

平成28年度 業績

【1】原著

Sato H, Kato H, Yamaza H, Masuda K, Nguyen HT, Pham TT, Han X, Hirofujii Y, Nonaka K. Engineering of Systematic Elimination of a Targeted Chromosome in Human Cells. *Biomed Res Int.* 2017; 2017: 6037159. doi: 10.1155/2017/6037159

Takagi B, Hong T, Hynd ET, Fong SKK, Fogelgren B, Nonaka K, Lozanoff S. Reduction in Wnt9b and associated gene expression in the embryonic midface of CL/Fr mice with heritable cleft lip and palate. *Anatomy* 2016;10(3):182–192

Fang J, Yamaza H, Uchiumi T, Hoshino Y, Masuda K, Hirofujii Y, Wagener FA, Kang D, Nonaka K. Dihydroorotate dehydrogenase depletion hampers mitochondrial function and osteogenic differentiation in osteoblasts. *Eur J Oral Sci.* 2016 Jun;124(3):241-5.

Akabane S, Uno M, Tani N, Shimazaki S, Ebara N, Kato H, Kosako H, Oka T. PKA Regulates PINK1 Stability and Parkin Recruitment to Damaged Mitochondria through Phosphorylation of MIC60. *Mol. Cell.* 2016, 62(3); 371-384

Tashiro, A., Shibata, S., Takai, Y., Uchiwa, T., Furuse, M., Yasuo, S. Changes in photoperiod alter Glut4 expression in skeletal muscle of C57BL/6J mice. *Biochemical and Biophysical Research Communications*, 485, 82-88, 2017.

Kawase, T., Nagasawa, M., Ikeda, H., Yasuo, S., Koga, Y., Furuse, M. Gut microbiota of mice putatively modifies amino acid metabolism in the host brain, *British Journal of Nutrition*, 117, 775-783, 2017.

Kodaira, M., Nagasawa, M., Yamaguchi, T., Ikeda, H., Minaminaka, K., Chowdhury, V.S., Yasuo, S., Furuse, M. Aging rather than stress strongly influences amino acid metabolisms in the brain and genital organs of female mice, *Mechanisms of Aging and Development*, 162, 72-79, 2017.

Ikeda, H., Nagasawa, M., Yamaguchi, T., Minaminaka, K., Goda, T., Chowdhury V.S., Yasuo, S., Furuse, M. Disparities in activity levels and learning ability between Djungarian hamster (*Phodopus sungorus*) and Roborovskii hamster (*Phodopus roborovskii*), *Animal Science Journal*, 88, 533-545, 2017.

Uchiwa, T., Takai, Y., Tashiro, A., Furuse, M., Yasuo, S. Exposure of C57BL/6J mice to long photoperiod during early life stages increases body weight and alters plasma metabolomic profiles in adulthood, *Physiological Reports*, 4, e12974, 2016.

Morino-Koga S, Uchi H, Mitoma C, Wu Z, Kiyomatsu M, Fuyuno Y, Nagae K, Yasumatsu M, Suico MA, Kai H, Furue M. 6-formylindolo[3,2-b]carbazole (FICZ) accelerates skin wound healing via activation of ERK, but not aryl hydrocarbon receptor. *J Invest Dermatol.* 2017 May 25. pii: S0022-202X(17)31557-9. doi: 10.1016/j.jid.2016.10.050. [Epub ahead of print]

Takeda T, Komiya Y, Koga T, Ishida T, Ishii Y, Kikuta Y, Nakaya M, Kurose H, Yokomizo T, Shimizu T, Uchi H, Furue M, Yamada H. Dioxin-induced increase in leukotriene B4 biosynthesis through the aryl hydrocarbon receptor and its relevance to hepatotoxicity owing to neutrophil infiltration. *J Biol Chem.* 2017 May 9. pii: jbc.M116.764332. doi: 10.1074/jbc.M116.764332.

Morokuma S, Tsukimori K, Hori T, Kato K, Furue M. The Vernix Caseosa is the Main Site of Dioxin Excretion in the Human Foetus. *Sci Rep.* 2017 Apr 7;7(1):739. doi: 10.1038/s41598-017-00863-9. PubMed PMID: 28389640;

Tsuji G, Hashimoto-Hachiya A, Takemura M, Kanemaru T, Ichihashi M, Furue M. Palladium and platinum nanoparticles activate AHR and NRF2 in human keratinocytes-implications in vitiligo therapy. *J Invest Dermatol.* 2017 Mar 11. [Epub ahead of print]

Uchi H, Yasumatsu M, Morino-Koga S, Mitoma C, Furue M. Inhibition of aryl hydrocarbon receptor signaling and induction of NRF2-mediated antioxidant activity by cinnamaldehyde in human keratinocytes. *J Dermatol Sci.* 2017 Jan;85(1):36-43.

Vu Thi Hanh, Yutaro Kobayashi Motohiro Maebuchi, Toshihiro Nakamori, Mitsuru Tanaka, Toshiro Matsui: Quantitative mass spectrometric analysis of dipeptides in protein hydrolysate by a TNBS derivatization-aided standard addition method. *Food Chem.*, 190, 345-350 (2016).

Yusuke Ushida, Chutinan Boonyapichest, Hiroyuki Sugauma, Mitsuru Tanaka, Toshiro Matsui: Paracellular transport of sulfuraphane across Caco-2 cell monolayers. *Food Sci. Technol. Res.*, 22(1), 127-134 (2016).

Jian Zhao, Aki Suyama, Hsuan Chung, Toshihiko Fukuda, Mitsuru Tanaka, Toshiro Matsui: Ferulic acid enhances nitric oxide production through up-regulation of argininosuccinate synthase in inflammatory human endothelial cells. *Life Sci.*, 145, 224-232 (2016).

