikeda K, Furue M, Nakahara T, Okazaki F, Sasaki N, Okada E, Yoshida Y, Ito K, Imafuku S. Survival rates of systemic interventions for psoriasis in the Western Japan Psoriasis Registry: A multicenter retrospective study. *J Dermatol.* 50(6):753-765. (2023)

Tanaka Y, Ito T, Kaku-Ito Y, Tanegashima K, Tsuji G, Kido-Nakahara M, Oda Y, Nakahara T. Human epidermal growth factor receptor 3 serves as a novel therapeutic target for acral melanoma. *Cell Death Discov.* 9(1):54. (2023)

Ohata C, Anezaki H, Kaneko S, Okazaki F, Ito K, Matsuzaka Y, Kikuchi S, Koike Y, Murota H, Miyagi T, Takahashi K, Sugita K, Hashimoto A, Nakahara T, Morizane S, Ohyama B, Saruwatari H, Yanase T, Yoshida Y, Yonekura K, Higashi Y, Hatano Y, Saito K, Katayama E, Yamane M, Yamazaki F, Tsuruta N, Imafuku S. Clinical characteristics of patients with psoriasis with family history: A multicenter observational study. *J Dermatol.* 50(6):746-752. (2023)

Nakahara T, Izuhara K, Onozuka D, Saeki H, Nunomura S, Takenaka M, Matsumoto M, Kataoka Y, Fujimoto R, Kaneko S, Morita E, Tanaka A, Hide M, Okano T, Miyagaki T, Aoki N, Nakajima K, Ichiyama S, Kido-Nakahara M, Tonomura K, Nakagawa Y, Tamagawa-Mineoka R, Masuda K, Takeichi T, Akiyama M, Ishiui Y, Katsuta M, Kinoshita Y, Tateishi C, Yamamoto A, Morita A, Matsuda-Hirose H, Hatano Y, Kawasaki H, Tanese K, Ohtsuki M, Kamiya K, Kabata Y, Abe R,

Mitsui H, Kawamura T, Tsuji G, Katoh N, Furue M. Exploring biomarkers to predict clinical improvement of atopic dermatitis in patients treated with dupilumab (B-PAD study). *Clin Exp Allergy*. 53(2):233-238. doi: 10.1111/cea.14267. (2023)

Tachibana A, Iga JI, Ozaki T, Yoshida T, Yoshino Y, Shimizu H, Mori T, Furuta Y, Shibata M, Ohara T, Hata J, Taki Y, Mikami T, Maeda T, Ono K, Mimura M, Nakashima K, Takebayashi M, Ninomiya T, Ueno SI; JPSC-AD study group. Serum high-sensitivity C-reactive protein and dementia in a community-dwelling Japanese older population (JPSC-AD). 14(1):7374 (2024)

Nakamura H, Noguchi-Shinohara M, Ishimiya-Jokaji M, Kobayashi Y, Isa M, Ide K, Kawano T, Kawashiri S, Uchida K, Tatewaki Y, Taki Y, Ohara T, Ninomiya T, Ono K. Brain atrophy in normal older adults links tooth loss and diet changes to future cognitive decline. 10(1):20 (2024)

Laguzzi F, Åkesson A, Marklund M, Qian F, Gigante B, Bartz TM, Bassett JK, Birukov A, Campos H, Hirakawa Y, Imamura F, Jäger S, Lankinen M, Murphy RA, Senn M, Tanaka T, Tintle N, Virtanen JK, Yamagishi K, Allison M, Brouwer IA, De Faire U, Eiriksdottir G, Ferrucci L, Forouhi NG, Geleijnse JM, Hodge AM, Kimura H, Laakso M, Riserus U, van Westing AC, Bandinelli S, Baylin A, Giles GG, Gudnason V, Iso H, Lemaitre RN, Ninomiya T, Post WS, Psaty BM, Salonen JT, Schulze MB, Tsai MY, Uusitupa M, Wareham NJ, Oh SW, Wood AC, Harris WS, Siscovick D, Mozaffarian D, Leander K; Fatty Acids and Outcomes Research Consortium (FORCE). Role of Polyunsaturated Fat in Modifying Cardiovascular Risk Associated With Family History of Cardiovascular Disease: Pooled De Novo Results From 15 Observational Studies. 149(4):305-316 (2024)

