

SCIENTIFIC ACHIEVEMENTS OF SHINSHU UNIVERSITY SCHOOL OF
MEDICINE, SHINSHU UNIVERSITY GRADUATE SCHOOL OF MEDICINE,
AND SHINSHU UNIVERSITY HOSPITAL

信州大学医学部医学科・大学院医学系研究科・医学部附属病院業績録
No.48 (2019)



信州大学医学部業績録編集要項（抜粋）

（平成28年12月29日改正）

2. 収録対象

信州大学医学部医学科・大学院医学系研究科・医学部附属病院及び出版委員会で認められた施設等に所属する者（当該年に在籍した者全員）

3. 収録内容

収録対象は、本文が欧文で執筆された研究業績とし、次の3項目に分ける。

1) 論文

原著、綜説、展望、症例報告、速報、予報で、査読のある学術雑誌に発表のもの。
学術集会記録（全国的又は世界的規模の集会記録で、原著論文と同様の内容もち、別刷が発行されているもの）

2) 著書

単行書、分担執筆。

3) その他

治療指針、トピックス、事典等、専門的知見にもとづき執筆された、論文形式の記事

ただし、以下のものは除外する。

- (イ) 学会発表の抄録（邦文、欧文を問わない。論文型式をとっていても学会発表に関するもの及び1頁ものの速報は抄録とみなす）
- (ロ) セミナー、シンポジウム、その他の講演のテキストないし記録。
- (ハ) 業務報告書（文部科学省、厚生労働省、その他助成機関への研究報告書）
- (ニ) 座談会記事。
- (ホ) 学会記。
- (ヘ) 論文形式をとらない質疑応答（Q and A）、問題集の解説、話題、グラビア等に類するもの。
- (ト) 新聞・週刊誌記事、教育に関する記事、人物紹介、書評、随筆など学術性が認められないもの。
- (チ) 著者表示が団体名で個人の著者性が認められないもの。

4. 収録期間

毎年1月～12月

SCIENTIFIC ACHIEVEMENTS OF
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信州大学医学部医学科・大学院医学系研究科・

医学部附属病院業績録

No. 48

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Aging Biology

20190001 Dai J, Ding X, Miyahara H, Xu Z, Cui X, Igarashi Y, Sawashita J, Mori M, Higuchi K : Suppression of mouse AApoAII amyloidosis progression by daily supplementation with oxidative stress inhibitors. *Oxid. Med. Cell. Longev* 2019: 1263274, 2019.

Molecular Pathology

20190002 Yamanoi M, Fujii C, Yamanoi K, Fukuda MN, Nakayama J : Annexin A1 expression is correlated with malignant potential of renal cell carcinoma. *Int J Urol* 26: 284-290, 2019.

20190003 Hirose T, Takahashi N, Tangkawattana P, Minaguchi J, Mizumoto S, Yamada S, Miyake N, Hayashi S, Hatamochi A, Nakayama J, Yamaguchi T, Hashimoto A, Nomura Y, Takehana K, Kosho T, Watanabe T : Structural alteration of glycosaminoglycan side chains and spatial disorganization of collagen networks in the skin of patients with mcEDS-CHST14. *Biochim Biophys Acta Gen Subj* 1863: 623-631, 2019.

20190004 Wang X, Tanaka N, Hu X, Kimura T, Lu Y, Jia F, Sato Y, Nakayama J, Moriya K, Koike, K, Aoyama T : A high-cholesterol diet promotes steatohepatitis and liver tumorigenesis in HCV core gene transgenic mice. *Arch Toxicol* 93: 1713-1725, 2019.

20190005 Kawakubo M, Komura H, Goso Y, Okumura M, Sato Y, Fujii C, Miyashita M, Arisaka N, Harumiya S, Yamanoi K, Yamada S, Kakuta S, Kawashima H, Fukuda MN, Fukuda M, Nakayama J : Analysis of A4gnt knockout mice reveals an essential role for gastric sulfomucins in preventing gastritis cystica profunda. *J Histochem Cytochem* 67: 759-770, 2019.

20190006 Sanjo H, Nakayama J, Yoshizawa T, Fehling HJ, Akira S, Taki S : TAK1 safeguards macrophages against proinflammatory cell death. *J Immunol* 203: 783-788, 2019.

20190007 Ida K, Yamanoi K, Asaka S, Takeuchi H, Miyamoto T, Shiozawa T, Nakayama J : α GlcNAc and its catalyst α 4GnT are diagnostic and prognostic markers in uterine cervical tumor, gastric type. *Sci Rep* 9: 13043, 2019.

20190008 Desamero MJ, Kakuta S, Tang Y, Chambers JK, Uchida K, Estacio MA, Cervancia C, Kominami Y, Ushio H, Nakayama J, Nakayama H, Kyuwa S : Tumor-suppressing potential of stingless bee propolis in in vitro and in vivo models of differentiated-type gastric adenocarcinoma. *Sci*

Rep 9: 19635, 2019.

Metabolic Regulation

20190009 Wang X, Tanaka N, Hu X, Kimura T, Lu Y, Jia F, Sato Y, Nakayama J, Moriya K, Koike K, Aoyama T : A high-cholesterol diet promotes steatohepatitis and liver tumorigenesis in HCV core gene transgenic mice. *Arch Toxicol* 93: 1713-1725, 2019.

20190010 Lu Y, Harada M, Kamijo Y, Nakajima T, Tanaka N, Sugiyama E, Kyogashima M, Gonzalez FJ, Aoyama T : Peroxisome proliferator-activated receptor α attenuates high-cholesterol diet-induced toxicity and pro-thrombotic effects in mice. *Arch Toxicol* 93: 149-161, 2019.

20190011 Guo R, Hu X, Yamada Y, Harada M, Nakajima T, Kashihara T, Yamada M, Aoyama T, Kamijo Y : Effects of hypertension and antihypertensive treatments on sulfatide levels in serum and its metabolism. *Hypertens Res* 42: 598-609, 2019.

20190012 Yamada Y, Harada M, Hashimoto K, Guo R, Nakajima T, Kashihara T, Yamada M, Aoyama T, Kamijo Y : Impact of chronic kidney dysfunction on serum sulfatides and its metabolic pathway in mice. *Glycoconj J* 36: 1-11, 2019.

20190013 Tanaka N, Kimura T, Fujimori N, Nagaya T, Komatsu M, Tanaka E : Current status, problems, and perspectives of non-alcoholic fatty liver disease research. *World J Gastroenterol* 25: 163-177, 2019.

20190014 Wang BL, Zhang CW, Wang L, Tang KL, Tanaka N, Gonzalez FJ, Xu Y, Fang ZZ : Lipidomics reveal aryl hydrocarbon receptor (Ahr)-regulated lipid metabolic pathway in alpha-naphthyl isothiocyanate (ANIT)-induced intrahepatic cholestasis. *Xenobiotica* 49: 591-601, 2019.

20190015 Sato M, Horiuchi A, Tamaki M, Ichise Y, Kajiyama M, Yamamoto Y, Tanaka N : Safety and effectiveness of nurse-administered propofol sedation in outpatients undergoing gastrointestinal endoscopy. *Clin Gastroenterol Hepatol* 17: 1098-1104, 2019.

20190016 Horiuchi A, Sakai R, Tamaki M, Kajiyama M, Tanaka N, Morikawa A : Gastric emptying of elemental liquid diets versus semisolid diets in bedridden gastrostomy-fed patients. *J Clin Gastroenterol* 53: 373-378, 2019.

