

福島県立医科大学 学術機関リポジトリ



Title	肥満・体内炎症解析研究講座(論文・著書・発表等)
Author(s)	
Citation	福島県立医科大学業績集. 2: 366-371
Issue Date	2022-03-22
URL	http://ir.fmu.ac.jp/dspace/handle/123456789/1793
Rights	©2022 福島県立医科大学
DOI	
Text Version	publisher

This document is downloaded at: 2024-04-26T17:35:00Z

肥満・体内炎症解析研究講座

論 文

[原 著]

Shimizu M, Manome T, Kumami M, Matsumura K, Kanai K, Shimomura K, Maejima Y. Detection of NUCB2/nesfatin-1 in cerebrospinal fluid of multiple sclerosis patients. *Aging*. 202012; 12(23):24134-24140.

Imai R, Horita S, Ono Y, Hagihara K, Shimizu M, Maejima Y, Shimomura K. Goshajinkigan, a Traditional Japanese Medicine, Suppresses Voltage-Gated Sodium Channel Nav1.4 Currents in C2C12 Cells. *BioResearch Open Access*. 202004; 9(1):116-120.

Hidema S, Kikuchi S, Takata R, Yanai T, Shimomura K, Horie K, Nishimori K. Single administration of resveratrol improves social behavior in adult mouse models of autism spectrum disorder. *Bioscience, Biotechnology, and Biochemistry*. 202011; 84(11):2207-2214.

Hashimoto S, Nagai M, Ohira T, Fukuma S, Hosoya M, Yasumura S, Satoh H, Suzuki H, Sakai A, Ohtsuru A, Kawasaki Y, Takahashi A, Okazaki K, Kobashi G, Kamiya K, Yamashita S, Fukuhara S, Ohto H; Fukushima Health Management Survey Group. Influence of post-disaster evacuation on incidence of hyperuricemia in residents of Fukushima Prefecture: the Fukushima Health Management Survey. *Clinical and Experimental Nephrology*. 202011; 24(11):1025-1032.

Sakamoto A, Matsuzauka T, Yamaya Y, Suzuki S, Iwadate M, Suzuki S, Hashimoto Y, Suzuki O, Suzuki S, Yokoya S, Ohira T, Yasumura S, Ohto H, Kamiya K, Shimura H. Cytological examination of the thyroid in children and adolescents after the Fukushima Nuclear Power Plant accident: the Fukushima Health Management Survey. *Endocrine Journal*. 202012; 67(12):1233-1238.

Jin YR, Han XH, Nishimori K, Ben-Avraham D, Oh YJ, Shim JW, Yoon JK. Canonical WNT/ β -Catenin Signaling Activated by WNT9b and RSPO2 Cooperation Regulates Facial Morphogenesis in Mice. *Frontiers in Cell and Developmental Biology*. 202005; 8:264.

Hayashi R, Kasahara Y, Hidema S, Fukumitsu S, Nakagawa K, Nishimori K. Oxytocin Ameliorates Impaired Behaviors of High Fat Diet-Induced Obese Mice. *Frontiers in Endocrinology*. 202006; 11:379.

Go H, Ohto H, Nolle KE, Takano S, Kashiwabara N, Chisiki M, Maeda H, Imamura T, Kawasaki Y, Momoi N, Hosoya M. Using Platelet Parameters to Anticipate Morbidity and Mortality Among Preterm Neonates: A Retrospective Study. *Frontiers in Pediatrics*. 202003; 8:90.

Takebayashi Y, Maeda M, Orui M, Nakajima S, Momoi M, Ito A, Sato H, Yasumura S, Ohto H. Resilience

Factors Contributing to Mental Health Among People Affected by the Fukushima Disaster: Development of Fukushima Resilience Scale. *Frontiers in Public Health*. 202005; 8:159.

Ono Y, Goto A, Maejima Y, Maruyama I, Suzuki T, Shikama Y, Yoshida-Komiya H. Work-life conflict, gender-based discrimination, and their associations among professionals in a medical university and affiliated hospitals in Japan: A cross-sectional study. *Fukushima journal of medical science*. 20200422; 66(1):25.