- Hirosuke Inoue, Hisanori Nishio, Hidetoshi Takada, Etsuro Nanishi, Yasunari Sakai, Masayuki Ochiai, Mitsuho Onimaru, Si Jing Chen, Toshiro Matsui, and Toshiro Hara: Activation of Nod1 signaling induces fetal growth restriction and death through fetal and maternal vasculopathy. *J. Immunology*, 196(6), 2779-2787 (2016).
- Kazuki Moriyasu, Takashi Ichinose, Akane Nakahata, Mitsuru Tanaka, Toshiro Matsui and Shigeki Furuya: The dipeptides Ile-Tyr and Ser-Tyr exert distinct effects on catecholamine metabolism in the mouse brainstem. *Int. J. Peptides*, 2016, 1-5 (2016).
- Seong-Min Hong, Mitsuru Tanaka, Riho Koyanagi, Weilin Shen, and Toshiro Matsui: Structural design of oligopeptides for intestinal transport model. *J. Agric. Food Chem.*, 64(10), 2072-2079 (2016).
- Thanutchaporn Kumrungsee, Sayaka Akiyama, Tomomi Saiki, Masao Omae, Kazuhiro Hamasawa, and Toshiro Matsui: Vasorelaxation effect of 5'-methylthioadenosine obtained from *Candida utilis* yeast extract through the suppression of intracellular Ca²⁺ concentration in rat isolated aorta. *J. Agric. Food Chem.*, 64(17), 3362-3370 (2016).
- Toshihiko Fukuda, Kaustav Majumder, Hua Zhang, Patricia V. Turner, Toshiro Matsui, and Yoshinori Mine: Adenine inhibits TNF- α signaling in intestinal epithelial cells and reduces mucosal inflammation in a dextran sodium sulfate-induced colitis mouse model. *J. Agric. Food Chem.*, 64(21), 4227-4234 (2016).
- Jian Guo, Naoto Hirasaki, Yuji Miyata, Kazunari Tanaka, Takashi Tanaka, Xiao Wu, Yusuke Tahara, Kiyoshi Toko, and Toshiro Matsui: Evaluating the reduced hydrophobic taste sensor response of dipeptides by theasinensin A by using NMR and quantum mechanical analyses. *PLoS ONE*, 11(6), e0157315 (2016).
- Toshihiko Fukuda, Takahiro Kuroda, Miki Kono, Mai Hyoguchi, Satoshi Tajiri, Mitsuru Tanaka, Yoshinori Mine, and Toshiro Matsui: Adenine attenuates the Ca²⁺ contraction-signaling pathway via adenine receptor-mediated signaling in rat vascular smooth muscle cells. *Naunyn-Schmiedeberg's Archives of Pharmacology*, (Naunyn-Schmiedeberg Arch. Pharmacol.), 389(8), 999-1007 (2016).
- Thanutchaporn Kumrungsee, Sayaka Akiyama, Jian Guo, Mitsuru Tanaka, and Toshiro Matsui: Identification of peptides in wheat germ hydrolysate that demonstrate calmodulin-dependent protein kinase II inhibitory activity. *Food Chem.*, 213(6), 329-335 (2016).
- Huu-Nghi Nguyen, Mitsuru Tanaka, Genki Komabayashi, and Toshiro Matsui: The photobase generator nifedipine as a novel matrix for the detection of polyphenols in matrix-assisted laser desorption/ionization mass spectrometry. *J. Mass Spectr.*, 51(10), 748-756 (2016).
- Akiko Mizokami, DaGuang Wang, Mitsuru Tanaka, Jing Gao, Hiroshi Takeuchi, Toshiro Matsui, and Masato Hirata: An extract from pork bones containing osteocalcin improves glucose metabolism in mice by oral administration. *Biosci. Biotechnol. Biochem.*, 80(11), 2176-2183 (2016).
- Kawai K, Nakashima M, Kojima M, Yamashita S, Takakura S, Shimizu M, Kubo C, Sudo N. Ghrelin activation and neuropeptide Y elevation in response to medium chain triglyceride administration in anorexia nervosa patients. *Clin Nutr ESPEN*. 2017 Feb;17:100-104.
- Rooks MG, Veiga P, Reeves AZ, Lavoie S, Yasuda K, Asano Y, Yoshihara K, Michaud M, Wardwell-Scott L, Gallini CA, Glickman JN, Sudo N, Huttenhower C, Lesser CF, Garrett WS. QseC inhibition as an antivirulence approach for colitis-associated bacteria. *Proc Natl Acad Sci U S A*. 2017 Jan 3;114(1):142-147.
- Hayaki C, Anno K, Shibata M, Iwaki R, Kawata H, Sudo N, Hosoi M. Family dysfunction: A comparison of chronic widespread pain and chronic localized pain. *Medicine (Baltimore)*. 2016 Dec;95(49):e5495.
- Furukawa T, Nakano H, Yoshihara K, Sudo N. The Relationship between Snoring Sound Intensity and Morning Blood Pressure in Workers. *J Clin Sleep Med*. 2016 Dec 15;12(12):1601-1606.
- Koga Y, Tokunaga S, Nagano J, Sato F, Konishi K, Tochio T, Murakami Y, Masumoto N, Tezuka JI, Sudo N, Kubo C, Shibata R. Age-associated effect of kestose on *Faecalibacterium prausnitzii* and symptoms in the atopic dermatitis infants. *Pediatr Res*. 2016 Dec;80(6):844-851.
- Sawamoto R, Nagano J, Kajiwara E, Sonoda J, Hiramoto T, Sudo N. Inhibition of emotional needs and emotional wellbeing predict disease progression of chronic hepatitis C patients: an 8-year prospective study. *Biopsychosoc Med*. 2016 Jul 29;10:24.
- Shibata M, Ninomiya T, Anno K, Kawata H, Iwaki R, Sawamoto R, Kubo C, Kiyohara Y, Sudo N, Hosoi M. Perceived inadequate

care and excessive overprotection during childhood are associated with greater risk of sleep disturbance in adulthood: the Hisayama Study. *BMC Psychiatry*. 2016 Jul 7;16:215.

Hirabayashi N, Hata J, Ohara T, Mukai N, Nagata M, Shibata M, Gotoh S, Furuta Y, Yamashita F, Yoshihara K, Kitazono T, Sudo N, Kiyohara Y, Ninomiya T. Association Between Diabetes and Hippocampal Atrophy in Elderly Japanese: The Hisayama Study. *Diabetes Care*. 2016 Sep;39(9):1543-9.

Yoshihara K, Tanabe HC, Kawamichi H, Koike T, Yamazaki M, Sudo N, Sadato N. Neural correlates of fear-induced sympathetic response associated with the peripheral temperature change rate. *Neuroimage*. 2016 Jul 1;134:522-31.

H. Einaga, and A. Kiya, "Effect of Aging on CO Oxidation Properties of Copper Manganese Oxides Prepared by Hydrolysis-Coprecipitation using Tetramethyl Ammonium Hydroxide", *React. Kin. Mech. Catal.*, 114, pp.409-420 (2016).

C. Lee, Y. Jeon, S. Hata, J.-I. Park, R. Akiyoshi, H. Saito, Y. Teraoka, Y.-G. Shul, and H. Einaga, "Three-dimensional Arrangements of Perovskite-type Oxide Nano-fiber Webs for Effective Soot Oxidation", *Appl. Catal. B: Environ.*, 191, pp.157-164 (2016).

K. Taira, K. Nakao, K. Suzuki, H. Einaga, "SOx tolerant Pt/TiO₂ catalysts for CO oxidation and the effect of TiO₂ supports on catalytic activity", *Environ. Sci. Technol.* 50, pp.9773-9780 (2016).

H. Einaga, W. Yoshida, K. Kusaba, "Catalytic Properties of CeO₂-Supported LaMnO₃ for NO Oxidation", *Catal. Lett.*, 146, pp. 2495-2503 (2016).

Onozuka D, Hagihara A. Spatial and temporal variation in emergency transport during periods of extreme heat in Japan: A nationwide study. *Science of the Total Environment* 2016; 544:220–229.

Onozuka D, Hagihara A. All-cause and cause-specific risk of emergency transport attributable to temperature: A nationwide study. *Medicine* 2015; 94(51):e2259.

Shibuta H, Abe T, Miyamoto H, Hagihara A. Interaction effects of rehabilitation and social resources use after hospital discharge on patients' functional abilities. *Journal of Rehabilitation Medicine* 2016; 48: 307–315.

Onozuka D, Hagihara A, Nishimura K, Kada A, Nakagawara J, Ogasawara K, Ono J, Shiokawa Y, Aruga T, Miyachi S, Nagata I, Toyoda K, Matsuda S, Suzuki A, Kataoka H, Nakamura F, Kamitani S, Nishimura A, Kurogi R, Sayama T, Iihara K, the J-ASPECT Study Collaborators. Prehospital antiplatelet use and functional status on admission of patients with non-haemorrhagic moyamoya disease: a nationwide retrospective cohort study (J-ASPECT study) *BMJ Open* 2016;6:e009942 doi:10.1136/bmjopen-2015-009942.

Hagihara A, Onozuka D, Hasegawa M, Nagata T, Abe T, Nabeshima Y. Resuscitation outcomes of reproductive-age females who experienced out-of-hospital cardiac arrest. *European Heart Journal: Acute Cardiovascular Care* 2016; 1-9. DOI: 10.1177/2048872616633879.

Ichiki T, Onozuka D, Kamouchi M, Hagihara A. Fine particulate matter (PM_{2.5}) level does not affect emergency ambulance dispatches for cardiovascular diseases in Japan. *International Archives of Occupational and Environmental Health* 2016; 89:1329-1335.

Onozuka D, Hagihara A. Associations of day-to-day temperature change and diurnal temperature range with out-of-hospital cardiac arrest. *European Journal of Preventive Cardiology*. 2017; 24:204-212.

Onozuka D, Hagihara A. Extreme temperature and out-of-hospital cardiac arrest in Japan: A nationwide, retrospective, observational study. *Science of the Total Environment*. 2017; 575:258-264.

Onozuka D, Hagihara A. Out-of-hospital cardiac arrest attributable to sunshine: A nationwide, retrospective, observational study. *European Heart Journal - Quality of Care and Clinical Outcomes* 2017; 3(2): 107-113.

Onozuka D, Hagihara A. Out-of-hospital cardiac arrest attributable to temperature: A nationwide, retrospective, observational study. *Scientific reports* 7, 39538, 2017.01.

Sozo Inoue, Naonori Ueda, Yasunobu Nohara, Naoki Nakashima. Recognizing and Understanding Nursing Activities for a Whole Day with a Big Dataset. *Journal of Information Processing*. 24(6). 853-866. 2016.

Masayuki Ochiai, Yuki Matsushita, Hirosuke Inoue, Takeshi Kusuda, Dongchon Kang, Kiyoshi Ichihara, Naoki Nakashima, Koji Iihara, Shouchi Ohga, Toshiro Hara. Kyushu University High-Risk Neonatal Clinical Research Network. Blood Reference Intervals for Preterm Low-Birth-Weight Infants: A Multicenter Cohort Study in Japan. *PLoS One*. 2016.

Koji Tanaka, Takeshi Yamada, Takako Torii, Shoji Matsumoto, Takeo Yoshimura, Kei-ichiro Takase, Yoshifumi Wakata, Naoki Nakashima, Jun-ichi Kira, Hiroyuki Murai. Predictive Factors for Excellent or Extremely Poor Functional Outcome in Initial Atrial Fibrillation-Related Cardioembolic Stroke. *European Neurology*. 76(3-4):105-111. 2016.