Tsuda S, Honda T, Higashioka M, Hata J, Nakano T, Kitazono T, Ninomiya T. Longitudinal association of sedentary time with diabetes mellitus and markers of glucose metabolism in middle-aged and older adults: The Hisayama Study. 15(2):245-246 (2024)

Honda T, Furuhashi H, Furuta Y, Tomooka S, Tajimi T, Nagasawa F, Oishi E, Kimura Y, Yoshida D, Ninomiya T. Database profile of the Fukuoka-City Information Platform for Community-based Integrated Care. 6(1):5-11 (2023)

Shibata M, Hosoi M, Anno K, Hirabayashi N, Hirakawa Y, Kawata H, Iwaki R, Sawamoto R, Sudo N, Ninomiya T. Inadequate care and excessive overprotection during childhood are associated with the presence of diabetes mellitus in adulthood in a general Japanese population: a cross-sectional analysis from the Hisayama Study. 23(1):222 (2023)

Garg PK, Guan W, Nomura S, Weir NL, Tintle N, Virtanen JK, Hirakawa Y, Qian F, Sun Q, Rimm

E, Lemaitre RN, Jensen PN, Heckbert SR, Imamura F, Steur M, Leander K, Laguzzi F, Voortman T, Ninomiya T, Mozaffarian D, Harris WS, Siscovick DS, Tsai MY; Fatty Acids and Outcomes Research Consortium (FORCE). n-6 fatty acid biomarkers and incident atrial fibrillation: an individual participant-level pooled analysis of 11 international prospective studies. *118*(5):921-929 (2023)

Tachibana A, Iga JI, Tatewaki Y, Thyreau B, Chen H, Ozaki T, Yoshida T, Yoshino Y, Shimizu H, Mori T, Furuta Y, Shibata M, Ohara T, Hata J, Taki Y, Nakaji S, Maeda T, Ono K, Mimura M, Nakashima K, Takebayashi M, Ninomiya T, Ueno SI; JPSC-AD study group. Late-Life High Blood Pressure and Enlarged Perivascular Spaces in the Putaminal Regions of Community-Dwelling Japanese Older Persons. *37*(1):61-72 (2024)

Bun S, Suzuki K, Niimura H, Shikimoto R, Kida H, Shibata M, Honda T, Ohara T, Hata J, Nakaji S, Maeda T, Ono K, Nakashima K, Iga JI, Takebayashi M, Ninomiya T, Mimura M; JPSC-AD Study Group. Gender and age influence the association between gait speed and mild cognitive impairment in community-dwelling Japanese older adults: from the Japan Prospective Studies Collaboration for Ageing and Dementia (JPSC-AD). *23*(6):918-929 (2023)

Global Cardiovascular Risk Consortium; Magnussen C, Ojeda FM, Leong DP, Alegre-Diaz J, Amouyel P, Aviles-Santa L, De Bacquer D, Ballantyne CM, Bernabé-Ortiz A, Bobak M, Brenner H, Carrillo-Larco RM, de Lemos J, Dobson A, Dörr M, Donfrancesco C, Drygas W, Dullaart RP, Engström G, Ferrario MM, Ferrières J, de Gaetano G, Goldbourt U, Gonzalez C, Grassi G, Hodge AM, Hveem K, Iacoviello L, Ikram MK, Irazola V, Jobe M, Jousilahti P, Kaleebu P, Kavousi M, Kee F, Khalili D, Koenig W, Kontsevaya A, Kuulasmaa K, Lackner KJ, Leistner DM, Lind L, Linneberg A, Lorenz T, Lyngbakken MN, Malekzadeh R, Malyutina S, Mathiesen EB, Melander O, Metspalu A, Miranda JJ, Moitry M, Mugisha J, Nalini M, Nambi V, Ninomiya T, Oppermann K, d'Orsi E, Pająk A, Palmieri L, Panagiotakos D, Perianayagam A, Peters A, Poustchi H, Prentice AM, Prescott E, Risérus U, Salomaa V, Sans S, Sakata S, Schöttker B, Schutte AE, Sepanlou SG, Sharma SK, Shaw JE, Simons LA, Söderberg S, Tamosiunas A, Thorand B, Tunstall-Pedoe H, Twerenbold R, Vanuzzo D, Veronesi G, Waibel J, Wannamethee SG, Watanabe M, Wild PS, Yao Y, Zeng Y, Ziegler A, Blankenberg S. Global Effect of Modifiable Risk Factors on Cardiovascular Disease and Mortality. *389*(14):1273-1285 (2023)