20190017 Kimura T, Tanaka N, Tanaka E : What will happen in patients with advanced nonalcoholic fatty liver disease. *HepatoBiliary Surg Nutr* 8: 283-285, 2019.

20190018 Horiuchi A, Ikuse T, Tanaka N : Cold snare polypectomy: indications, devices, techniques, outcomes and future. *Dig Endosc* 31: 372-377, 2019.

20190019 Wakabayashi SI, Kimura T, Tanaka N, Komatsu M, Tanaka E : Red plasma and ascites under ultraviolet A. *Lancet Gastroenterol Hepatol* 4: 324-324, 2019.

Cardiovascular Research

20190020 Yamauchi A, Kamiyoshi A, Sakurai T, Miyazaki H, Hirano E, Lim HS, Kaku T, Shindo T. : Placental extract suppresses cardiac hypertrophy and fibrosis in an angiotensin II-induced cachexia model in mice . *Heliyon*. 5: e02655, 2019.

20190021 Yamauchi A, Tone T, Sugimoto K, Lim HS, Kaku T, Tohda C, Shindo T, Tamada K, Mizukami Y, Hirano E. : Porcine placental extract facilitates memory and learning in aged mice . *Food Sci Nutr*. 7: 2995-3005, 2019.

20190022 Matsui S, Tanaka M, Kamiyoshi A, Sakurai T, Ichikawa-Shindo Y, Kawate H, Dai K, Cui N, Wei Y, Tanaka M, Kakihara S, Nakamura K, Yamauchi A, Ishida K, Tanaka S, Kawamata M, Shindo T. : Endogenous calcitonin gene-related peptide deficiency exacerbates postoperative lymphedema by suppressing lymphatic capillary formation and M2 macrophage accumulation. *Am J Pathol*. 189: 2487-2502, 2019.

20190023 Yamauchi A, Kamiyoshi A, Sakurai T, Miyazaki H, Hirano E, Lim HS, Kaku T, Shindo T. : Development of a mouse iron overload-induced liver injury model and evaluation of the beneficial effects of placenta extract on iron metabolism. *Heliyon*. 5: e01637, 2019.

20190024 Sakurai T, Kamiyoshi A, Takei N, Watanabe S, Sato M, Shindo T. : Bindel-PCR: a novel and convenient method for identifying CRISPR/Cas9-induced biallelic mutants through modified PCR using *Thermus aquaticus* DNA polymerase. *Sci Rep*. 9: 9923, 2019.

20190025 Hirabayashi K, Tanaka M, Imai A, Toriyama Y, Iesato Y, Sakurai T, Kamiyoshi A, Ichikawa-Shindo Y, Kawate H, Tanaka M, Dai K, Cui N, Wei Y, Nakamura K, Iida S, Matsui S, Yamauchi A, Murata T, Shindo T. : Development of a novel model of central retinal vascular occlusion and the therapeutic potential of the adrenomedullin-RAMP2 system. *Am J Pathol*. 189: 449-466, 2019.

20190026 Shindo T, Tanaka M, Kamiyoshi A, Ichikawa-Shindo Y, Kawate H, Yamauchi A, Sakurai T. : Regulation

of cardiovascular development and homeostasis by the adrenomedullin-RAMP system . *Peptides*. 111: 55-61, 2019.

20190027 Sakurai T, Kamiyoshi A, Ohtsuka M, Gurumurthy CB, Sato M, Shindo T. : Isolation and analysis of a genome-edited single-hepatocyte from a Cas9 transgenic mouse line. In: Liu C, Du Y (eds.). *Methods in Molecular Biology*. Berlin: Springer; 2019. p.257-271.

Sports Medical Sciences

20190028 Masuki S, Morikawa M, Nose H : High-Intensity Walking Time Is a Key Determinant to Increase Physical Fitness and Improve Health Outcomes After Interval Walking Training in Middle-Aged and Older People. *Mayo Clin Proc* 94(12): 2415-2426, 2019.

Histology and Embryology

20190029 Hirashima K, Yue F, Kobayashi M, Uchida Y, Nakamura S, Tomotsune D, Matsumoto K, Takizawa-Shirasawa S, Yokoyama T, Kanno H, Sasaki K : Cell biological profiling of reprogrammed cancer stem cell-like colon cancer cells maintained in culture. *Cell Tissue Res* 375: 697-707, 2019.

20190030 Shigemura T, Matsuda K, Kurata T, Sakashita K, Okuno Y, Muramatsu H, Yue F, Ebihara Y, Tsuji K, Sasaki K, Nakahata T, Nakazawa Y, Koike K : Essential role of PTPN11 mutation in enhanced haematopoietic differentiation potential of induced pluripotent stem cells of juvenile myelomonocytic leukaemia. *Br J Haematol* 187: 163-173, 2019.

Anatomy

20190031 Karasawa M, Yokouchi K, Kawagishi K, Moriizumi T, Fukushima N : Effects of various lengths of hypoglossal nerve resection on motoneuron survival. *J Clin Neurosci* 60: 128-131, 2019.

20190032 Kakegawa A, Mori Y, Tsuchiya A, Sumitomo N, Fukushima N, Moriizumi T : Independent Attachment of Lateral Ankle Ligaments: Anterior Talofibular and Calcaneofibular Ligaments - A Cadaveric Study. *J Foot Ankle Surg* 58: 717-722, 2019.

20190033 Tensho K, Iwaasa T, Koyama S, Yoshida K, Shimodaira H, Horiuchi H, Kato H, Saito N, Fukushima N : The interrelationship between anterior cruciate ligament tibial footprint and anterolateral meniscal root insertions: Quantitative, morphological and positional analyses using three-dimensional computed tomography images. *Knee* 26:

969-977, 2019.

Molecular Pathophysiology

20190034 Shih, C.M., Lin, F.Y., Yeh, J.S., Lin, Y.W., Loh, S.H., Tsao, N.W., Nakagami, H., Morishita, R., Sawamura, T., Li, C.Y., Lin, C.Y. and Huang, C.Y. : Dysfunctional high density lipoprotein failed to rescue the function of oxidized low density lipoprotein-treated endothelial progenitor cells: a novel index for the prediction of HDL functionality. *Transl Res* 205: 17-32, 2019.

20190035 Kakino, A., Usami, Y., Horiuchi, S., Fujita, Y., Kotani, K., Chen, C.H., Okamura, T. and Sawamura, T. : A novel cell-free, non-fluorescent method to measure LOX-1-binding activity corresponding to the functional activity of HDL. *J Atheroscler Thromb* 26: 947-958, 2019.

Molecular Cellular Physiology

20190036 Mori T, Kasem EA, Suzuki-Kouyama E, Cao X, Li X, Kurihara T, Uemura T, Yanagawa T, Tabuchi K. : Deficiency of calcium/calmodulin-dependent serine protein kinase disrupts the excitatory-inhibitory balance of synapses by down-regulating GluN2B. *Mol Psychiatry*. 24(7): 1079-1092, 2019.

Molecular Pharmacology

20190037 Yamada Y, Harada M, Hashimoto K, Guo R, Nakajima T, Kashihara T, Yamada M, Aoyama T, Kamijo Y : Impact of chronic kidney dysfunction on serum sulfatides and its metabolic pathway in mice. *Glycoconj J* 36: 1-11, 2019.