野原 康伸, 井上 創造, 磯田 達也, 白水 麻子, 杉山 康彦, 瀬高 香澄, 前崎 元美, 中島 直樹. センサネットワークを用いた急性期病棟の包括的行動センシングによる看護師業務改善. 第20回日本医療情報学会春季学術大会抄録集. 68-69. 2016.

Koji Tanaka, Takeshi Yamada, Takako Torii, Shoji Matsumoto, Takeo Yoshimura, Kei-ichiro Takase, Yoshifumi Wakata, Naoki Nakashima, Jun-ichi Kira, Hiroyuki Murai. Clinical Characteristics of Atrial Fibrillation-Related Cardioembolic Stroke in Patients Aged 80years or Older. *Geriatrics & Gerontology International*. 1-6. 2016.

南雲 文夫, 藤井 進, 野中 小百合, 堀田 多恵子, 中島 直樹, 末岡 榮三郎, 康 東天. 容易・正確・効率的なJLAC10マッピングツールとして体外診断用医薬品承認番号利用の有効性. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 970-973. 2016.

Koutarou Matsumoto, Yasunobu Nohara, Yoshifumi Wakata, Takanori Yamashita, Naoki Nakashima. Exploratory Data Analysis of Clinical Pathway for Brain Hemorrhage Using Machine Learning Technique. The 17th China-Japan-Korea Joint Symposium on Medical Informatics (CJMI2016) Proceedings. 50-53. 2016.

藤井 進, 野中 小百合, 南雲 文夫, 堀田 多恵子, 末岡 榮三郎, 中島 直樹, 康 東天. 統合解析可能な大規模医療情報データベース構築と維持における、JLAC10自動マッピングツールの作成と性能評価. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 512-515. 2016.

木村 通男, 渡辺 浩, 澤 智博, 作佐部 太也, 中島 直樹. 証拠性のある医学研究 Web型小病院向け電子カルテシステムを用いた研究ノートの電子化. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 722-723. 2016.

作佐部 太也, 大内 雄矢, 澤 智博, 渡辺 浩, 中島 直樹, 木村 通男. 証拠性のある医学研究 次世代シーケンサーからのデータの証拠性確保における暗号技術の利用についての評価と提案. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 720-721. 2016.

中島 直樹, 植木 浩二郎, 美代 賢吾, 興梠 貴英, 森永 裕, 谷 祐児. J-DREAMSなどの疾患コホート研究の意義と医療情報部門の役割. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 38-41. 2016.

白鳥 義宗, 中島 直樹, 町田 二郎, 河村 進, 岡峯 栄子, 井川 澄人. 電子パス標準化の方向性. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 64-67. 2016.

安徳 恭彰, 若田 好史, 行実 史子, 錦谷 まりこ, 徳永 章二, 中島 直樹. 汎用型臨床研究データ収集システムの比較研究. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 284-287. 2016.

山本 陵平, 新澤 真紀, 守山 敏樹, 猪阪 善隆, 杉山 齊, 丸山 彰一, 中島 直樹, 岡田 浩一, 岡田 美保子, 柏原 直樹. コホート研究を目的とした情報処理システム: コホートメーカー. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 544-545. 2016.

松本 晃太郎, 野原 康伸, 若田 好史, 山下 貴範, 牟田 大助, 西 徹, 中熊 英貴, 小妻 幸男, 甲斐 聖人, 町田 二郎, 副島 秀久, 中島 直樹. 機械学習を用いた探索的なクリニカルパス分析. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 556-559. 2016.

中島 直樹, 渡辺 浩, 澤 智博, 作佐部 太也, 宇山 佳明, 山口 光峰, 木村 通男. 証拠性のある医学研究 病院情報システムからのEDCデータ源に関する検討. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 714-717. 2016.

澤 智博, 渡辺 浩, 作佐部 太也, 中島 直樹, 木村 通男. 証拠性のある医学研究 次世代シーケンサー等のデータソースおよび解析ソフトウェアの検討. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 718-719. 2016.

- 伊豆倉 理江子, 山下 貴範, 野尻 千夏, 野原 康伸, 中島 直樹. MID-NET事業成果報告: 医薬品曝露に伴う有害事象の発現に関するスクリプト検討.第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 784-787. 2016.
- 藤井 進, 野中 小百合, 南雲 文夫, 堀田 多恵子, 末岡 榮三郎, 中島 直樹, 康 東天. パターンIDと患者IDから生成する統合ID(自動名寄せ技術)の個人を特定する能力評価と、それを用いた施設間の連結がもたらす大規模医療情報データベースにおける経時性や網羅性に対する有用性の評価. 第36回医療情報学連合大会(第17回日本医療情報学会学術大会)論文集. 1122-1125. 2016.
- 野原 康伸, 松本 晃太郎, 中島 直樹. 機械学習手法を用いた脳梗塞の予後予測因子の抽出. 第3回医療情報学会・人工知能学会AIM合同研究会抄録集. 01-06. 2016.
- Naoya Onimura, Takanori Yamashita, Naoki Nakashima, Hidehisa Soejima, Sachio Hirokawa. Generation of Sentence Template Graph from SOAP Format Medical Documents. Proceedings of CSCI2016. **-**. 2016. (to appear)
- Takanori Yamashita, Yoshifumi Wakata, Hidehisa Soejima, Naoki Nakashima, Sachio Hirokawa. Prediction of Key Patient Outcome from Sentence and Word of Medical Text Records, Proceedings of Clinical Natural Language Processing Workshop at COLING2016. 86-90. 2016
- Takanori Yamashita, Yoshifumi Wakata, Hidehisa Soejima, Naoki Nakashima, Sachio Hirokawa. Structuralization of Variance Text Records in Clinical Pathway. Proceedings of APAMI2016. 85. 2016.
- Nakayama, J., Yamamoto, A., Palermo-Conde, L. A., Higashi, K., Sonomoto, K. Tan, J., Lee, Y. K. Impact of westernized diet on gut microbiota in children on Leyte island
Frontiers in Microbiology, 8, 197, 1-18
- Yanagi Y, Matsuura T, Hayashida M, Takahashi Y, Yoshimaru K, Esumi G, Taguchi T.
Bowel perforation after liver transplantation for biliary atresia: a retrospective study of care in the transition from children to adulthood.
Pediatr Surg Int. 33(2):155-163, 2017
- Mochizuki K, Hayakawa M, Urushihara N, Miyake H, Yokoi A, Shiraiishi J, Fujinaga H, Ohashi K, Esumi G, Ohfuji S, Amae S, Yanai T, Furukawa T, Tazuke Y, Minagawa K, Okuyama H.
Timing and outcome of stoma closure in very low birth weight infants with surgical intestinal disorders.
Surg Today. [Epub ahead of print], 2017
- Matsuura T, Yoshimaru K, Yanagi Y, Esumi G, Hayashida M, Taguchi T.
Insufficient portal vein inflow in children without major shunt vessels during living donor liver transplantation.
Ann Transplant. 21:373-379, 2016
- Satoh S, Takatori A, Ogura A, Kohashi K, Souzaki R, Kinoshita Y, Taguchi T, Hossain MS, Ohira M, Nakamura Y, Nakagawara A.
Neuronal leucine-rich repeat 1 negatively regulates anaplastic lymphoma kinase in neuroblastoma.
Sci Rep. 6:32682, 2016
- Yoshimaru K, Kinoshita Y, Matsuura T, Esumi G, Wada M, Takahashi Y, Yanagi Y, Hayashida M, Ieiri S, Taguchi T.
Clinical analysis of 70 bowel obstruction cases without a history of laparotomy.
Pediatr Int. 58: 1205-1210, 2016
- Kuda M, Kohashi K, Yamada Y, Maekawa A, Kinoshita Y, Nakatsura T, Iwamoto Y, Taguchi T, Oda Y.
FOXN1 expression in rhabdomyosarcoma: a novel prognostic factor and therapeutic target.
Tumour Biol. 37(4):5213-23, 2016
- 高橋良彰、伊崎智子、飯田則利.
小児卵巣腫瘍30例の検討.
日小外会誌. 52(6) : 1157-62.2016
- Jimbo T, Ieiri S, Obata S, Uemura M, Souzaki R, Matsuoka N, Katayama T, Masumoto K, Hashizume M, Taguchi T.
A new innovative laparoscopic fundoplication training simulator with a surgical skill validation system.
Surg Endosc. Aug. 12, 2016
- Yoshimaru K, Matsuura T, Hayashida M, Kinoshita Y, Takahashi Y, Yanagi Y, Esumi G, Taguchi T.