Watanabe M, Ohto H, Tormey CA, Yasuda H, Takano N, Minakawa K, Ono S, Yamada-Abe M, Suzuki H, Sugawara A, Kawabata K, Nollet KE, Ikeda K. Immunogenicity of red cell alloantigens in the Japanese population. *International Journal of Blood Transfusion and Immunohematology*. 202010; 10(2):100053Z02MW2020.

Go H, Ohto H, Nollet KE, Kashiwabara N, Ogasawara K, Chishiki M, Hiruta S, Sakuma I, Kawasaki Y, Hosoya M. Risk factors and treatments for disseminated intravascular coagulation in neonates. *Italian Journal of Pediatrics*. 202004; 46(1):54.

Sano H, Mochizuki K, Kobayashi S, Ono S, Ikeda K, Ohto H, Kikuta A. Two Occurrences of Leukemia Relapse Due to Mismatched HLA Loss After Haploidentical Stem Cell Transplantation From Different Family Donors with KIR Ligand Mismatch. *Journal of Pediatric Hematology/Oncology*. 202003; 42(2):e104-e106.

Takahashi A, Ohira T, Okazaki K, Yasumura S, Sakai A, Maeda M, Yabe H, Hosoya M, Ohtsuru A, Kawasaki Y, Shimabukuro M, Kazama J, Hashimoto S, Watanabe K, Nakano H, Hayashi F, Ohto H, Kamiya K, Ohira H. Effects of Psychological and Lifestyle Factors on Metabolic Syndrome Following the Fukushima Daiichi Nuclear Power Plant Accident: The Fukushima Health Management Survey. *Journal of Atherosclerosis and Thrombosis*. 202009; 27(9):1010-1018.

Takahashi K, Takahashi H, Nakaya T, Yasumura S, Ohira T, Ohto H, Ohtsuru A, Midorikawa S, Suzuki S, Shimura H, Yamashita S, Tanigawa K, Kamiya K. Factors Influencing the Proportion of Non-examinees in the Fukushima Health Management Survey for Childhood and Adolescent Thyroid Cancer: Results From the Baseline Survey. *Journal of Epidemiology*. 202007; 30(7):301-308.

Kogami Y, Tsuji T, Tsuji C, Yokoyama S, Furuwara K, Lopatina O, Shabalova A, Salmina AB, Watanabe Y, Hattori T, Nishimori K, Kodama K, Higashida H. A monoclonal antibody raised against a synthetic oxytocin peptide stains mouse hypothalamic neurones. *Journal of Neuroendocrinology*. 202004; 32(4):e12815.

Ohira T, Shimura H, Hayashi F, Nagao M, Yasumura S, Takahashi H, Suzuki S, Matsuzuka T, Suzuki S, Iwadata M, Ishikawa T, Sakai A, Suzuki S, Nollet KE, Yokoya S, Ohto H, Kamiya K; Fukushima Health Management Survey Group. Absorbed radiation doses in the thyroid as estimated by UNSCEAR and subsequent risk of childhood thyroid cancer following the Great East Japan Earthquake. *Journal of Radiation Research*. 202003; 61(2):243-248.

Sakai A, Nakano H, Ohira T, Maeda M, Okazaki K, Takahashi A, Kawasaki Y, Satoh H, Ohtsuru A, Shimabukuro M, Kazama J, Hashimoto S, Hosoya M, Yasumura S, Yabe H, Ohto H, Kamiya K; Fukushima Health Management Survey Group. Relationship between the prevalence of polycythemia and

factors observed in the mental health and lifestyle survey after the Great East Japan Earthquake. *Medicine*. 202001; 99(1):e18486.

Takahashi H, Yasumura S, Takahashi K, Ohira T, Ohtsuru A, Midorikawa S, Suzuki S, Shimura H, Ishikawa T, Sakai A, Suzuki S, Yokoya S, Tanigawa K, Ohto H, Kamiya K. Nested matched case control study for the Japan Fukushima Health Management Survey's first full-scale(second-round) thyroid examination. *Medicine*. 202007; 99(27):e20440.