20190038 Guo R, Hu X, Yamada Y, Harada M, Nakajima T, Kashihara T, Yamada M, Aoyama T, Kamijo Y : Effects of hypertension and antihypertensive treatments on sulfatide levels in serum and its metabolism. *Hypertens Res* 42: 598-609, 2019.

20190039 Zhang H, Kashihara T, Nakada T, Tanaka S, Ishida K, Fuseya S, Kawagishi H, Kiyosawa K, Kawamata M, Yamada M : Prostanoid EP4 receptor-mediated augmentation of Ih currents in A β dorsal root ganglion neurons underlies neuropathic pain. *J Pharmacol Exp Ther* 368: 50-58, 2019.

Pathology

20190040 Ohya M, Nakazawa K, Kanno H : Lower number of 5-hydroxymethylcytosine-expressing cells in plasma cell myeloma than in reactive plasma cell

hyperplasia: a useful immunohistochemical approach for identification of neoplastic plasma cells. *Pathology* 51: 81-85, 2019.

20190041 Kustiarini DA, Nishigaki T, Kanno H, To H : Effects of *Morinda citrifolia* on rheumatoid arthritis in SKG mice. *Biol Pharm Bull* 42: 496-500, 2019.

20190042 Hirashima K, Yue F, Kobayashi M, Uchida Y, Nakamura S, Tomotsune D, Matsumoto K, Takizawa-Shirasawa S, Yokoyama T, Kanno H, Sasaki K : Cell biological profiling of reprogrammed cancer stem cell-like colon cancer cells maintained in culture. *Cell Tissue Res* 375: 697-707, 2019.

20190043 Hardian RF, Goto T, Kuwabara H, Hanaoka Y, Kobayashi S, Kanno H, Shimojo H, Horiuchi T, Hongo K : An autopsy case of widespread brain dissemination of glioblastoma unnoticed by magnetic resonance imaging after treatment with bevacizumab. *Surg Neurol Int* 10: 137, 2019.

20190044 Ichimata S, Kobayashi M, Ohya M, Otsuki T, Yanagisawa K, Tateishi K, Kato A, Matsuo A, Kanno H : A fulminant case of classical Hodgkin lymphoma: A diagnostic dilemma of Epstein-Barr virus-positive large B-cell neoplasms. *Pathol Int* 69: 407-413, 2019.

20190045 Ohya M, Kobayashi M, Sozuki T, Kanno H, Nakazawa K : Malignant peritoneal mesothelioma diagnosed 50 years post-radiotherapy for ovarian cancer in a patient with a history of multiple malignancies: An autopsy case. *Mol Clin Oncol* 11: 397-400, 2019.

20190046 Yamamoto Y, Tsuzuki T, Akatsuka J, Ueki M, Morikawa H, Numata Y, Takahara T, Tsuyuki T, Tsutsumi K, Nakazawa R, Shimizu A, Maeda I, Tsuchiya S, Kanno H, Kondo Y, Fukumoto M, Tamiya G, Ueda N, Kimura G : Automated acquisition of explainable knowledge from unannotated histopathology images. *Nat Commun* 10: 5642, 2019.

Pathobiology

20190047 Mikawa S, Kondo M, Kaji N, Mihara T, Yoshitake R, Nakagawa T, Takamoto M, Nishimura R, Shimada S, Ozaki H, Hori M : Serotonin 3 receptor signaling regulates 5-fluorouracil-mediated apoptosis indirectly via TNF- α production by enhancing serotonin release from enterochromaffin cells. *FASEB J* 33: 1669-1680, 2019.

20190048 Mitsunaga T, Norose K, Aosai F, Horie H, Ohnuma N, Yano A. : Infection dynamics of *Toxoplasma gondii* in gut-associated tissues after oral infection: The role

of Peyer's patches. *Parasitol Int* 68: 40-47, 2019.

Microbiology and Immunology

20190049 Amano Y., Akazawa K., Yasuda J., Yoshino K., Kojima K., Kobayashi K., Matsuzaki S., Nakasaki M., Kawai Y., Minegishi N., Ishida N., Motoki N., Hachiya A., Nakazawa Y., Yamamoto M., Koike K. and Takeshita T : A low-frequency IL4R locus variant in Japanese patients with intravenous immunoglobulin therapy-unresponsive Kawasaki disease. *Pediatr Rheumatol* 17(1): 34, 2019.

Molecular and Cellular Immunology

20190050 Nagashio S, Ajima K, Maejima D, Sanjo H, Kajihara R, Hayashi M, Watanabe-Asaka T, Kaidoh M, Yokoyama Y, Taki S, Kawai Y, Ohhashi T. : Water intake increases mesenteric lymph flow and the total flux of albumin, long-chain fatty acids, and IL-22 in rats: new concept of absorption in jejunum. *Am J Physiol Gastrointest Liver Physiol*. 316: G155-G165, 2019.

20190051 Hayashi K, Itoh S, Morikawa A, Onozaki K, Taki S, Tsuji T, Hida S. : Staphylococcal α -hemolysin does not induce cell damage in murine mast cells but it augments the degranulation induced by Fc ϵ RI cross-linking and ionomycin. *Biochem Biophys Res Commun*. 508: 263-269, 2019.

20190052 Okubo Y, Tokumaru S, Yamamoto Y, Miyagawa SI, Sanjo H, Taki S. : Generation of a common innate lymphoid cell progenitor requires interferon regulatory factor 2. *Int Immunol*. 31: 489-498, 2019.

20190053 Kobayashi M, Kitano T, Nishiyama S, Sanjo H, Onozaki K, Taki S, Itoh S, Hida S. : Staphylococcal superantigen-like 12 activates murine bone marrow derived mast cells. *Biochem Biophys Res Commun*. 511: 350-355, 2019.

20190054 Sanjo H, Nakayama J, Yoshizawa T, Fehling HJ, Akira S, Taki S. : TAK1 Safeguards Macrophages against Proinflammatory Cell Death. *J Immunol*. 203: 783-788, 2019.

Medical Genetics

20190055 Yamaguchi T, Takano K, Inaba Y, Morikawa M, Motobayashi M, Kawamura R, Wakui K, Nishi E, Hirabayashi S, Fukushima Y, Kato H, Takahashi J, Kosho T. : PIEZO2 deficiency is a recognizable arthrogyriposis syndrome: a new case and literature review. *Am J Med Genet A*. 179: 948-957, 2019.

20190056 Ogawa Y, Nakamura K, Ezawa N, Yamaguchi T, Yoshinaga T, Miyazaki D, Kosho T, Sekijima T. : A novel CACNA1A nonsense variant in a patient presenting with paroxysmal exertion-induced dyskinesia. *J Neurol Sci*. 399: 214-216, 2019.

20190057 Hirose T, Takahashi N, Tangkawattana P, Minaguchi J, Mizumoto S, Yamada S, Miyake N, Hayashi S, Hatamochi A, Nakayama J, Yamaguchi T, Hashimoto A, Nomura Y, Takehana K, Kosho, Watanabe T. : Structural alteration of glycosaminoglycan side chains and spatial disorganization of collagen networks in the skin of patients with mcEDS-CHST14. *Biochim Biophys Acta Gen Subj*. 1863: 623-631, 2019.