Ueda E, Yasuda M, Fujiwara K, Hashimoto S, Honda T, Nakamura S, Hata J, Ninomiya T, Sonoda KH. Association Between Choroidal Thickness and Myopic Maculopathy in a Japanese Population: The Hisayama Study. *3*(4):100350 (2023)

Qian F, Tintle N, Jensen PN, Lemaitre RN, Imamura F, Feldreich TR, Nomura SO, Guan W,

Laguzzi F, Kim E, Virtanen JK, Steur M, Bork CS, Hirakawa Y, O'Donoghue ML, Sala-Vila A, Ardisson Korat AV, Sun Q, Rimm EB, Psaty BM, Heckbert SR, Forouhi NG, Wareham NJ, Marklund M, Risérus U, Lind L, Ärnlöv J, Garg P, Tsai MY, Pankow J, Misialek JR, Gigante B, Leander K, Pester JA, Albert CM, Kavousi M, Ikram A, Voortman T, Schmidt EB, Ninomiya T, Morrow DA, Bayés-Genís A, O'Keefe JH, Ong KL, Wu JHY, Mozaffarian D, Harris WS, Siscovick DS; Fatty Acids and Outcomes Research Consortium (FORCE). Omega-3 Fatty Acid Biomarkers and Incident Atrial Fibrillation. 82(4):336-349 (2023)

Hirabayashi N, Honda T, Hata J, Furuta Y, Shibata M, Ohara T, Tatewaki Y, Taki Y, Nakaji S, Maeda T, Ono K, Mimura M, Nakashima K, Iga JI, Takebayashi M, Ninomiya T; as the Japan Prospective Studies Collaboration for Aging and Dementia (JPSC-AD) Study. Association Between Frequency of Social Contact and Brain Atrophy in Community-Dwelling Older People Without Dementia: The JPSC-AD Study. 101(11):e1108-e1117 (2023)

Nakazawa T, Ohara T, Hirabayashi N, Furuta Y, Hata J, Shibata M, Honda T, Kitazono T, Nakao T, Ninomiya T. Association of white matter lesions and brain atrophy with the development of dementia in a community: the Hisayama Study. 77(6):330-337 (2023)

Higashioka M, Hirakawa Y, Hata J, Honda T, Sakata S, Shibata M, Kitazono T, Osawa H, Ninomiya T. Serum Mac-2 Binding Protein Glycosylation Isomer Concentrations Are Associated With Incidence of Type 2 Diabetes. 108(7):e425-e433 (2023)

Saito T, Shibata M, Hirabayashi N, Honda T, Morisaki Y, Anno K, Sudo N, Hosoi M, Ninomiya T. Family dysfunction is associated with chronic pain in a community-dwelling Japanese population: The Hisayama study. 27(4):518-529 (2023)

Murakami K, Hamazaki N, Hamada N, Nagamatsu G, Okamoto I, Ohta H, Nosaka Y, Ishikura Y, Kitajima TS, Semba Y, Kunisaki Y, Arai F, Akashi K, Saitou M, Kato K, Hayashi K : Generation of functional oocytes from male mice in vitro. Nature. 615(7954): 900-6, (2023)

Mukai Y, Kudo Y, Sugiyama T, Kato K : Measures for pregnant women with coronavirus disease 2019 at the National University Hospital: 34th National University Perinatal Medical Center Conference. J Obstet Gynaecol Res. 49(7): 1684-8, (2023)

Nitahara K, Kawamura A, Kitamura Y, Kato K, Namekawa SH, Nishiyama M Chromatin remodeler CHD8 is required for spermatogonial proliferation and early meiotic progression. Nucleic Acids Res. (2024)