Romanov RA, Tretiakov EO, Kastriti ME, Zupancic M, Häring M, Korchynska S, Popadin K, Benevento M, Rebernik P, Lallemand F, Nishimori K, Clotman F, Andrews WD, Parnavelas JG, Farlik M, Bock C, Adameyko I, Hökfelt T, Keimpema E, Harkany T. Molecular design of hypothalamus development. *Nature*. 202006; 582(7811):246-252.

Newmaster KT, Nolan ZT, Chon U, Vanselow DJ, Weit AR, Tabbaa M, Hidema S, Nishimori K, Hammock EAD, Kim Y. Quantitative cellular-resolution map of the oxytocin receptor in postnatally developing mouse brains. *Nature Communications*. 202004; 11(1):1885.

Horie K, Inoue K, Nishimori K, Young LJ. Investigation of Oxt^r-expressing Neurons Projecting to Nucleus Accumbens using Oxt^r-ires-Cre Knock-in prairie Voles (*Microtus ochrogaster*). *Neuroscience*. 202011; 448:312-324.

Watarai A, Tsutaki S, Nishimori K, Okuyama T, Mogi K, Kikusui T. The blockade of oxytocin receptors in the paraventricular thalamus reduces maternal crouching behavior over pups in lactating mice. *Neuroscience Letters*. 202002; 720:134761.

Maejima Y, Yokota S, Horita S, Shimomura K. Early life high-fat diet exposure evokes normal weight obesity. *Nutrition & Metabolism*. 202006; 17:48.

Maejima Y, Horita S, Otsuka A, Hidema S, Nishimori K, Shimomura K. Oral oxytocin delivery with proton pump inhibitor pretreatment decreases food intake. *Peptides*. 202006; 128:170312.

Go H, Ohto H, Nolle KE, Kashiwabara N, Chisiki M, Hoshino M, Ogasawara K, Kawasaki Y, Momoi N, Hosoya M. Perinatal factors affecting platelet parameters in late preterm and term neonates. *PLOS ONE*. 202011; 15(11):e0242539.

Ono Y, Maejima Y, Saito M, Sakamoto K, Horita S, Shimomura K, Inoue S, Kotani J. TAK-242, a specific inhibitor of Toll-like receptor 4 signalling, prevents endotoxemia-induced skeletal muscle wasting in mice. *Scientific Reports*. 202001; 10(1):694.

Horiai M, Otsuka A, Hidema S, Hiraoka Y, Hayashi R, Miyazaki S, Furuse T, Mizukami H, Teruyama R, Tamura M, Bito H, Maejima Y, Shimomura K, Nishimori K. Targeting oxytocin receptor (Oxt^r)-expressing neurons in the lateral septum to restore social novelty in autism spectrum disorder mouse models. *Scientific Reports*. 202012; 10(1):22173.

Oduori OS, Murao N, Shimomura K, Takahashi H, Zhang Q, Dou H, Sakai S, Minami K, Chanclon B, Guida C, Kothegala L, Tolö J, Maejima Y, Yokoi N, Minami Y, Miki T, Rorsman P, Seino S. Gs/Gq signaling switch in β cells defines incretin effectiveness in diabetes. *Journal of Clinical Investigation*. 202012; 130(12):6639-6655.

Hirayama T, Hiraoka Y, Kitamura E, Miyazaki S, Horie K, Fukuda T, Hidema S, Koike M, Itakura A, Takeda S, Nishimori K. Oxytocin induced labor causes region and sex-specific transient oligodendrocyte cell death in neonatal mouse brain. *Journal of Obstetrics and Gynaecology Research*. 202001; 46(1):66-78.

Ikeda K, Ohto H, Yamada-Fujiwara M, Okuyama Y, Fujiwara S, Muroi K, Mori T, Kasama K, Kanamori H, Iseki T, Nagamura-Inoue T, Kameda K, Kanda J, Nagai K, Fujii N, Ashida T, Hirose A, Takahashi T, Minakawa K, Tanosaki R. Hamatopoietic cell infusion-related adverse events in pediatric/small recipients in a prospective/multicenter study. *Transfusion*. 202005; 60(5):1015-1023.

Ogasawara K, Ohto H, Takano N, Nollet K, Go H, Sato M, Momoi N, Hosoya M. Assessment of a downsized potassium adsorption filter designed to transfuse neonates. *Transfusion*. 202011; 60(11):2494-2499.