20190058 van der Sluijs EPJ, Jansen S, Vergano SA, Adachi-Fukuda M, Alanay Y, AlKindy A, Baban A, Bayat A, Beck-Wödl S, Berry K, Bijlsma EK, Bok LA, Brouwer AFJ, van der Burgt I, Campeau PM, Canham N, Chrzanowska K, Chu YWY, Chung BHY, Dahan K, De Rademaeker M, Destree A, Dudding-Byth T, Earl R, Elcioglu N, Elias ER, Fagerberg C, Gardham A, Gener B, Gerkes EH, Grasshoff U, van Haeringen A, Heitink KR, Herkert JC, den Hollander NS, Horn D, Hunt D, Kant SG, Kato M, Kayserili H, Kersseboom R, Kilic E, Krajewska-Walasek M, Lammers K, Laulund LW, Lederer D, Lees M, López-González V, Maas S, Mancini GMS, Marcellis C, Martinez F, Maystadt I, McGuire M, McKee S, Mehta S, Metcalfe K, Milunsky J, Mizuno S, Moeschler JB, Netzer C, Ockeloen CW, Oehl-Jaschkowitz B, Okamoto N, Olminkhof SNM, Orellana C, Pasquier L, Pottinger C, Riehermer V, Robertson SP, Roifman M, Rooryck C, Ropers FG, Rosello M, Ruivenkamp CAL, Sagioglu MS, Sallevelt SCEH, Sanchis Calvo A, Simsek-Kiper PO, Soares G, Solaeche L, Mujgan Sonmez F, Splitt M, Steenbeek D, Stegmann APA, Stumpel CTRM, Tanabe S, Uctepe E, Utine GE, Veenstra-Knol HE, Venkateswaran S, Vilain C, Vincent-Delorme C, Vulto-van Silfhout AT, Wheeler P, Wilson GN, Wilson LC, Wollnik B, Kosho T, Wieczorek D, Eichler E, Pfundt R, de Vries BBA, Clayton-Smith J, Santen GWE. : The ARID1B spectrum in 143 patients: from nonsyndromic intellectual disability to Coffin-Siris syndrome. *Genet Med*. 21: 1295-1307, 2019.

20190059 Yokota Y, Moteki H, Nishio SY, Yamaguchi T, Wakui K, Kobayashi Y, Ohyama K, Miyazaki H, Matsuoka R, Abe S, Kumakawa K, Takahashi M, Sakaguchi H, Uehara N, Ishino T, Kosho T, Fukushima Y, Usami S : Frequency and clinical features of hearing loss caused by STRC deletions. *Sci Rep*. 9: 4408, 2019.

20190060 Yamasaki M, Abe K, Kosho T, Yamaguchi T. : Familial Aortic Dissection in a Young Adult Caused by MYH11 Gene Mutation. *Ann Thorac Surg*. 108: e49, 2019.

- 20190061 Sado T, Nakayama Y, Kato S, Homma H, Kusakari M, Hidaka N, Gomi S, Takamizawa S, Kosho T, Saito S, Sugano K : Extremely young case of small bowel intussusception due to Peutz-Jeghers syndrome with nonsense mutation of STK11. *Clin J Gastroenterol.* 12: 429-433, 2019.
- 20190062 Uehara M, Nakamura Y, Takahashi J, Suzuki T, Iijima M, Arakawa Y, Ida K, Kosho T, Kato H. : Efficacy of denosumab therapy for a 21-year-old woman with Prader-Willi syndrome, osteoporosis and history of fractures: a case report. *Ther Clin Risk Manag.* 15: 303-307, 2019.
- 20190063 Sugiyama K, Moteki H, Kitajiri SI, Kitano T, Nishio SY, Yamaguchi T, Wakui K, Abe S, Ozaki A, Motegi R, Matsui H, Teraoka M, Kobayashi Y, Kosho T, Usami SI. : Mid-Frequency Hearing Loss Is Characteristic Clinical Feature of OTOA-Associated Hearing Loss. *Genes (Basel).* 10: 715, 2019.
- 20190064 Oda Y, Uchiyama Y, Motomura A, Fujita A, Azuma Y, Harita Y, Mizuguchi T, Yanagi K, Ogata H, Hata K, Kaname T, Matsubara Y, Wakui K, Matsumoto N. : Entire FGF12 duplication by complex chromosomal rearrangements associated with West syndrome. *J Hum Genet.* 64: 1005-1014, 2019.
- 20190065 Sekiguchi F, Tsurusaki Y, Okamoto N, Teik KW, Mizuno S, Suzumura H, Isidor B, Ong WP, Haniffa M, White SM, Matsuo M, Saito K, Phadke S, Kosho T, Yap P, Goyal M, Clarke LA, Sachdev R, McGillivray G, Leventer RJ, Patel C, Yamagata T, Osaka H, Hisaeda Y, Ohashi H, Shimizu K, Nagasaki K, Hamada J, Dateki S, Sato T, Chinen Y, Awaya T, Kato T, Iwanaga K, Kawai M, Matsuoka T, Shimoji Y, Tan TY, Kapoor S, Gregersen N, Rossi M, Marie-Laure M, McGregor L, Oishi K, Mehta L, Gillies G, Lockhart PJ, Pope K, Shukla A, Girisha KM, Abdel-Salam GMH, Mowat D, Coman D, Kim OH, Cordier MP, Gibson K, Milunsky J, Liebelt J, Cox H, El Chehadeh S, Toutain A, Saida K, Aoi H, Minase G, Tsuchida N, Iwama K, Uchiyama Y, Suzuki T, Hamanaka K, Azuma Y, Fujita A, Imagawa E, Koshimizu E, Takata A, Mitsuhashi S, Miyatake S, Mizuguchi T, Miyake N, Matsumoto N. : Genetic abnormalities in a large cohort of Coffin-Siris syndrome patients. *J Hum Genet.* 64: 1173-1186, 2019.
- Gaku Ichihara, Masayuki Ikeda, Akiyoshi Ito, Yuki Ito, Satoko Iwasawa, Takeyasu Kakumu, Michihiro Kamijima, Kanae Karita, Takahiko Katoh, Toshio Kawai, Toshihiro Kawamoto, Shinji Kumagai, Yukinori Kusaka, Akiko Matsumoto, Muneyuki Miyagawa, Hiroyuki Miyauchi, Yasuo Morimoto, Kasuke Nagano, Hisao Naito, Tamie Nakajima, Makiko Nakano, Tetsuo Nomiyama, Hirokazu Okuda, Masayuki Okuda, Kazuyuki Omae, Haruhiko Sakurai, Kazuhiro Sato, Tomotaka Sobue, Yasushi Suwazono, Toru Takebayashi, Tatsuya Takeshita, Akito Takeuchi, Ayano Takeuchi, Masatoshi Tanaka, Shigeru Tanaka, Teruomi Tsukahara, Masashi Tsunoda, Susumu Ueno, Jun Ueyama, Yumi Umeda, Kenya Yamamoto, Yuko Yamano, Takenori Yamauchi, Eiji Yano : Occupational exposure limits for cumene, 2,4-dichlorophenoxy acetic acid, silicon carbide whisker, benzyl alcohol, and methylamine, and carcinogenicity, occupational sensitizer, and reproductive toxicant classifications. *J Occup Health* 61(4): 328-330, 2019.
- 20190067 Satoshi Ohira, Noriko Motoki, Takumi Shibazaki, Yuka Misawa, Yuji Inaba, Makoto Kanai, Hiroshi Kurita, Tanri Shiozawa, Yozo Nakazawa, Teruomi Tsukahara, Tetsuo Nomiyama & The Japan Environment & Children's Study (JECS) Group : Alcohol Consumption During Pregnancy and Risk of Placental Abnormality: The Japan Environment and Children's Study. *Scientific Reports* 9: 10259, 2019.
- 20190068 Noriko Motoki, Yuji Inaba, Takumi Shibazaki, Yuka Misawa, Satoshi Ohira, Makoto Kanai, Hiroshi Kurita, Yozo Nakazawa, Teruomi Tsukahara, Tetsuo Nomiyama & The Japan Environment & Children's Study (JECS) Group : Maternal Exposure to Housing Renovation During Pregnancy and Risk of Offspring with Congenital Malformation: The Japan Environment and Children's Study. *Scientific Reports* 9: 11564, 2019.
- 20190069 Hirotsugu Oda, Momoko Miyakawa, Masaru Mizuki, Yuka Misawa, Teruomi Tsukahara, Miyuki Tanaka, Koji Yamauchi, Fumiaki Abe, Tetsuo Nomiyama : Effects of Lactoferrin on Subjective Skin Conditions in Winter: A Preliminary, Randomized, Double-Blinded, Placebo-Controlled Trial. *Clin Cosmet Investig Dermatol* 12: 875-880, 2019.