Morisaki Y, Miyata N, Nakashima M, Hata T, Takakura S, Yoshihara K, Suematsu T, Nomoto K, Miyazaki K, Tsuji H, Sudo N. Persistence of gut dysbiosis in individuals with anorexia nervosa. *PLoS One*. 18(12):e0296037. (2023)

Altaisaikhan A, Yoshihara K, Hata T, Miyata N, Asano Y, Suematsu T, Kadota Y, Sudo N. Dietary supplementation with 1-kestose induces altered locomotor activity and increased striatal dopamine levels with a change in gut microbiota in male mice. *Physiol Rep*. 11(23):e15882. (2023)

Nishihara T, Shibata M, Ohashi A, Hiyama K, Yamashita T, Kuroiwa M, Sudo N. The relation between vaccination status and referral to a consultation-liaison psychiatry service for hospitalized patients with COVID-19. *Biopsychosoc Med*. 17(1):40. (2023)

Izuno S, Yoshihara K, Hosoi M, Eto S, Hirabayashi N, Todani T, Gondo M, Hayaki C, Anno K, Hiwatashi A, Sudo N. Psychological characteristics associated with the brain volume of patients with fibromyalgia. *Biopsychosoc Med*. 17(1):36. (2023)

Motomura Y, Fukuzaki A, Eto S, Hirabayashi N, Gondo M, Izuno S, Togao O, Yamashita K, Kikuchi K, Sudo N, Yoshihara K. Alexithymia characteristics are associated with salience network activity in healthy participants: an arterial spin labeling study. *J Physiol Anthropol*. 42(1):18. (2023)

Kurisu K, Nohara N, Inada S, Otani M, Noguchi H, Endo Y, Sato Y, Fukudo S, Nakazato M, Yamauchi T, Harada T, Inoue K, Hata T, Takakura S, Sudo N, Iida N, Mizuhara Y, Wada Y, Ando T, Yoshiuchi K. Economic costs for outpatient treatment of eating disorders in Japan. *J Eat Disord*. 11(1):136. (2023)

Effects of integrated hospital treatment on the default mode, salience, and frontal-parietal networks in anorexia nervosa: A longitudinal resting-state functional magnetic resonance imaging study.

Gondo M, Kawai K, Moriguchi Y, Hiwatashi A, Takakura S, Yoshihara K, Morita C, Yamashita M, Eto S, Sudo N. *PLoS One*.18(5):e0283318. (2023)

Nohara N, Yamanaka Y, Matsuoka M, Yamazaki T, Kawai K, Takakura S, Sudo N, Ando T, Matsuyama Y, Byrne S, Dalle Grave R, Cooper Z, Yoshiuchi K. A multi-center, randomized, parallel-group study to compare the efficacy of enhanced cognitive behavior therapy (CBT-E) with treatment as usual (TAU) for anorexia nervosa: study protocol. *Biopsychosoc Med*. 17(1):20. (2023)

Nishihara T, Yoshihara K, Ohashi A, Kuroiwa M, Sudo N. Differences in the presentation of COVID-19-related psychosocial stress and general psychological distress and the relation between the number of care days and these symptoms among Japanese ward staff working exclusively with

COVID-19 and support staff. *Biopsychosoc Med.* 17(1):17. (2023)

Otake S, Saito K, Chiba Y, Yamada A, Fukumoto S. S100a6 knockdown promotes the differentiation of dental epithelial cells toward the epidermal lineage instead of the odontogenic lineage. *FASEB J.* 38(7):e23608. (2024)

Sugimoto A, Iwata K, Kurogoushi R, Tanaka M, Nakashima Y, Yamakawa Y, Oishi A, Yoshizaki K, Fukumoto S, Yamamoto A, Ishimaru N, Iwamoto T. C-terminus of PIEZO1 governs Ca²⁺ influx and intracellular ERK1/2 signaling pathway in mechanotransduction. *Biochem Biophys Res Commun.* 682:39-45. (2023)