Transient hyperphosphatasemia after pediatric liver transplantation.
Pediatr Int. 58(8):726-31, 2016

Takayasu H, Masumoto K, Goishi K, Hayakawa M, Tazuke Y, Yokoi A, Terui K, Okuyama H, Usui N, Nagata K, Taguchi T.
Musculoskeletal abnormalities in congenital diaphragmatic hernia survivors: Patterns and risk factors: report of a Japanese multicenter follow-up survey.
Pediatr Int. 58(9):877-80, 2016

Jimbo T, Ieiri S, Obata S, Uemura M, Souzaki R, Matsuoka N, Katayama T, Masumoto K, Hashizume M, Taguchi T.
Preoperative simulation regarding the appropriate port location for laparoscopic hepaticojejunostomy: a randomized study using a disease-specific training simulator.
Pediatr Surg Int. 32(9):901-7, 2016

Kohashi K, Tanaka Y, Kishimoto H, Yamamoto H, Yamada Y, Taguchi T, Iwamoto Y, Oda Y.
Reclassification of rhabdoid tumor and pediatric undifferentiated/unclassified sarcoma with complete loss of SMARCB1/INI1 protein expression: three subtypes of rhabdoid tumor according to their histological features.
Mod Pathol. 29(10):1232-42, 2016

Koreeda Y, Kobayashi Y, Ieiri S, Nishio Y, Kawamura K, Obata S, Souzaki R, Hashizume M, Fujie MG.
Virtually transparent surgical instruments in endoscopic surgery with augmentation of obscured regions.
Int J Comput Assist Radiol Surg. 11(10):1927-36, 2016

Yoshimaru K, Wada M, Esumi G, Takahashi Y, Yanagi Y, Hayashida M, Matsuura T, Ieiri S, Kinoshita Y, Taguchi T.
Clinical analysis of 76 bowel obstruction cases without a history of laparotomy.
Pediatrics International. 58(11):1205-1210, 2016

Matsuura T, Takahashi Y, Yanagi Y, Yoshimaru K, Yamamura K, Morihana E, Nagata H, Uike K, Takada H, Taguchi T.
Surgical strategy according to the anatomical types of congenital portosystemic shunts in children.
J Pediatr Surg. 51(12):2099-2104, 2016

Takahashi Y, Matsuura T, Yanagi Y, Yoshimaru K, Taguchi T.
The role of splenectomy before liver transplantation in biliary atresia patients.
J Pediatr Surg. 51(12):2095-2098, 2016

赤星朋比古, 池田哲夫, 富川盛雅, 宗崎良太, 橋爪 誠.
病的肥満症に対する減量手術のメタボリック症候群に対する治療効果.
九州臨床外科医学会々誌. 1(2):14-20, 2016

木下義晶, 貝沼茂三郎, 永田公二, 宮田潤子, 家入里志, 田口智章.
遺糞症に対するpull through術後に生じた便失禁に対する補中益気湯の応用
小児外科. 48(7):705-707, 2016

Takada H, Ishimura M, Hara T:
Insufficient immune reconstitution after allogeneic cord blood transplantation without chemotherapy conditioning in patients with SCID caused by CD3 δ deficiency.
Bone Marrow Transplant 51(8):1131-3, 2016

Yamamoto H, Ishimura M, Ochiai M, Takada H, Kusuhara K, Nakatsu Y, Tsuzuki T, Mitani K, Hara T:
BTK gene targeting by homologous recombination using a helper-dependent adenovirus/adenovirus-associated virus hybrid vector.
Gene Ther 23(2):205-13, 2016

Ikeda F, Yoshida K, Toki T, Uechi T, Ishida S, Nakajima Y, Sasahara Y, Okuno Y, Kanazaki R, Terui K, Kamio T, Kobayashi A, Fujita T, Sato-Otsubo A, Shiraishi Y, Tanaka H, Chiba K, Muramatsu H, Kanno H, Ohga S, Ohara A, Kojima S, Kenmochi N, Miyano S, Ogawa S, Ito E:
Exome sequencing identified RPS15A as a novel causative gene for Diamond-Blackfan anemia.
Haematologica Dec 1. pii: haematol. 2016.153932 (Epub ahead of print)

Ichimura T, Yoshida K, Yosuke O, Yujiri T, Nagai K, Nishi M, Shiraishi Y, Hiroo U, Toki T, Azuma Y, Chiba K, Tanaka H, Muramatsu H, Ogawa S, Tanizawa Y, Hara T, Kanno H, Kojima S, Miyano S, Ito E, Ogawa S, Ohga S:
Diagnostic challenge of Diamond-Blackfan anemia in mothers and children by whole-exome sequencing.

Int J Hematol Nov 23, 2016 (Epub ahead of print)

Nishikawa E, Yagasaki H, Hama A, Yabe H, Ohara A, Kosaka Y, Kudo K, Kobayashi R, Ohga S, Morimoto A, Watanabe KI, Yoshida N, Muramatsu H, Takahashi Y, Kojima S:
Long-term outcomes of 95 children with moderate aplastic anemia treated with horse antithymocyte globulin and cyclosporine.
Pediatr Blood Cancer Nov 3, 2016 (Epub ahead of print)

Hoshino A, Okada S, Yoshida K, Nishida N, Okuno Y, Yamashita M, Okano T, Tsumura M, Nishimura S, Sakata S, Nakamura H, Kamizono J, Ichimura T, Ohga S, Nakazawa Y, Takagi M, Imai K, Ueno H, Shiraishi Y, Chiba K, Tanaka H, Miyano S, Ogawa S, Kojima S, Nonoyama S, Morio T & Kanegane H:
Abnormal hematopoiesis and autoimmunity in humans with germline IKZF1 mutations.
J Allergy Clin Immunol Dec 1. pii: S0091-6749(16)31273-8, 2016 (Epub ahead of print)

Yamazaki T, Shibuya A, Ishii S, Miura N, Araki R, Ohta Y, Fujiwara M, Miyajima Y, Uetake K, Hamahata K, Kato K, Kawakami K, Toyoda H, Moriguchi N, Okada M, Nishi M, Ogata Y, Takimoto T, Ohga S, Ohta S, Amemiya S:
High-dose cephazolin therapy for pediatric chronic immune thrombocytopenia.
Pediatr Int Sep 6. doi: 10.1111/ped.13151, 2016 (Epub ahead of print)

Muramatsu H, Okuno Y, Yoshida K, Shiraishi Y, Doisaki S, Narita A, Sakaguchi H, Kawashima N, Wang X, Xu Y, Chiba K, Tanaka H, Hama A, Sanada M, Takahashi Y, Kanno H, Yamaguchi H, Ohga S, Manabe A, Harigae H, Kunishima S, Ishii E, Kobayashi M, Koike K, Watanabe K, Ito E, Takata M, Yabe M, Ogawa S, Miyano S, Kojima S:
Clinical application of capture-based target sequencing for inherited bone marrow failure syndromes.
Genet Med 2016 (in press)

Sekiya Y, Shimada A, Imamura T, Ohga S, Ohtsuka K, Hasegawa D, Fujisaki H, Kosaka Y, Kawasima N, Okuno Y, Oh K, Jo K, Narita A, Sunami K, Kojima S:
JAK2, MPL, and CALR mutations in children with essential thrombocythemia.
Int J Hematol 104(2):266-7, 2016

Utsugisawa T, Uchiyama T, Toki T, Ogura H, Aoki T, Hamaguchi I, Ishiguro A, Ohara, Kojima S, Ohga S, Ito E, Kanno H:
Erythrocyte Reduced Glutathione is a Novel Biomarker of Diamond-Blackfan Anemia.
Blood Cell Mol Dis 59:31-6, 2016

Kibata T, Suzuki Y, Hasegawa S, Matsushige T, Kusuda T, Kajimoto M, Takahashi K, Okada S, Wakiguchi H, Moriwake T, Uchida M, Ohbuchi N, Iwai T, Hasegawa M, Ichihara K, Yashiro M, Makino N, Nakamura Y, Ohga S:
Coronary artery lesions and the increasing incidence of Kawasaki disease resistant to initial immunoglobulin therapy.
Int J Cardiol 214:209-15, 2016

Arashiki N, Takakuwa Y, Mohandas N, Hale J, Yoshida K, Ogura H, Utsugisawa T, Ohga S, Miyano S, Ogawa S, Kojima S, Kanno H:
ATP11C encodes a major flippase in human erythrocytes and its defect causes congenital hemolytic anemia.
Haematologica 101(5):559-65, 2016