Preventive Medicine and Public Health

- 20190066 Committee for Recommendation of Occupational Exposure Limits, Japan Society for Occupational Health: Atsuko Araki, Kenichi Azuma, Ginji Endo, Yoko Endo, Tetsuhito Fukushima, Kunio Hara, Koji Harada, Hajime Hori, Seichi Horie, Masayoshi Ichiba,

Legal Medicine

- 20190070 Shiozaki T, Sato N, Hayashi T, Kobayashi K, Asamura H : Wild-type ATTR amyloidosis may be associated with unexpected death among the elderly. *Leg Med* 41: 101634, 2019.

Regenerative Medicine

- 20190071 Okano S, Shiba Y : Therapeutic Potential of Pluripotent Stem Cells for Cardiac Repair after Myocardial Infarction. *Biol Pharm Bull* 42: 524-530, 2019.
- 20190072 Kadota S, Shiba Y : Pluripotent Stem Cell-Derived Cardiomyocyte Transplantation for Heart Disease Treatment. *Curr Cardiol Rep* 21: 73, 2019.
- 20190073 Sato M, Shiba N, Miyazaki D, Shiba Y, Echigoya Y, Yokota T, Takizawa H, Aoki Y, Takeda S, Nakamura A : Amelioration of intracellular Ca²⁺ regulation by exon-45 skipping in Duchenne muscular dystrophy-induced pluripotent stem cell-derived cardiomyocytes. *Biochem Biophys Res Commun* 520: 179-185, 2019.

Medicine I

(Respirology, Infectious Disease & Allergology)

- 20190074 Kazunari Tateishi , Ryo Ko, Takehito Shukuya , Yusuke Okuma , Satoshi Watanabe , Shoichi Kuyama , Kyoko Murase , Yoko Tsukita , Hironori Ashinuma , Taku Nakagawa , Kazutsugu Uematsu , Mika Nakao , Yoshiaki Mori , Kyoichi Kaira , Atsuto Mouri , Takao Miyabayashi , Hiroyuki Sakashita , Yoko Matsumoto , Tomoyuki Tanigawa , Tomonobu Koizumi , Satoshi Morita , Kunihiko Kobayashi, Toshihiro Nukiwa , Kazuhisa Takahashi , North East Japan Study Group : Clinical Outcomes of Second-Line Chemotherapy in Patients with Previously Treated Advanced Thymic Carcinoma: A Retrospective Analysis of 191 Patients from the NEJ023 Study. *Oncologist* 25: e668-e674, 2019.
- 20190075 Yasuo M, Droma Y, Kitaguchi Y, Ito M, Imamura H, Kawakubo M, Hanaoka M. : The relationship between acrolein and oxidative stress in COPD: in systemic plasma and in local lung tissue. *Int J Chron Obstruct Pulmon Dis* 14: 1527-1537, 2019.
- 20190076 Sonehara K, Tateishi K, Komatsu M, Yamamoto H, Hanaoka M, Kanda S, Koizumi T. : Modified Glasgow Prognostic Score as a Prognostic Factor in Patients with Extensive Disease-Small-Cell Lung Cancer: A Retrospective Study in a Single Institute. *Chemotherapy* 64: 129-137, 2019.
- 20190077 Ikuyama Y, Ushiki A, Akahane J, Kosaka M, Kitaguchi Y, Urushihata K, Yasuo M, Yamamoto H, Hanaoka M. : Comparison of clinical characteristics of patients with Mycobacterium avium complex disease by gender. *Epidemiol Infect* 147: 108, 2019.

20190078 Nishie K, Yamamoto S, Yamaga T, Horigome N, Hanaoka M. : Peripherally acting μ -opioid antagonist for the treatment of opioid-induced constipation: Systematic review and meta-analysis. *J Gastroenterol Hepatol* 34: 818-829, 2019.

20190079 Komatsu M, Yamamoto H, Shomura T, Sonehara K, Ichiyama T, Urushihata K, Ushiki A, Yasuo M, Wakamatsu T, Sugimoto S, Oto T, Date H, Koizumi T, Hanaoka M, Kubo K. : Twenty-year Follow-up of the First Bilateral Living-donor Lobar Lung Transplantation in Japan. *Intern Med* 58: 3133-3137, 2019.

20190080 Yamamoto H, Yasuo M, Komatsu M, Ushiki A, Hamano H, Hori A, Nakajima T, Uehara T, Fujinaga Y, Matsui S, Hanaoka M. : Comparison of the chemokine profiles in the bronchoalveolar lavage fluid between IgG4-related respiratory disease and sarcoidosis: CC-chemokine ligand 1 might be involved in the pathogenesis of sarcoidosis. *Cytokine* 120: 125-129, 2019.

20190081 Sonehara K, Tateishi K, Fukushima T, Komatsu M, Yamamoto H, Koizumi T, Hanaoka M. : The efficacy of amrubicin third-line chemotherapy in patients with relapsed extensive-disease small-cell lung cancer: A retrospective and historical study in a single institute. *Thorac Cancer* 10: 1805-1811, 2019.

Medicine II

(Gastroenterology Nephrology Hematology)

- 20190082 Guo R, Hu X, Yamada Y, Harada M, Nakajima T, Kashihara T, Yamada M, Aoyama T, Kamijo Y : Effects of hypertension and antihypertensive treatments on sulfatide levels in serum and its metabolism. *Hypertens Res* 42: 598-609, 2019.
- 20190083 Harada M, Ishii W, Masubuchi T, Ichikawa T, Kobayashi M : Relationship Between Immunosuppressive Therapy and the Development of Infectious Complications Among Patients with Anti-neutrophil Cytoplasmic Antibody-associated Vasculitis: A Single-center, Retrospective Observational Study. *Cureus* 11: e5676, 2019.
- 20190084 Harada M, Ooki M, Kohashi K, Ichikawa T, Kobayashi M : Clinical Survey of Decreased Blood Flow Rate in Continuous Renal Replacement Therapy: A Retrospective Observational Study. *Crit Care Res Pract* 2019: 2842313, 2019.
- 20190085 Honda A, Tanaka A, Kaneko T, Komori A, Abe M, Inao M, Namisaki T, Hashimoto N, Kawata K, Takahashi A, Ninomiya M, Kang JH, Arakawa M, Yamagiwa S, Joshita