Dong S, Kifune T, Kato H, Wang L, Kong J, Hirofuji Y, Sun X, Sato H, Ito Y, Kato TA, Sakai Y, Ohga S, Fukumoto S, Masuda K. Effects of melatonin on dopaminergic neuron development via IP₃-mediated mitochondrial Ca²⁺ regulation in autism spectrum disorder. *Biochem Biophys Res Commun.* 681:7-12. (2023)

Sun X, Kong J, Dong S, Kato H, Sato H, Hirofuji Y, Ito Y, Wang L, Kato TA, Torio M, Sakai Y, Ohga S, Fukumoto S, Masuda K. TRPV4-mediated Ca²⁺ deregulation causes mitochondrial dysfunction via the AKT/ α -synuclein pathway in dopaminergic neurons. *FASEB Bioadv.* 5(12):507-520. (2023)

Truong TTK, Fujii S, Nagano R, Hasegawa K, Kokura M, Chiba Y, Yoshizaki K, Fukumoto S, Kiyoshima T. Arl4c is involved in tooth germ development through osteoblastic/ameloblastic differentiation. *Biochem Biophys Res Commun.* 679:167-174. (2023)

Thaler R, Yoshizaki K, Nguyen T, Fukumoto S, Den Besten P, Bikle DD, Oda Y. Mediator 1 ablation induces enamel-to-hair lineage conversion in mice through enhancer dynamics. *Commun Biol.* 6(1):766. (2023)

Yang Y, Zhu J, Chiba Y, Fukumoto S, Qin M, Wang X. Enamel defects of Axenfeld-Rieger syndrome and the role of PITX2 in its pathogenesis. *Oral Dis.* 29(8):3654-3664. (2023)

Narwidina A, Miyazaki A, Iwata K, Kurogoushi R, Sugimoto A, Kudo Y, Kawarabayashi K, Yamakawa Y, Akazawa Y, Kitamura T, Nakagawa H, Yamaguchi-Ueda K, Hasegawa T, Yoshizaki K, Fukumoto S, Yamamoto A, Ishimaru N, Iwasaki T, Iwamoto T. Iroquois homeobox 3 regulates odontoblast proliferation and differentiation mediated by Wnt5a expression. *Biochem Biophys Res Commun.* 650:47-54. (2023)

Fu Y, Miyazaki K, Chiba Y, Funada K, Yuta T, Tian T, Mizuta K, Kawahara J, Zhang L, Martin D, Iwamoto T, Takahashi I, Fukumoto S, Yoshizaki K. Identification of GPI-anchored protein LYPD1 as an essential factor for odontoblast differentiation in tooth development. *J Biol Chem.* 299(5):104638. (2023)

Chiba Y, Yoshizaki K, Sato H, Ikeuchi T, Rhodes C, Chiba M, Saito K, Nakamura T, Iwamoto T, Yamada A, Yamada Y, Fukumoto S. Deficiency of G protein-coupled receptor Gpr111/Adgrf2 causes enamel hypomineralization in mice by alteration of the expression of kallikrein-related peptidase 4 (Klk4) during pH cycling process. *FASEB J.* 37(4):e22861. (2023)

Muraoka M, Nagata H, Yamamura K, Sakamoto I, Ishikita A, Nishizaki A, Eguchi Y, Fukuoka S, Uike K, Nagatomo Y, Hirata Y, Nishiyama K, Tsutsui H, Ohga S. Long-Term Renal Involvement in Association with Fontan Circulation. *Pediatr Cardiol.* Online ahead of print. (2023)

Sakamoto I, Yamamura K, Ishikita A, Ohtani K, Umemoto S, Kaku H, Yamasaki Y, Abe K, Ide T, Tsutsui H. Visibility of Pulmonary Valve and Pulmonary Regurgitation on Intracardiac Echocardiography in Adult Patients with Tetralogy of Fallot. *J Cardiovasc Dev Dis.* 10(1):24 (2023)

Fujiyoshi J, Inoue H, Sawano T, Mushimoto Y, Motomura Y, Nishiyama K, Kaku N, Nagata H, Yamamura K, Ishimura M, Koga Y, Ochiai M, Sakai Y, Tajiri T, Ohga S. Critical diseases in neonates after discharge home from birth hospital: A retrospective study from a tertiary hospital in Japan. *Early Hum Dev.* 186:105869 (2023)