Kagawa R, Fujiki R, Tsumura M, Sakata S, Nishimura S, Itan Y, Kong XF, Kato Z, Ohnishi H, Hirata O, Saito S, Ikeda M, Baghdadi JE, Bousfiha A, Fujiwara K, Oleastro M, Yancoski J, Perez L, Danielian, PhD S, Aillal F, Takada H, Hara T, Boisson-Dupuis S, Bustamante J, Casanova JL, Ohara O, Okada S, Kobayashi M:
Alanine-scanning mutagenesis of human STAT1 to estimate loss- or gain-of-function variants.
J Allergy Clin Immunol (in press)

Hori M, Yasumi T, Shimodera S, Shibata H, Hiejima E, Oda H, Izawa K, Kawai T, Ishimura M, Nakano N, Shirakawa R, Nishikomori R, Takada H, Morita S, Horiuchi H, Ohara O, Ishii E, Heike T:
A CD57+ CTL Degranulation Assay Effectively Identifies Familial Hemophagocytic Lymphohistiocytosis Type 3 Patients.
J Clin Immunol, 2016 (Epub ahead of print)

Ueki M, Yamada M, Ito K, Tozawa Y, Morino S, Horikoshi Y, Takada H, Abdrabou SS, Takezaki S, Kobayashi I, Ariga T:
A heterozygous dominant-negative mutation in the coiled-coil domain of STAT1 is the cause of autosomal-dominant Mendelian susceptibility to mycobacterial diseases.
Clin Immunol 14;174:24-31, 2016

Cui L, Takada H, Takimoto T, Fujiyoshi J, Ishimura M, Hara T:

Immunoregulatory function of neonatal nucleated red blood cells in humans.
Immunobiology 221(8):853-61, 2016

Toda N, Hoshina T, Koga Y, Ochiai M, Kaku N, Yamamura K, Torisu H, Ihara K, Takada H, Maehara Y, Hara T:
Analysis of Death Due to Infectious Diseases in Patients Hospitalized in the Pediatric Ward of a Single Japanese Tertiary Medical Facility.
Jpn J Infect Dis 69:464-70, 2016

Toda N, Ihara K, Kojima-Ishii K, Ochiai M, Ohkubo K, Kawamoto Y, Kohno Y, Kumasaka S, Kawase A, Ueno Y, Futatani T, Miyazawa T, Nagaoki Y, Nakata S, Misaki M, Arai H, Kawai M, Sato M, Yada Y, Takahashi N, Komatsu A, Kanemasa M, Watabe S, Sumida Y, Kuwashima M, Mizumoto H, Sato K, Hara T:
Hyperinsulinemic hypoglycemia in Beckwith-Wiedemann, Sotos and Kabuki syndromes: A nationwide survey in Japan.
Am J Med Genet A 2016 (in press)

Narumi S, Amano N, Ishii T, Katsumata N, Muroya K, Adachi M, Toyoshima K, Tanaka Y, Fukuzawa R, Miyako K, Kinjo S, Ohga S, Ihara K, Inoue H, Kinjo T, Hara T, Kohno M, Yamada S, Urano H, Kitagawa Y, Tsugawa K, Higa A, Miyawaki M, Okutani T, Kizaki Z, Hamada H, Kihara M, Shiga K, Yamaguchi T, Kenmochi M, Kitajima H, Fukami M, Shimizu A, Kudoh J, Shibata S, Okano H, Miyake N, Matsumoto N, Hasegawa T:
SAMD9 mutations cause a novel multisystem disorder, MIRAGE syndrome, and are associated with loss of chromosome 7.
Nat Genet 48(7):792-97, 2016

Lee S, Sanefuji M, Torio M, Kaku N, Ichimiya Y, Mizuguchi S, Baba H, Sakai Y, Ishizaki Y, Torisu H, Kira R, Hara T, Ohga S:
Involuntary movements and coma as the prognostic marker for acute encephalopathy with biphasic seizures and late reduced diffusion.
J Neuro Sci 370:39-43, 2016

Sanefuji M, Craig M, Parlatini V, Mehta MA, Murphy DG, Catani M, Cerliani L, Thiebaut de Schotten M:
Double-dissociation between the mechanism leading to impulsivity and inattention in Attention Deficit Hyperactivity Disorder: A resting-state functional connectivity study.
Cortex 2016 (in press)

Sakai Y, Fukai R, Matsushita Y, Miyake N, Saitsu H, Akamine S, Torio M, Sasazuki M, Ishizaki Y, Sanefuji M, Torisu H, Shaw CA, Matsumoto N, Hara T:
De novo truncating mutation of TRIM8 causes early-onset epileptic encephalopathy.
Ann Hum Genet 80:235-40, 2016 (Cover of this issue)

Morokuma S, Shimokawa M, Kato K, Sanefuji M, Shibata E, Tsuji M, Senju A, Kawamoto T, Kusuhara K; Japan Environment & Children's Study Group:
Relationship between hyperemesis gravidarum and small-for-gestational-age in the Japanese population: the Japan Environment and Children's Study (JECS).
BMC Pregnancy Childbirth 16:247, 2016

Abe Y, Sakai T, Okumura A, Akaboshi S, Fukuda M, Haginoya K, Hamano S, Hirano K, Kikuchi K, Kubota M, Lee S, Maegaki Y, Sanefuji M, Shimozato S, Suzuki M, Suzuki Y, Takahashi M, Watanabe K, Mizuguchi M, Yamanouchi H:
Manifestations and characteristics of congenital adrenal hyperplasia-associated encephalopathy.
Brain Dev 38:638-47, 2016

Hoshina T, Ohga S, Fujiyoshi J, Nanishi E, Takimoto T, Kanno S, Nishio H, Saito M, Akeda Y, Oishi K, Hara T:
Memory B cell pools predict the immune response to pneumococcal conjugate vaccine in immunocompromised children.
J Infect Dis 216:848-55, 2016

Nanishi E, Hoshina T, Takada H, Ishimura M, Nishio H, Uehara T, Mizuno Y, Hasegawa S, Ohga S, Nagao M, Igarashi M, Yajima S, Kusumoto Y, Onishi N, Sasahara Y, Yasumi T, Heike T, Hara T:
PID-Infection Study Group. A nationwide survey of common viral infections in childhood among patients with primary immunodeficiency diseases.
J Infect 73:358-68, 2016

Matsushita Y, Sakai Y, Shimmura M, Shigeto H, Nishio M, Akamine S, Sanefuji M, Ishizaki Y, Torisu H, Nakabeppu Y, Suzuki A, Takada H, Hara T:

- Hyperactive mTOR signals in the proopiomelanocortin-expressing hippocampal neurons cause age-dependent epilepsy and premature death in mice.
Sci Rep 6:22991, 2016
- Ochiai M, Matsushita Y, Inoue H, Kusuda T, Kang D, Ichihara K, Nakashima N, Ihara K, Ohga S, Hara T:
 Kyushu University High-Risk Neonatal Clinical Research Network, Japan.
 Blood Reference Intervals for Preterm Low-Birth-Weight Infants: A Multicenter Cohort Study in Japan.
PLoS One 11(8):e0161439, 2016
- Ochiai M, Kurata H, Inoue H, Tanaka K, Matsushita Y, Fujiyoshi J, Wakata Y, Kato K, Taguchi T, Takada H:
 An Elevation of Serum Ferritin Level Might Increase Clinical Risk for the Persistence of Patent Ductus Arteriosus, Sepsis and Bronchopulmonary Dysplasia in Erythropoietin-Treated Very-Low-Birth-Weight Infants.
Neonatology 111(1):68-75, 2016
- Inoue H, Nishio H, Takada H, Sakai Y, Nanishi E, Ochiai M, Onimaru M, Chen SJ, Matsui T, Hara T:
 Activation of Nod1 Signaling Induces Fetal Growth Restriction and Death through Fetal and Maternal Vasculopathy.
J Immunol 196(6):2779-87, 2016
- Ichiyama M, Ohga S, Ochiai M, Tanaka K, Matsunaga Y, Kusuda T, Inoue H, Ishimura M, Takimoto T, Koga Y, Hotta T, Kang D, Hara T:
 Age-specific onset and distribution of the natural anticoagulant deficiency in pediatric thromboembolism.
Pediatr Res 79:81-6, 2016
- Hashiguchi K, Morioka T, Murakami N, Togao O, Hiwatashi A, Ochiai M, Eriguchi G, Kishimoto J, Iihara K:
 Sequential morphological change of Chiari malformation type II following surgical repair of myelomeningocele.
Childs Nerv Syst 32(6):1069-78, 2016
- Onouchi Y, Fukazawa R, Yamamura K, Suzuki H, Kakimoto N, Suenaga T, Takeuchi T, Hamada H, Honda T, Yasukawa K, Terai M, Ebata R, Higashi K, Saji T, Kemmotsu Y, Takatsuki S, Ouchi K, Kishi F, Yoshikawa T, Nagai T, Hamamoto K, Sato Y, Honda A, Kobayashi H, Sato J, Shibuta S, Miyawaki M, Oishi K, Yamaga H, Aoyagi N, Yoshiyama M, Miyashita R, Murata Y, Fujino A, Ozaki K, Kawasaki T, Abe J, Seki M, Kobayashi T, Arakawa H, Ogawa S, Hara T, Hata A, Tanaka T:
 Variations in ORAI1 Gene Associated with Kawasaki Disease.
PLoS One 11(1):e0145486, 2016
- Yamasaki Y, Nagao M, Kamitani T, Yamanouchi T, Kawanami S, Yamamura K, Sakamoto I, Yabuuchi H, Honda H:
 Clinical impact of left ventricular eccentricity index using cardiac MRI in assessment of right ventricular hemodynamics and myocardial fibrosis in congenital heart disease.
Eur Radiol 26(10):3617-25, 2016
- Yamasaki Y, Nagao M, Kawanami S, Kamitani T, Sagiya K, Yamanouchi T, Sakamoto I, Yamamura K, Yabuuchi H, Honda H:
 One-stop shop assessment for atrial septal defect closure using 256-slice coronary CT angiography.
Eur Radiol 2016 (Epub ahead of print)
- Matsuura T, Takahashi Y, Yanagi Y, Yoshimaru K, Yamamura K, Morihana E, Nagata H, Uike K, Takada H, Taguchi T:
 Surgical strategy according to the anatomical types of congenital portosystemic shunts in children.
J Pediatr Surg 2016 (Epub ahead of print)
- Ito N, Hataya H, Saida K, Amano Y, Hidaka Y, Motoyoshi Y, Ohta T, Yoshida Y, Terano C, Iwasa T, Kubota W, Takada H, Hara T, Fujimura Y, Ito S:
 Efficacy and safety of eculizumab in childhood atypical hemolytic uremic syndrome in Japan.
Clin Exp Nephrol 20(2):265-72, 2016
- Fukushima K, Morokuma S, Kitadai Y, Tazaki Y, Sumie M, Nakanami N, Ushiro S, Matsuda Y, Tsukimori K:
 Analysis of antenatal-onset cerebral palsy secondary to transient ischemia in utero using a national database in Japan.
J Obstet Gynaecol Res. 2016 Oct;42(10):1297-1303.
- Michikawa T, Morokuma S, Fukushima K, Ueda K, Takeuchi A, Kato K, Nitta H:
 Exposure to air pollutants during the early weeks of pregnancy, and placenta praevia and placenta accreta in the western part of Japan
Environ Int. 2016 May 7;92-93:464-470. doi: 10.1016/j.envint.2016.04.037.

Morokuma S, Shimokawa M, Kato K, Sanefuji M, Shibata E, Tsuji M, Senju A, Kawamoto T, Kusuhara K; Japan Environment & Children's Study Group. Relationship between hyperemesis gravidarum and small-for-gestational-age in the Japanese population: the Japan Environment and Children's Study (JECS). *BMC Pregnancy Childbirth*. 2016 Aug 26;16:247.

Michikawa T, Morokuma S, Yamazaki S, Fukushima K, Kato K, Nitta H. Air pollutant exposure within a few days of delivery, and placental abruption in Japan *Epidemiology*. 28(2):190-196, March 2017.

Okawa H, Morokuma S, Maehara K, Horinouchi T, Arata A, Konishi Y, Kato K. Eye movement activity in normal human fetuses between 24 and 39 weeks of gestation *Plos one*. 2017 (in press)

Morokuma S, Tsukimori K, Hori T, Kato K, Furue M. Vernix caseosa is the main site of dioxin excretion in human fetuses *Sci Rep*. 2017 Apr 7;7(1):739. doi: 10.1038/s41598-017-00863-9.

光武玲子, 長谷川泰代, 荒田弘樹, 上野ふじ美, 新小田春美, 諸隈誠一
NICU・GCUの低出生体重児における音楽暴露時の生理的影響と
アクチグラフによる身体活動量・睡眠の質についての検討
日本新生児学会雑誌. Vol.23, No.1, Apr. p16-22, 2017.

Andrew Stickley, Yoshiyuki Tachibana, Keiji Hashimoto, Hideyuki Haraguchi, Atsuko Miyake, Seiichi Morokuma, Hiroshi Nitta, Masako Oda, Yukihiro Ohya, Ayako Senju, Hidetoshi Takahashi, Takanori Yamagata, and Yoko Kamio
Assessment of autistic symptoms in children aged 2 to 4½ years with the preschool version of the Social Responsiveness Scale (SRS-P): findings from Japan
Autism Research 2017 Mar 3. doi: 10.1002/aur.1742.

Mayumi Tsuji, Tadayuki Ayabe, Rie Tanaka, Ayako Senju, Eiji Shibata, Shunsuke Araki, Seiichi Morokuma, Masafumi Sanefuji, Koichi Kusuhara, Toshihiro Kawamoto.
Comparative study on three different methods for arm-span measurement: the Japan Environment and Children's Study Pilot
Environmental Health and Preventive Medicine 2017 22:28 DOI 10.1186/s12199-017-0632-9

Iwata S, Fujita F, Kinoshita M, Unno M, Horinouchi T, Morokuma S, Iwata O. Dependence of nighttime sleep duration in one-month-old infants on alterations in natural and artificial photoperiod. *Sci Rep*. 2017 Mar 17;7:44749. doi: 10.1038/srep44749.

Michikawa T, Morokuma S, Nitta H, Kato K, Yamazaki S. Comparison between air pollution concentrations measured at the nearest monitoring station to the delivery hospital and those measured at stations nearest the residential postal code regions of pregnant women in Fukuoka
Environmental Health and Preventive Medicine. 2017 (in press).

【2】総説

Furue M, Uchi H, Mitoma C, Hashimoto-Hachiya A, Chiba T, Ito T, Nakahara T, Tsuji G. Antioxidants for Healthy Skin: The Emerging Role of Aryl Hydrocarbon Receptors and Nuclear Factor-Erythroid 2-Related Factor-2. *Nutrients*. 2017 Mar 3;9(3). pii: E223. doi: 10.3390/nu9030223. Review. PubMed PMID: 28273792; PubMed Central PMCID: PMC5372886.

福田俊彦、松井利郎：加齢と食品成分の血管機能改善. *New Food Industry*, 58(3), 23-29 (2016).

松井利郎：イワシペプチドの血圧調節作用. *フードスタイル* 21, 20(12), 160-165 (2016).

須藤信行. 子どもの胃腸と免疫力 腸内細菌と脳腸相関. *教育と医学*. 65 巻 2 号 166-174. 2017.2.

須藤信行. 脳神経系と腸内細菌叢 Microbiota 脳機能と腸内細菌叢. *腸内細菌学雑誌*. 31 巻 1 号 23-32. 2017.1.

須藤信行. 腸内フローラと精神健康・精神疾患 脳-腸-腸内フローラ軸. *分子精神医学*. 17 巻 1 号 11-18. 2017.1.