- S, Umemura T, Sato K, Kaneko A, Kikuchi K, Itakura J, Nomura T, Kakisaka K, Fujii H, Kawada N, Takikawa Y, Masaki T, Ohira H, Mochida S, Yoshiji H, Iimuro S, Matsuzaki Y, Takikawa H, Japan, P. B. C. Study Group : Bezafibrate Improves GLOBE and UK-PBC Scores and Long-Term Outcomes in Patients With Primary Biliary Cholangitis. *Hepatology* 70: 2035-2046, 2019.
- 20190086 Ito T, Kawa S, Matsumoto A, Kubota K, Kamisawa T, Okazaki K, Hirano K, Hirooka Y, Uchida K, Masuda A, Ohara H, Shimizu K, Arakura N, Masamune A, Kanno A, Sakagami J, Itoi T, Ito T, Ueki T, Nishino T, Inui K, Mizuno N, Yoshida H, Sugiyama M, Iwasaki E, Irisawa A, Shimosegawa T, Chiba T : Risk Factors for Pancreatic Stone Formation in Type 1 Autoimmune Pancreatitis: A Long-term Japanese Multicenter Analysis of 624 Patients. *Pancreas* 48: 49-54, 2019.
- 20190087 Joshita S, Umemura T, Yamashita Y, Sugiura A, Yamazaki T, Fujimori N, Matsumoto A, Tanaka E : Biochemical and plasma lipid responses to pemafibrate in patients with primary biliary cholangitis. *Hepatol Res* 49: 1236-1243, 2019.
- 20190088 Kako S, Joshita S, Matsuo A, Kawaguchi K, Umemura T, Tanaka E : A Case of Adult T-Cell Leukemia/ Lymphoma Complicated with Bilateral Chylothorax. *Case Rep Oncol Med* 2019: 8357893, 2019.
- 20190089 Kanno T, Kanno Y, Shiroi K, Kobayashi N, Matsushita N, Kamishima K, Hashimoto K, Kamiyo Y : Features of high flow access in the elderly. *J Vasc Access* 20: 71-75, 2019.
- 20190090 Kawakami T, Sekiguchi N, Kobayashi J, Yamane T, Nishina S, Sakai H, Hirabayashi Y, Nakazawa H, Ishida F : STAT3 mutations in natural killer cells are associated with cytopenia in patients with chronic lymphoproliferative disorder of natural killer cells. *Int J Hematol* 109: 563-571, 2019.
- 20190091 Kimura T, Tanaka N, Tanaka E : What will happen in patients with advanced nonalcoholic fatty liver disease? *Hepatobiliary Surg Nutr* 8: 283-285, 2019.
- 20190092 Kishida M, Yamada Y, Inayama E, Kitamura M, Nishino T, Ota K, Shintani A, Ikenoue T : Effectiveness of music therapy for alleviating pain during haemodialysis access cannulation for patients undergoing haemodialysis: a multi-facility, single-blind, randomised controlled trial. *Trials* 20: 631, 2019.
- 20190093 Kobayashi S, Joshita S, Yamamoto C, Yanagisawa T, Miyazawa T, Miyazawa M, Kubota D, Sato J, Umemura T, Tanaka E : Efficacy and safety of eradication therapy for elderly patients with helicobacter pylori infection. *Medicine (Baltimore)* 98: e16619, 2019.
- 20190094 Konuma T, Kondo T, Kawata T, Iwato K, Sato Y, Mori T, Ohashi K, Nakazawa H, Sugahara H, Ago H, Eto T, Imamura Y, Fukuda T, Kanda Y, Atsuta Y, Yano S, Adult Acute Myeloid Leukemia Working Group of the Japan Society for Hematopoietic Cell, Transplantation : Hematopoietic Cell Transplantation for Acute Panmyelosis with Myelofibrosis: A Retrospective Study in Japan. *Biol Blood Marrow Transplant* 25: e23-e27, 2019.
- 20190095 Kuraishi Y, Uehara T, Kobayashi Y, Nakajima T, Watanabe T, Shimizu A, Ota H, Tanaka E : Correlation of clinicopathological features and leucine-rich repeat-containing G-protein-coupled receptor 5 expression in pancreatic ductal adenocarcinoma. *Pathol Res Pract* 215: 152623, 2019.
- 20190096 Kuraishi Y, Muraki T, Ashihara N, Ozawa M, Nakamura A, Watanabe T, Ito T, Hamano H, Kawa S : Validity and safety of endoscopic biliary stenting for biliary stricture associated with IgG4-related pancreatobiliary disease during steroid therapy. *Endosc Int Open* 7: E1410-E1418, 2019.
- 20190097 Kuraishi Y, Watanabe T, Muraki T, Ashihara N, Ozawa M, Nakamura A, Kanai K, Hamano H, Kawa S : Effectiveness of steroid therapy for pancreatic cysts complicating autoimmune pancreatitis and management strategy for cyst-related complications. *Scand J Gastroenterol* 54: 773-779, 2019.
- 20190098 Kurihara S, Harada M, Ichikawa T, Ehara T, Kobayashi M : Nephrotic Syndrome due to Focal Segmental Glomerulosclerosis Complicating Sjögren's Syndrome: A Case Report and Literature Review . *Case Rep Rheumatol* 2019: 1749795, 2019.
- 20190099 Mizuno S, Kawamura K, Hanamura I, Sunami K, Mori T, Nakamura F, Iida S, Nakazawa H, Makita M, Kako S, Sawa M, Ueda Y, Takahashi H, Kanda Y, Ichinohe T, Atsuta Y, Takamatsu H, Takami A : Efficacy and safety of autologous stem cell transplantation in patients aged \geq 65 years with multiple myeloma in the era of novel agents . *Bone Marrow Transplant* 54: 1595-1604, 2019.
- 20190100 Lu Y, Harada M, Kamiyo Y, Nakajima T, Tanaka N, Sugiyama E, Kyogashima M, Gonzalez FJ, Aoyama T : Peroxisome proliferator-activated receptor alpha attenuates high-cholesterol diet-induced toxicity and pro-thrombotic