Ishikawa Y, Urabe H, Yamada Y, Yamamura K, Tao K, Suzuki S, Muraji S, Kuraoka A, Sagawa K. Normal Ventricular and Regional Blood Flow Volumes and Native T1 Values in Healthy Japanese Children Obtained from Comprehensive Cardiovascular Magnetic Resonance Imaging. *Int Heart J.* 64(4):663-671 (2023)

Ogata R, Watanabe K, Chong PF, Okamoto J, Sakemi Y, Nakashima T, Ohno T, Nomiyama H, Sonoda Y, Yuko Ichimiya Y, Inoue H, Ochiai M, Yamashita H, Sakai Y, Ohga S. Divergent neurodevelopmental profiles of very-low-birth-weight infants for 6 years: A regional cohort in Japan. *Pediatr Res.* (2023)

Sonoda M, Ishimura M, Inoue H, Eguchi K, Ochiai M, Sakai Y, Doi T, Suzuki K, Inoue T, Mizukami T, Nakamura K, Takada H, Ohga S. Non-conditioned cord blood transplantation for infection control in athymic CHARGE syndrome. *Pediatr Blood Cancer.* e30809. (2023)

Tanaka A, Sakaguchi Y, Inoue H, Egami N, Sonoda Y, Sonoda M, Ishimura M, Ochiai M, Hotta T,

Uchiumi T, Sakai Y, Ohga S. Stroke in a protein C-deficient infant after stem cell transplant for CHARGE syndrome. *Pediatr Blood Cancer*. 70(4):e30047. (2023)

Sakemi Y, Nakashima T, Watanabe K, Ochiai M, Sawano T, Inoue H, Kawakami K, Isomura S, Yamashita H, Ohga S. Changing risk factors for postpartum depression in mothers admitted to a perinatal center. *Pediatr Neonatol*. (3):319-326. (2023)

Ichikawa S, Araki S, Shimizu D, Kusuhara K, Shirahata A, Ochiai M, Ibara S. A survey of the current status of neonatal disseminated intravascular coagulation in neonatal intensive care units in Kyushu, Japan. *Pediatr Neonatol*. S1875-9572(23)00185-7. (2023)

Egami N, Ishimura M, Ochiai M, Ichiyama M, Inoue H, Suenobu S, Nishikubo T, Nogami K, Ishiguro A, Hotta T, Uchiumi T, Kang D, Ohga S. The clinical and genetic landscape of early-onset thrombophilia in Japan. *Pediatr Blood Cancer*. (3):e30824. (2024)

永野純, 山本紀子, 尾木秀直, 田中拓也, 田代雅文, 植木啓文: セルフレギュレーション質問票 16 項目日本語版: 信頼性と妥当性の検討. *健康支援* 25: 139-147, (2023)

友延 尚子, 藏本 和孝, 詠田 真由, 河村 圭子, 濱田 律雄, 横田 奈津子, 磯邊 明子, 宮崎 順秀, 大石 博子, 加藤 聖子, 当院における 15 歳以下の医学的適応による妊孕性温存療法の現状. *福岡産科婦人科学会雑誌*: 47(1): 9-13. (2023)

【2】 総説

Tsuji G, Yamamura K, Kawamura K, Kido-Nakahara M, Ito T, Nakahara T. Regulatory Mechanism of the IL-33-IL-37 Axis via Aryl Hydrocarbon Receptor in Atopic Dermatitis and Psoriasis. *Int J Mol Sci*. 24(19):14633. doi: 10.3390/ijms241914633. (2023)

Tsuji G, Yamamura K, Kawamura K, Kido-Nakahara M, Ito T, Nakahara T. Novel Therapeutic Targets for the Treatment of Atopic Dermatitis. *Biomedicines*. 11(5):1303. (2023)

Ito T, Hashimoto H, Kaku-Ito Y, Tanaka Y, Nakahara T. Nail Apparatus Melanoma: Current Management and Future Perspectives. *J Clin Med*.12(6):2203. (2023)