Kimura S, Ohkawara H, Minakawa K, Fukatsu M, Mori H, Takahashi H, Harada-shirado K, Ohara Y, Takahashi N, Mochizuki K, Sano H, Nollet KE, Ogawa K, Ohto H, Kikuta A, Ikeda K, Ikezoe T. Optimal timing of apheresis for the efficient mobilization of peripheral blood progenitor cells recruited by high-dose granulocyte colony-stimulating factor in healthy donors. *Transfusion and Apheresis Science*. 202006; 59(3):102737.

Takeshita A, Watanabe H, Yamada C, Nadarajan VS, Permpikul P, Sinkitjasub A, Natalie CPH, Zhao S, Han KS, Kim DW, Suh JS, Kim HO, Kawabata K, Ishimaru K, Ohtomo N, Yamada N, Tomoda Y, Yurugi K, Ohto H. Erythrocyte Alloimmunity and Genetic Variance:Results from the Collaborative Study of Alloimmunity to Antigen Diversity in Asian Populations(All ADP). *Transfusion and Apheresis Science*. 202010; 59(5):102944.

Ohto H, Denomme GA, Ito S, Ishida A, Nollet KE, Yasuda H. Three non-classical mechanisms for anemic disease of the fetus and newborn, based on maternal anti-kell, anti-Ge3, anti-M, and anti-Jra cases. *Transfusion and Apheresis Science*. 202010; 59(5):102949.

Meyer MAA, Anstötz M, Ren LY, Fiske MP, Guedea AL, Grayson VS, Schroth SL, Cicvaric A, Nishimori K, Maccaferri G, Radulovic J. Stress-related memories disrupt sociability and associated patterning of hippocampal activity: a role of hilar oxytocin receptor-positive interneurons. *Translational Psychiatry*. 202012; 10(1):428.

Yamada C, Takesita A, Ohto H, Ishimaru K, Kawabata K, Nomaguchi Y, Haraguchi Y, Abe M, Sobue K, Takenouchi H, Takadate J, Kamimura M, Katai A, Kasai D, Minami Y, Sugimoto T, Michino J, Nagai K, Kumagai M, Hasegawa Y, Ishizuka K, Ohtomo N, Yamada N, Muroi K, Matsushita T, Takahashi K. A Japanese multi-institutional collaborative study of antigen-positive red blood cell(RBC) transfusions in patients with corresponding RBC antibodies. *Vox Sanguinis*. 202007; 115(5):456-465.

〔総説等〕

Ohto H. Extension of Homo Sapiens Adapting to Every Environment with Divergent Phenotypes: Blood Type Incompatible in Pregnancy as an Abaxial Phenomenon. *Transfusion and Apheresis Science*. 202010; 59(5):102943.

伊藤正一, 大戸斉. トピックス「KANNO 血液型」. *検査と技術*. 202010; 48(10):1098-1102.

研究発表等

〔研究発表〕

Ikeda K, Muroi K, Ikeda K, Iseki T, Okuyama Y, Omokawa S, Yamamoto K, Kanamori H, Matsuzaki K, Ohto H. CERTIFICATION OF “QUALIFIED APHERESIS NURSE” BY THE JAPAN SOCIETY OF TRANSFUSION MEDICINE AND CELL THERAPY; A SUMMARY OF 10-YEAR EXPERIENCE OF CERTIFICATION AND RENEWAL PROCESS. *ISBT2020; 20201212-16; Web. Vox Sanguinis*. 115(S1):85.

玉井佳子, 大戸斉, 藤井伸司, 小郷博昭, 矢澤百合香, 谷内田尚美, 山本晃士, 阿南昌弘, 三谷絹子, 篠原茂, 菅野仁, 槍澤大樹, 岡本好雄, 長嶋宏晃, 久米田麻衣, 田中一人, 山田舞衣子, 北澤淳一. 未成年者の抗赤血球抗体に関する多施設共同研究～移行抗体を除く抗体保有率と抗体産生率について～. 第 68 回日本輸血・細胞治療学会学術総会; 20200528; 誌上. *日本輸血細胞治療学会誌*. 66(2):303.