- effects in mice. *Arch Toxicol* **93**: 149-161, 2019.
- 20190101 Nihei T, Kiniwa Y, Mikoshiba Y, Joshita S, Okuyama R : Improvement of porphyria cutanea tarda following treatment of hepatitis C virus by direct-acting antivirals: A case report. *J Dermatol* **46**: e149-e151, 2019.
- 20190102 Saito T, Tanaka M, Matsuda K, Honma H, Komori K, Morita D, Nakazawa H, Yanagisawa R, Nakazawa Y : Significance of Molecular Monitoring of T Cells for the Decision of Treatment Strategy for Epstein-Barr Virus-associated Hemophagocytic Lymphohistiocytosis. *J Pediatr Hematol Oncol* **41**: 407-409, 2019.
- 20190103 Shimizu I, Nakazawa H, Sato Y, Wolfhagen I, Konings KD : Does blended problem-based learning make Asian medical students active learners? : a prospective comparative study. *BMC Med Educ* **19**: 147, 2019.
- 20190104 Shimomura Y, Hara M, Tachibana T, Ohashi K, Sakura T, Fukuda T, Nakazawa H, Iwato K, Kanda Y, Ikeda T, Eto T, Kanda J, Ichinohe T, Atsuta Y, Ishikawa T, Ishiyama K : Outcomes of second allogeneic haematopoietic stem cell transplantation in patients with relapse of myelodysplastic syndrome. *Br J Haematol* **186**: 86-90, 2019.
- 20190105 Suga T, Ito A, Ota H, Tateiwa N, Matsumoto A, Tanaka E : Response to the letter by Matsushita et al. regarding our manuscript "Resection Depth and Layer of Cold Snare Polypectomy versus Endoscopic Mucosal Resection". *J Gastroenterol* **54**: 473, 2019.
- 20190106 Takamatsu H, Yamashita T, Kurahashi S, Saitoh T, Kondo T, Maeda T, Nakazawa H, Murata M, Narita T, Kuroda J, Hashimoto H, Kawamura K, Miyamoto T, Honda S, Ichinohe T, Atsuta Y, Sunami K : Clinical Implications of t(11;14) in Patients with Multiple Myeloma Undergoing Autologous Stem Cell Transplantation. *Biol Blood Marrow Transplant* **25**: 474-479, 2019.
- 20190107 Tanaka N, Kimura T, Fujimori N, Nagaya T, Komatsu M, Tanaka E : Current status, problems, and perspectives of non-alcoholic fatty liver disease research. *World J Gastroenterol* **25**: 163-177, 2019.
- 20190108 Umemura T, Joshita S, Shibata S, Sugiura A, Yamazaki T, Fujimori N, Matsumoto A, Tanaka E : Renal impairment is associated with increased risk of mortality in patients with cirrhosis: A retrospective cohort study. *Medicine (Baltimore)* **98**: e14475, 2019.
- 20190109 Umemura T, Joshita S, Saito H, Yoshizawa K, Norman GL, Tanaka E, Ota M : KIR/HLA genotypes confer susceptibility and progression in patients with autoimmune hepatitis. *JHEP Rep* **1**: 353-360, 2019.
- 20190110 Hitomi Y, Ueno K, Kawai Y, Nishida N, Kojima K, Kawashima M, Aiba Y, Nakamura H, Kouno H, Kouno H, Ohta H, Sugi K, Nikami T, Yamashita T, Katsushima S, Komeda T, Ario K, Naganuma A, Shimada M, Hirashima N, Yoshizawa K, Makita F, Furuta K, Kikuchi M, Naeshiro N, Takahashi H, Mano Y, Yamashita H, Matsushita K, Tsunematsu S, Yabuuchi I, Nishimura H, Shimada Y, Yamauchi K, Komatsu T, Sugimoto R, Sakai H, Mita E, Koda M, Nakamura Y, Kamitsukasa H, Sato T, Nakamura M, Masaki N, Takikawa H, Tanaka A, Ohira H, Zeniya M, Abe M, Kaneko S, Honda M, Arai K, Arinaga-Hino T, Hashimoto E, Taniai M, Umemura T, Joshita S, Nakao K, Ichikawa T, Shibata H, Takaki A, Yamagiwa S, Seike M, Sakisaka S, Takeyama Y, Harada M, Senju M, Yokosuka O, Kanda T, Ueno Y, Ebinuma H, Himoto T, Murata K, Shimoda S, Nagaoka S, Abiru S, Komori A, Migita K, Ito M, Yatsushashi H, Maehara Y, Uemoto S, Kokudo N, Nagasaki M, Tokunaga K, Nakamura M : POGUT1, the putative effector gene driven by rs2293370 in primary biliary cholangitis susceptibility locus chromosome 3q13.33. *Sci Rep* **9**: 102, 2019.
- 20190111 Umeshita K, Eguchi S, Egawa H, Haga H, Kasahara M, Kokudo N, Sakisaka S, Takada Y, Tanaka E, Eguchi H, Uemoto S, Ohdan H : Liver transplantation in Japan: Registry by the Japanese Liver Transplantation Society. *Hepatol Res* **49**: 964-980, 2019.
- 20190112 Wakabayashi SI, Kimura T, Tanaka N, Komatsu M, Tanaka E : Red plasma and ascites under ultraviolet A. *Lancet Gastroenterol Hepatol* **4**: 324, 2019.
- 20190113 Wang X, Tanaka N, Hu X, Kimura T, Lu Y, Jia F, Sato Y, Nakayama J, Moriya K, Koike K, Aoyama T : A high-cholesterol diet promotes steatohepatitis and liver tumorigenesis in HCV core gene transgenic mice. *Arch Toxicol* **93**: 1713-1725, 2019.
- 20190114 Yamada Y, Inui K, Hara Y, Fuji K, Sonoda K, Hashimoto K, Kamijo Y : Verification of serum albumin elevating effect of cell-free and concentrated ascites reinfusion therapy for ascites patients: a retrospective controlled cohort study. *Sci Rep* **9**: 10195, 2019.
- 20190115 Yamada Y, Harada M, Hashimoto K, Guo R, Nakajima T, Kashihara T, Yamada M, Aoyama T, Kamijo Y : Impact of chronic kidney dysfunction on serum Sulfatides and its metabolic pathway in mice. *Glycoconj J* **36**: 1-11, 2019.

20190116 Yamanaka M, Yanagisawa R, Kojima S, Nakazawa H, Shimodaira S : Investigation of factors associated with allergic transfusion reaction due to platelet transfusion and the efficacy of platelets resuspended in BRS-A in adult patients. *Transfusion* **59**: 3405-3412, 2019.

Medicine III (Neurology and Rheumatology)

20190117 Buxbaum JN, Brannagan T 3rd, Buades-Reinés J, Cisneros E, Conceicao I, Kyriakides T, Merlini G, Obici L, Plante-Bordeneuve V, Rousseau A, Sekijima Y, Imai A, Waddington Cruz M, Yamada M : Transthyretin deposition in the eye in the era of effective therapy for hereditary ATTRV30M amyloidosis. *Amyloid* **26**: 10-14, 2019.

20190118 Ichikawa T, Shimojima Y, Otuki T, Ueno KI, Kishida D, Sekijima Y : Acquired Amegakaryocytic Thrombocytopenia in Adult-onset Still's Disease: Successful Combination Therapy with Tocilizumab and Cyclosporine. *Intern Med* **58**: 3473-3478, 2019.

20190119 Ichimata S, Aoyagi D, Yoshinaga T, Katoh N, Kametani F, Yazaki M, Uehara T, Shiozawa S : A case of spheroid-type localized lactoferrin amyloidosis in the bronchus. *Pathol Int* **69**: 235-240, 2019.

20190120 Ikeda SI, Hineno A, Yoshinaga T, Matsuo K, Suga T, Shiina T, Otsuki T, Hoshii Y : Sjögren syndrome-related plasma cell disorder and multifocal nodular AL amyloidosis: clinical picture and pathological findings. *Amyloid* **26**: 225-233, 2019.

20190121 Ikeda SI, Hineno A, Ichikawa T, Makino M : Tafamidis dramatically improved severe proteinuria in a patient with TTR V30M hereditary ATTR amyloidosis . *Amyloid* **26**: 99-100, 2019.

20190122 Ishii T, Sekijima Y, Ando Y : Patient profile with ATTR-FAP and evaluation of the safety and efficacy of tafamidis meglumine in Japan - interim analysis in post-marketing surveillance. *Amyloid* **26**: 45-46, 2019.

20190123 Ishikawa H, Shindo A, Ii Y, Kishida D, Niwa A, Nishiguchi Y, Matsuura K, Kato N, Mizutani A, Tachibana K, Hirata Y, Matsuyama H, Ogawa-Ito A, Taniguchi A, Tomimoto H : MEFV gene mutations in neuro-Behçet's disease and neuro-Sweet disease. *Ann Clin Transl Neurol* **6**: 2595-2600, 2019.