Ohga S, Egami N, Hotta T, Uchiumi T, Ochiai M, Ishimura M.[Genetic predisposition to early-onset thrombophilia: a study on challenges in personalized medicine for mothers, infants, and children]. *Rinsho Ketsueki*. (9):1131-1136. doi: 10.11406/rinketsu.64.1131. (2023)

Sonoda Y, Fujita A, Torio M, Mukaino T, Sakata A, Matsukura M, Yonemoto K, Hatae K, Ichimiya

Y, Chong PF, Ochiai M, Wada Y, Kadoya M, Okamoto N, Murakami Y, Suzuki T, Isobe N, Shigeto H, Matsumoto N, Sakai Y, Ohga S. Progressive myoclonic epilepsy as an expanding phenotype of NGLY1-associated congenital deglycosylation disorder: A case report and review of the literature. Eur J Med Genet. 104895. (2024)

松井利郎：食品容器とにおい.食品容器, 64(4), 208-210 (2023).

松井利郎、田中 充：食品因子の腸管吸収の質量分析イメージング法. 医学のあゆみ, 287(9), 649-654 (2023).

谷口楓果、洲崎礼紀、安尾しのぶ：「時間栄養学はストレス社会にどのように貢献できるか」時間栄養学研究の最前線, 4(1), 8-20, (2024)

二宮利治：特集：認知症の包括的なリスク低減に向けて. 1. 国内外の疫学研究の成果からみた認知症の発症リスク低減の可能性. Prog. Med. 43: 11-17, (2023)

二宮利治：特集 I：認知症の病態・診断・治療. 地域住民を対象とした認知症疫学研究：久山町研究. 脳神経内科 98: 227-233, (2023)

二宮利治：トピックス II. 疫学研究から探る動脈硬化性疾患リスクとは？～動脈硬化性疾患をエンドポイントとした久山町研究のスコアについて～. 日本内科学会雑誌 112: 165-172, (2023)

二宮利治：合併症学会シンポジウム 7 わが国における糖尿病合併症に関するエビデンス. 血清グリコアルブミン値と心血管病発症との関係：久山町研究. 糖尿病合併症 37: 241, (2023)

二宮利治：特集 健康日本 21(第三次)に向けて：ロコモ啓発の今とこれから. クリニカルクエスチョン②認知症発症予防における筋力・運動機能維持の重要性：久山町研究. Loco Cure 9: 345-348, (2023)

二宮利治：予防・疫学. 認知症の地域疫学研究の知見. 医学のあゆみ 287: 1002-1008, (2023)

二宮利治：第 29 回日本未病学会学術総会 ■シンポジウム 4「令和の日本人の健康と日常を快適に過ごすための細胞-身体活性化法」 地域住民における認知症コホート研究～筋力低下予防の重要性～：久山町研究. 日本未病学会雑誌 29: 40-45, (2023)

加藤 聖子：女性の一生を診る～小児科の先生とともに～福岡県小児科医報. 61: 43-47, (2023)

須藤信行：身体症状症 レジデントが知っておきたい診断や治療のコツ！ 診断と評価 心身症.

精神科 Resident. 4(4)286-288. (2023)

須藤信行：心身の健康と腸内細菌の関係を探る Dysbiosis は神経性やせ症に影響を与える.
Microbiome Science. 2(4)224-229. (2023)

吉原一文, 須藤信行：神経科学の素朴な疑問 緊張すると咳が出るのはなぜですか? Clinical
Neuroscience. 41(12)1652-1653. (2023)

野崎剛弘, 小牧元, 須藤信行：性差医療の最新知識 長寿社会における性差医療各論 摂食障害
と肥満. 日本臨床. 81(7)1046-1052. (2023)

須藤信行：脳腸相関 UPDATE-疾患の予防と健康長寿のための食・栄養・腸環境(Part 2) 脳腸相
関と疾患 うつ. 臨床栄養. 142(6)863-869. (2023)

高倉修, 須藤信行：心身症 摂食障害. 医学と薬学. 80(5)483-489. (2023)

落合正行：早産児の貧血 小児科診療 86 巻春増刊号「特集／小児の治療指針」小児科診療
36(1):920-921 (2023)