山田千亜希, 竹下明裕, 石丸健, 川畑絹代, 野間口由利子, 原口安江, 阿部操, 祖父江晃基, 竹ノ内博之, 高館潤子, 上村正巳, 高橋孝喜, 大戸斉. 不規則抗体陽性例に対する赤血球製剤輸血に関する多施設共同研究－抗体別の輸血副反応の発現と内容に関する検討－. 第 68 回日本輸血・細胞治療学会学術総会; 20200528; 誌上. *日本輸血細胞治療学会誌*. 66(2):303.

三村耕作, 河野浩二, 大戸斉, 池田和彦. 腹膜播種を伴う進行胃癌に対する NK 細胞療法の可能性について. 第 68 回日本輸血・細胞治療学会学術総会; 20200529; 誌上. *日本輸血細胞治療学会誌*. 66(2):341.

山田千亜希, 竹下明裕, 名倉豊, 李悦子, 川畑絹代, 万木紀美子, 道野淳子, 日高陽子, 大友直樹, 林泰弘, 谷田部元野, 三浦康生, 岡崎仁, 大戸斉. 抗 CD38 抗体治療に関わる輸血検査上の問題点とその対処法に関する国内共同研究. 第 68 回日本輸血・細胞治療学会学術総会; 20200529; 誌上. *日本輸血細胞治療学会誌*. 66(2):361.

池田和彦, 皆川敬治, 大戸斉. 造血細胞輸注有害事象研究における 2020 年までの総括と今後. 第 117 回日本輸血・細胞治療学会東北支部例会; 20200905-30; Web.

大戸斉, Kenneth E Nollet, 伊藤正一, 桂木真司, 安田広康. 血球分化における不規則抗体の発生と新生児溶血性貧血性疾患. 第 30 回日本産婦人科・新生児血液学会学術集会; 20201221-26; Web. *日本産婦人科・新生児血液学会誌*. 30(1):S25-S26.

嶋恵理子, 郷勇人, 柏原祥暉, 宮崎恭平, 知識美奈, 前田創, 清水裕美, 小笠原啓, 今村孝, 佐藤真紀, 大戸斉. 抗 HLA-A31+B61 抗体による新生児同種免疫性血小板減少症を合併した Down 症候群の一例. 第 30 回日本

産婦人科・新生児血液学会学術集会; 20201221-26; Web. 日本産婦人科・新生児血液学会誌. 30(1):S74.

〔シンポジウム〕

大戸齊. 新血液型 KANNO を科学する. 第 68 回日本輸血・細胞治療学会学術総会; 20200529; 誌上. 日本輸血細胞治療学会誌. 66(2):266.

〔特別講演〕

大戸齊. 鼎談 輸血・細胞治療の未来を担う若手に託すこと 鼎談-2 先人の知恵を次世代に継ぐ. 第 68 回日本輸血・細胞治療学会学術総会; 20200529; 誌上. 日本輸血細胞治療学会誌. 66(2):189.

〔その他〕

大戸齊. 指定教育セミナー3 学会認定・臨床輸血看護師制度協議会：看護師ブラッシュアップセミナー～認定開始 10 周年記念～ 学会認定・臨床輸血看護師制度の幕開けから現在まで. 第 68 回日本輸血・細胞治療学会学術総会; 20200530; 誌上. 日本輸血細胞治療学会誌. 66(2):291.

過年業績

前島裕子. ランチョンセミナー18 オキシトシンと漢方薬. 第 92 回日本内分泌学会学術総会; 20190510; 仙台.

運動器骨代謝学講座学講座

論 文

〔原 著〕

Hakozaki M, Kawakami R, Sasaki N, Toshiki N, Kaneuchi Y, Yamada H, Konno S. Salvage Reconstruction with the Masquelet Technique Following Wide Resection for Chondrosarcoma of the Proximal Femoral Metaphysis: A Case Report. *In Vivo*. 202011; 34(6):3495-3501.

〔症例報告〕

Kaneuchi Y, Hakozaki M, Yamada H, Hasegawa O, Yamada S, Oka Y, Watanabe K, Konno S. Very late relapse of high-grade osteosarcoma: A case report and review of the literature. *Medicine*. 202007; 99(29):e21206.

〔その他〕