- 須藤信行. 腸内細菌叢と中枢神経との関連. 心と社会. 47 巻 4 号 52-58. 2016.12.
- 須藤信行. 腸内細菌学の新潮流－基礎医学的見地から新規治療開発まで－ 腸内細菌とストレス応答. 最新医学. 71 巻 9 号 1809-1814. 2016.9.
- 須藤信行. ストレスで悪化する内科疾患－その病態と治療－《知っておきたいストレス関連疾患のメカニズム》腸内細菌と心身相関. Modern Physician. 36 巻 9 号 925-928. 2016.9.
- 須藤信行. 腸内細菌の今日的话题 腸内細菌と精神健康・ストレス関連疾患. 機能性食品と薬理栄養 10 巻 1 号 428-432. 2016.6.
- 須藤信行. 脳とフローラ 腸内細菌とストレス応答・行動特性. BRAIN and NERVE: 神経研究の進歩. 68 巻 6 号 595-605. 2016. 6.
- 須藤信行. 脳腸相関 各種メディエーター、腸内フローラから食品の機能性まで (Part 1)脳腸相関と疾患 うつ. 臨床栄養. 128 巻 6 号 716-721. 2016.5.
- 中島 直樹, 特集糖尿病診療における ICT 革命 I -2.ICT がもたらす医療革命 糖尿病診療の課題と ICT 活用による打破, 月刊糖尿病, vol9, No1, 24-35, 2017.
- 中島 直樹, 「糖尿病情報を活用する将来の糖尿病診療」慢性疾患データ項目セット策定の流れと展望, 日本糖尿病情報学会誌, vol15, 42-51, 2016.
- Reinhold Haux, Sabine Koch, Nigel Lovell, Michael Marschollek, Naoki Nakashima, Klaus-Hendrik Wolf, Health-Enabling and Ambient Assistive Technologies: Past, Present, Future, IMIA Yearbook of Medical Informatics, 30;25(Suppl. 1), 2016.
- 中島 直樹, PHR 事業「電子版生活習慣病管理手帳」の実用化が示す医療への貢献, 新医療, 43(5):22-25, 2016.
- 中島 直樹, 情報通信技術(ICT)を活用した遠隔栄養指導の現状と今後の展開, 臨床栄養, 128(5):551-555, 2016.
- 田口智章. 【特集 先天性横隔膜ヘルニア最新の治療と今後の課題】治療の今後の課題
小児外科. 48(5) : 504-508,2016
- 松浦俊治、高橋良彰、吉丸耕一朗、柳 佑典、落合正行、日高庸博、加藤聖子、田口智章.
新生児生体肝移植の治療選択～産褥期生体ドナーの是非～
日本周産期・新生児医学会雑誌. 51(5) : 1451-1454,2016
- 高安 肇、増本幸二、田口智章、臼井則朗
【特集 先天性横隔膜ヘルニア最新の治療と今後の課題】術後の胸郭・脊椎変形
小児外科. 48(5) : 504-508,2016
- 伊崎智子、宮田潤子、田口智章.
女性医師・男性医師がともに「豊かな人生」を送る外科医社会を目指して-理想の男女共同参画を目指して-
日外会誌. 117(6) : 478-479,2016
- 伊崎智子、田口智章.
【シリーズ：こんなときどうする？（頭頸部・胸部編）】術後嚥下障害.
小児外科. 48(9):963-966.2016
- 田口智章、宗崎良太、木下義晶、田尻達郎.
外科治療の役割と考え方 特集 小児固形がんの最新のトピックス.
小児外科. 48(11) : 1160-1168,2016
- 田口智章.
乳児腸重積症の外科的治療に関する知見からロタウイルスワクチン接種のリスクとベネフィットを考える.
Vaccine Digest. 12:7-8, 2016
- Wakiguchi H, Ohga S:
Clinical utility of the liposteroid therapy: Potential effects on the macrophage activation.
Nihon Rinsho Meneki Gakkai Kaishi 39(3):190-96, 2016

Ohga S:
Genetic diagnosis for congenital hemolytic anemia.
Rinsho Ketsueki 57(10):1908-12, 2016

大賀正一、山城安啓、菅野 仁：
特集 貧血性疾患診療の進歩
先天性溶血性貧血の遺伝子診断
血液内科 73(2):1-6, 2016

大賀正一：広島県小児科医会会報 63 号講演録
予防接種と免疫不全 2016 (in press)

大賀正一：免疫不全と予防接種
香川県小児科医会会誌 総説, 2016 (in press)

大賀正一：先天性溶血性貧血の遺伝子診断
第 78 回日本血液学会 教育講演 臨床血液総説 2016 (in press)

高田英俊：原発性免疫不全症
最新医学 71:755-63, 2016

高田英俊：自然免疫異常 TIR 伝達経路欠損症 IRAK4 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III:667-72, 2016

高田英俊：自然免疫異常 TIR 伝達経路欠損症 MyD88 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III:673-76, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) IL-12 受容体 β 1 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III:741-44, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) IL-12p40 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III:745-47, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) IFN- γ 受容体 1 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III: 748-52, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) IFN- γ 受容体 2 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III, 753-56, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) STAT1 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III: 757-760, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) Macrophage gp91-phox 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III: 761-64, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) IGF8 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III: 765-68, 2016

高田英俊：メンデル遺伝型マイコバクテリア易感染疾患 (Mendelian susceptibility to mycobacterial disease) ISG15 欠損症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III: 769-70, 2016

高田英俊：原発性免疫不全症の表現型をとる疾患 後天的な自己抗体産生による疾 IFN- γ に対する自己抗体による成人発症免疫不全症
別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第 2 版)－その他の免疫疾患を含めて－III: 930-32, 2016

高田英俊：原発性免疫不全症の表現型をとる疾患 後天的な自己抗体産生による疾患 IL-6 に対する自己抗体による反復性皮膚感染症

別冊日本臨床 新領域別症候群シリーズ 36 免疫症候群(第2版)－その他の免疫疾患を含めて－III: 933-34, 2016

高田英俊：クリオピリン関連周期性症候群

小児科診療 2016 年増刊号 79: 350, 2016

實藤雅文：小児の症候群 stiff-person 症候群

小児科診療 79:130, 2016

千手絢子、菅 礼子、諸隈誠一、實藤雅文：エコチル調査～現在と未来の子どもたちのために～第9回 福岡ユニットセンターの活動

チャイルドヘルス 19, 2016

落合正行：多胎児の管理と予後 双胎児の長期予後

産婦人科の実際 65(2) P583-87

山村健一郎：特集 慢性心疾患児の一生を診る Fallot 四徴症

小児内科 48(10):1467-70, 2016

【3】著書

Si Jing Chen, and Toshiro Matsui: Prediction of pre-diabetes and its prevention by food compounds (Chapter 1) In Natural Product Drug Discovery; Discovery and Development of Antidiabetic Natural Products-Part 1 (Ed.) Goutam Brahmachari, Elsevier Book Series, Elsevier (Publisher), UK (2016).

松井利郎：HPLC, GCの測定条件設定テクニックと解析事例集. 第10章第5節 LC-MS法による低分子ペプチドの定性・定量 技術情報協会編、東京 P.304-306, 2016.

松井利郎：食べ物と健康-食品の加工（増補）、太田英明、北畠直文、白土英樹編、健康・栄養科学シリーズ 南江堂（東京）2016, 第9章.

中山二郎：ヒトマイクロバイオーーム研究最前線（第1編第3節）アジア人の腸内細菌叢比較, p27-p42

N Sudo. The Hypothalamic-Pituitary-Adrenal Axis and Gut Microbiota: A Target for Dietary Intervention? Niall Hyland, Catherine Stanton (編集). The Gut-Brain Axis: Dietary, Probiotic, and Prebiotic Interventions on the Microbiota. Academic Press. 293-304. 2016

Yasunobu Nohara, Sozo Inoue, Naoki Nakashima, Smart Sensors and Systems_ Health Sensor Data Analysis for a Hospital and Developing Countries, Springer International Publishing, 485-518, 2016.

清水 周次, 中島 直樹, 工藤 孔梨子, 安德 恭彰, 国際化プロジェクト技術担当者チーム, 遠隔医療カンファレンス 技術担当者になったら読む本 入門編, 2016.

Shuzi Shimizu, Ho-Seong Han, Kuriko Kudo, Yoshiko Houkabe, Yasuaki Antoku, Naoki Nakashima, Telemedicine: Principles and the Future, Jaypee Brothers Medical Publishers, 1352-1356, 2016.

Ohga S, Ishimura M:

Part 4. Platelet and Coagulation Disorders

10. Thrombotic disorders

Hematological Disorders in Children - Pathogenesis and Treatment 2016 (in press)

市村卓也、大賀正一：

VII. 原発性免疫不全症候群 5. 免疫調節不全症

(1)家族性血球貪食性リンパ組織球(FHL)症候群 ①Perforin欠損症(FHL2)

日本臨床別冊「免疫症候群(第2版) III-その他の免疫疾患を含めて-」2016 (in press)

市村卓也、大賀正一：

VII. 原発性免疫不全症候群 5. 免疫調節不全症

(1)家族性血球貪食性リンパ組織球(FHL)症候群 ②UNC13D/Munc13-4欠損症(FHL3)

日本臨床別冊「免疫症候群(第2版) III-その他の免疫疾患を含めて-」2016 (in press)

東 良紘、大賀正一： EBウイルス～EBウイルス感染症が関与する免疫異常～
日本臨床別冊「免疫症候群（第2版）Ⅱ-その他の免疫疾患を含めて-」:721-26, 2016

大賀正一： 23小児科疾患 原発性免疫不全症
今日の治療指-私はこう治療している-
医学書院 1432, 2016

大賀正一： エキスパートのための産婦人科・新生児領域の血液疾患診療の手引き
2. 新生児血栓症
日本産婦人科新生児血液学会編集 2016 (in press)