落合正行：医学論文を書く前に－その意義と求められる姿勢－ 日本新生児成育医学会雑誌
35(2):24-26 (2023)

安岡和昭, 落合正行：6 実践編 (2) 経皮ガスモニタと EtCO₂ モニタとの比較 with NEO
36(4):534-541 (2023)

澤野徹, 落合正行：仙尾部の皮膚洞への対応 -MRI 精査は常には行わない周産期医学 53(1):104-
106 (2023)

井上普介, 澤野徹, 落合正行：医療技術に関するもの 検体間違い 周産期医学 53(7):1106-1108
(2023)

落合正行, 大賀正一：新生児溶血性貧血 日本臨床 血液症候群(第3版) I 26:372-375 (2023)

江上直樹, 落合正行, 市山正子, 井上普介, 園田素史, 石村匡崇, 堀田多恵子, 内海健, 康東天,
大賀正一：血栓性素因スクリーニングの臨床的意義 新生児血栓症の全国調査からの洞察
日本産婦人科・新生児血液学会誌 32(2):51-58 (2023)

江上直樹, 落合正行, 石村匡崇, 大賀正一：【匠から学ぶ 血栓止血検査ガイド】(5章) 疾患まと

め 小児領域の DIC 検査と技術 51(9):1101-1105 (2023)

落合正行：小児在宅医療への取り組み～NICU 入院長期化への対応から地域包括ケアまで～
福岡県医報 第 1567 号 (2023)

【3】 著書

田中真理・滝吉美知香編著「発達障害と出会うとき」慶応義塾大学出版会 (2024)

【4】 症例報告

Ichiki T, Ito T, Oishi H, Kato K, Oda Y, Nakahara T. Pigmented epithelioid melanocytoma arising from a teratoma of a Carney complex patient. *J Obstet Gynaecol Res*. doi: 10.1111/jog.15832. (2023)

Takei I, Ito T, Mori T, Oda Y, Nakahara T. Subcutaneous Thyroid Tissue Implantation after Thyroidectomy: A Mimic of Benign Cutaneous Tumours. *Acta Derm Venereol*. 103:adv00842. doi: 10.2340/actadv.v103.4407. (2023)

Muraoka M, Kuraoka A, Yamamura K, Hayashida M, Nakano T, Sagawa K. Ductal stenting with bilateral pulmonary artery banding as a life-saving management for hypoplastic left heart syndrome with congenital esophageal atresia: A case series. *J Cardiol Cases* (in press)

Shirozu H, Ichiyama M, Ishimura M, Kuraoka A, Egami N, Kang Dongchon, Nakano T, Sagawa K, Ohga S. Ductus Arteriosus Aneurysm and Pulmonary Artery Thromboses in a Protein S-Deficient Newborn. *AJP Rep*. Jul;13(3):e44-e48. (2023)

Tetsuhara K, Hayashida M, Muraoka M, Kano Z. Infant with respiratory distress and shock. *JACEP Open* 4:e13049 (2023)

Toyomura D, Yamamura K, Yamasaki Y. Dynamic digital radiography: a novel quantitative modality to assess the pulmonary blood flow. *Eur Heart J*. 44(16):1479 (2023)

Kikuno R, Yamamura K, Nagatomo Y, Nagata H, Ichimiya Y, Sakai Y, Ohga S: Paradoxical spells during ACTH treatment in an infant with Tetralogy of Fallot. *Pediatr Int*. 65(1):e15503 (2023)

Narazaki K, Nagatomo Y, Uike K, Sonoda M, Nagata H, Yamamura K, Ohga S. Vasospastic angina in a boy with hereditary hemorrhagic telangiectasia due to heterogeneous large deletion around ENG. *Pediatr Int*. 65(1):e15500. (2023)

大塚 裕一郎, 濱田 律雄, 友延 尚子, 河村 圭子, 磯邊 明子, 宮崎 順秀, 江頭 活子, 加藤 聖子,
Tamoxifen(TAM)による卵巣過剰刺激作用を呈した閉経前乳がんの2症例. 日本女性医学学会雑
誌 : 30(3) : 376-379. (2023)