鈴木信寛、工藤寿子、小阪嘉之、大賀正一、石黒 精、長江千愛、嶋 緑倫、瀧 正志： CVADガイドライン
日本小児血液・がん学会血栓止血委員会編集 2016 (in press)

白幡 聡、高橋幸博、茨 聡、大賀正一、河井昌彦、川口千晴、沢田 健、高橋大二郎、瀧 正志、長江千愛、西久保敏也、
水上尚典、樺山知佳：
新生児DIC診断・治療指針2015年版 日本産婦人科・新生児血液学会 2016 (in press)

大賀正一、菅野 仁： 11 遺伝性球状赤血球症
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 12 口唇赤血球症
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 13 鎌状赤血球症
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 14 不安定ヘモグロビン症
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 15 サラセミア
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 16 グルコース-6-リン酸脱水素酵素欠乏症
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 17 ピルビン酸キナーゼ欠乏性貧血
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 18 11から17までに掲げるもののほか、遺伝性溶血性貧血.
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 19 溶血性貧血(脾機能亢進症によるものに限る)
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 49 先天性プロテインC欠乏症
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 50 先天性プロテインS欠乏症
小児慢性特定疾病 診断と治療社 2016 (in press)

大賀正一、菅野 仁： 51 先天性アンチトロンビン欠乏症
小児慢性特定疾病 診断と治療社 2016 (in press)

長谷川俊史、大賀正一： 小児の症候群, PFAPA症候群
小児科診療別冊 診断と治療社 2016 (in press)

梶本まどか、松重武志、大賀正一： 神経免疫疾患. 小児の神経免疫疾患の治療はどうすればよいか
アクチュアル 脳・神経疾患の臨床 2016 (in press)

市村卓也、大賀正一： VII. 原発性免疫不全症候群 5. 免疫調節不全症 (1)家族性血球貪食性リンパ組織球 (FHL) 症候群

③Syntaxin11欠損症 (FHL4) .

日本臨床別冊「免疫症候群 (第2版) III-その他の免疫疾患を含めて-」 日本臨牀社, 2016 (in press)

市村卓也、大賀正一： VII. 原発性免疫不全症候群 5. 免疫調節不全症 (1)家族性血球貪食性リンパ組織球 (FHL) 症候群

④STXBP2/Munc18-2欠損症 (FHL5) .

日本臨床別冊「免疫症候群 (第2版) III-その他の免疫疾患を含めて-」 日本臨牀社, 2016 (in press)

高田英俊：免疫不全を伴う無汗性臥位は様形成異常症

IRAK4欠損症

My88欠損症

原発性免疫不全症候群診断の手引き 診断と治療社, 2016 (in press)

【4】症例報告

Iida Y, Hasegawa S, Korenaga Y, Okada S, Suzuki Y, Hirano R, Ohga S:

Infliximab therapy for a refractory Kawasaki disease associated with human parvovirus B19 infection.

J Infect Chemother 2016 (submitted)

Takada H, Ishimura M, Takimoto T, Kohagura T, Yoshikawa H, Imaizumi M, Shichijyou K, Shimabukuro Y, Kise T, Hyakuna N, Ohara O, Nonoyama S, Hara T:

Invasive Bacterial Infection in Patients with Interleukin-1 Receptor-associated Kinase 4 Deficiency: Case Report.

Medicine (Baltimore) 95(4):e243, 2016

Yamamura K, Uruno T, Shiraiishi A, Tanaka Y, Ushijima M, Nakahara T, Watanabe M, Kido-Nakahara M, Tsuge I, Furue M, Fukui Y:

The transcription factor EPAS1 links DOCK8 deficiency to atopic skin inflammation via IL-31 induction.

Nat commun 2016 (in press)

Harada M, Honda Y, Hoshina T, Ohga S, Ohshima K, Kusuhara K:

Successful resolution of Epstein-Barr virus infection-associated hemophagocytic lymphohistiocytosis during the treatment course of acute lymphoblastic leukemia.

Pediatr Neurol 2016 (in press)

Narumi H, Hasegawa S, Waki K, Fukuda K, Ohnishi Y, Ichimura T, Fujimoto Y, Katsura S, Kawano H, Ikeda E, Okada S, Ohga S:

Non-androgen secreting adrenocortical carcinoma in preadolescence: a case report and literature review.

J Pediatr Endocrinol Metab 1;29(11):1313-17, 2016

Ozono S, Nishimura M, Noguchi M, Nakagawa S, Ueda K, Inada H, Ohga S, Ito E:

Neonatal near-fatal Diamond-Blackfan anemia due to a novel mutation of ribosomal protein S19.

Pediatr Int 58(9):930-33, 2016

Wakiguchi H, Hasegawa S, Maeba S, Kimura S, Ito S, Tateishi H, Ueda K, Ohga S:

A sporadic neonatal case of epidermolysis bullosa simplex generalized intermediate with KRT5 and KRT14 gene mutations.

Am J Perinatol Rep 6:e108-e111, 2016

Yanagi T, Mizuochi T, Takaki Y, Eda K, Mitsuyama K, Ishimura M, Takada H, Shouval DS, Griffith AE, Snapper SB, Yamashita Y, Yamamoto K:

Novel exonic mutation inducing aberrant splicing in the IL10RA gene and resulting in infantile-onset inflammatory bowel disease: a case report.

BMC Gastroenterol 28;16:10, 2016

Koga Y, Oba U, Kato W, Ono H, Nakashima K, Takada H:

Sudden Death during Palliative Radiotherapy for a Relapsed Osteosarcoma.

J Palliat Med 19(10):1028-29, 2016

Koga Y, Oba U, Kato W, Ono H, Nakashima K, Takada H:

A paediatric case of successful non-myeloablative bone marrow transplantation after azacitidine therapy for non-Down syndrome acute megakaryoblastic leukaemia with monosomy 7.

Pediatr Transplant 20(6):868-70, 2016

Tocan V, Koga Y, Ono H, Nakashima K, Terashi E, Morihana E, Yamamura K, Sakamoto T, Takada H:
Is Metastatic Rhabdomyosarcoma an Indication for Cardioverter Defibrillator Implantation?
Pediatr Blood Cancer 63(8):1501-2, 2016

Nanishi E, Hoshina T, Nishio H, Aman M, Sakamoto A, Ohga S, Hara T:
Intramuscular venous malformation in an infant masquerading as a recurrent gonarthrosis.
Pediatr Neonatol 2016 (in press)

Kanemasa H, Sakai Y, Fukai R, Torio M, Miyake N, Ono H, Akamine S, Nishiyama K, Sanefuji M, Ishizaki Y, Torisu H, Saito H, Matsumoto N, Hara T, Ohga S:
De novo p.Arg756Cys mutation of ATP1A3 causes an atypical form of alternating hemiplegia of childhood with prolonged paralysis and choreoathetosis.
BMC Neurology 16:174, 2016

Ichiyama M, Ohga S, Ochiai M, Fukushima K, Ishimura M, Torio M, Urata M, Hotta T, Kang D, Hara T:
Fetal hydrocephalus and neonatal stroke as the first presentation of protein C deficiency.
Brain Dev 38(2):253-6, 2016

Nagata H, Yamamura K, Nagata K, Uike K, Morihana E, Ihara K, Yumoto Y, Fusazaki N, Kado H, Kato K, Taguchi T, Hara T:
Management of congenital diaphragmatic hernia with transposition of the great arteries.
Pediatr Int 58(6):516-18, 2016

Nishiyama K, Imai T, Ohkubo K, Sanefuji M, Takada H:
Resolution of hydronephrosis in a patient with mucopolysaccharidosis type II with enzyme replacement therapy.
Urology 2016 (accepted)

Matsuoka W, Kaku N, Hirata Y, Lee S, Akahoshi T, Sugimori H, Hayashida M, Souzaki R, Fujita N, Asayama Y, Taguchi T, Takada H, Maehara Y:
Emergent transcatheter arterial embolization for norovirus-associated life-threatening ulcer bleeding to achieve successful hemostasis in 2-year-old boy.
Acute Med Surg 3:415-18, 2016

兼安秀信、脇口宏之、木畑鉄弘、岡崎史子、長谷川俊史、大賀正一：
4種3剤の生ワクチンを初回同時接種した関節型若年性特発性関節炎の2例
小児感染免疫 2016 (in press)

平田悠一郎、李 守永、賀来典之、山村健一郎、馬場晴久、漢那朝雄、杉 森宏、原 寿郎：
保育所、中学校で発生した小児心肺停止
日本小児科学会雑誌 120(7):1099-104, 2016