20190124 Ishikawa H, Shindo A, Ii Y, Sakano S, Asahi M, Matsuura K, Kishida D, Umino M, Maeda M, Tomimoto H : Vertebral artery dissection associated with familial

mediterranean fever and Behçet's disease. *Ann Clin Transl Neurol* **6**: 974-978, 2019.

20190125 Ito M, Nobata H, Imai H, Yoshino M, Banno S, Ito Y, Ito H, Kishida D : Familial Mediterranean fever type 2 with heterozygous mutations of E148Q and M694I in a Japanese patient with progressive systemic AA amyloidosis. *Mod Rheumatol Case Rep* **3**: 79-85, 2019.

20190126 Kodaira M, Ohashi N, Morita H, Sekijima Y : Length-dependent truncal Aδ-fiber dysfunction in hereditary transthyretin amyloidosis: An intra-epidermal electrical stimulation study. *Clin Neurophysiol* **130**: 903-910, 2019.

20190127 Koyama J, Minamisawa M, Sekijima Y, Kuwahara K, Katsuyama T, Maruyama K : Role of echocardiography in assessing cardiac amyloidosis: a systematic review. *J Echocardiogr* **17**: 64-75, 2019.

20190128 Kozuka A, Koyama J, Sekijima Y, Ikeda U : Quantitative analysis of endocardial and epicardial left ventricular myocardial deformation in patients with cardiac amyloidosis. *Shinshu Med J* **67**: 49-62, 2019.

20190129 Miyake Z, Nakamagoe K, Ezawa N, Yoshinaga T, Hashimoto R, Sato T, Sekijima Y, Tamaoka : Late-onset Transthyretin (TTR)-familial Amyloid Polyneuropathy (FAP) with a Long Disease Duration from Non-endemic Areas in Japan. *Intern Med* **58**: 713-718, 2019.

20190130 Ogawa Y, Nakamura K, Ezawa N, Yamaguchi T, Yoshinaga T, Miyazaki D, Kosho T, Sekijima Y : A novel CACNA1A nonsense variant in a patient presenting with paroxysmal exertion-induced dyskinesia. *J Neurol Sci* **399**: 214-216, 2019.

20190131 Ohashi N, Kodaira M, Morita H, Sekijima Y : Electrophysiological demyelinating features in hereditary ATTR amyloidosis. *Amyloid* **26**: 15-23, 2019.

20190132 Sanjo N, Nose Y, Shishido-Hara Y, Mizutani S, Sekijima Y, Aizawa H, Tanizawa T, Yokota T : A controlled inflammation and a regulatory immune system are associated with more favorable prognosis of progressive multifocal leukoencephalopathy. *J Neurol* **266**: 369-377, 2019.

20190133 Sato M, Kishida D, Miyazaki D, Sekijima Y : A Patient with Limbic Encephalitis Associated with Anti-leucine-rich Glioma-inactivated 1 (LGI1) Antibody Presenting with Slowly Progressive Cognitive Impairment and Fluctuating Striatal Lesions. *Intern Med* **58**: 287-291,

- 2019.
- 20190134 Sato M, Shiba N, Miyazaki D, Shiba Y, Echigoya Y, Yokota T, Takizawa H, Aoki Y, Takeda S, Nakamura A : Amelioration of intracellular Ca²⁺ regulation by exon-45 skipping in Duchenne muscular dystrophy-induced pluripotent stem cell-derived cardiomyocytes. *Biochem Biophys Res Commun* 520: 179-185, 2019.
- 20190135 Sato M, Takizawa H, Nakamura A, Turner B J, Shabanpoor F, Aoki Y : Application of Urine-Derived Stem Cells to Cellular Modeling in Neuromuscular and Neurodegenerative Diseases. *Front Mol Neurosci* 12: 297-297, 2019.
- 20190136 Sekijima Y, Mundayat R, Ishii T, Ando Y : The current status of the Transthyretin Amyloidosis Outcomes Survey (THAOS) in Japan. *Amyloid* 26: 61-62, 2019.
- 20190137 Shimojima Y, Kishida D, Ueno KI, Ushiyama S, Ichikawa T, Sekijima Y : Characteristics of Circulating Natural Killer Cells and Their Interferon- γ Production in Active Adult-onset Still Disease. *J Rheumatol* 46: 1268-1276, 2019.
- 20190138 Shintani Y, Okada A, Morita Y, Hamatani Y, Amano M, Takahama H, Amaki M, Hasegawa T, Ohta-Ogo K, Kanzaki H, Ishibashi-Ueda H, Yasuda S, Shimazaki C, Yoshinaga T, Yazaki M, Sekijima Y, Izumi C : Monitoring treatment response to tafamidis by serial native T1 and extracellular volume in transthyretin amyloid cardiomyopathy. *ESC Heart Fail* 6: 232-236, 2019.
- 20190139 Shirai T, Kiniwa Y, Sato R, Sano T, Nakamura K, Mikoshiba Y, Ohashi N, Sekijima Y, Okuyama R : Presence of antibodies to striated muscle and acetylcholine receptor in association with occurrence of myasthenia gravis with myositis and myocarditis in a patient with melanoma treated with an anti-programmed death 1 antibody. *Eur J Cancer* 106: 193-195, 2019.
- 20190140 Tanaka N, Sakuraba H, Hiraga H, Mayama K, Kikuchi H, Kishida D, Akemoto Y, Hasui K, Ota S, Watanabe R, Murai Y, Maeda T, Kamata K, Tatsuta T, Sawaya M, Chinda D, Mikami T, Yamagata K, Ishiguro Y, Tanaka M, Fukuda S : Long-term maintenance of the mucosal healing induced by azacitidine therapy in a patient with intestinal Behçet's-like disease accompanied with myelodysplastic syndrome involving trisomy 8. *Immunol Med* 42: 135-141, 2019.
- 20190141 Watanabe R, Sakuraba H, Hiraga H, Kishida D, Ota S, Hasui K, Kikuchi H, Akemoto Y, Tanaka N, Maeda T, Murai Y, Yoshida S, Tatsuta T, Sawaya M, Chinda D, Mikami T, Ishiguro Y, Fukuda S : Diagnostic approach for patients with unidentified fever according to the classical criteria of fever of unknown origin in the field of autoimmune disorders. *Immunol Med* 42: 176-184, 2019.
- 20190142 Yamada Y, Fukushima T, Kodama S, Shimizu H, Kakita A, Makino K, Sekijima Y : A case of cerebral amyloid angiopathy-type hereditary ATTR amyloidosis with Y69H (p.Y89H) variant displaying transient focal neurological episodes as the main symptom. *Amyloid* 26: 251-252, 2019.
- 20190143 Yoshinaga T, Kurokawa T, Uehara T, Nitta J, Horiuchi T, Sekijima Y : Optic neuropathy from connected intra- and extraorbital lesions in IgG4-related disease. *Rinsho Shinkeigaku* 59: 746-751, 2019.

Medicine IV

(Diabetes, Endocrinology and Metabolism)

- 20190144 Ohkubo Y, Sekido T, Nishio S, Sekido K, Kitahara J, Suzuki S, Komatsu M : Loss of μ -crystallin causes PPAR γ activation and obesity in high-fat diet-fed mice. *Biochemical and Biophysical Research Communications* 508: 914-920, 2019.
- 20190145 Sekido T, Nishio S, Ohkubo Y, Sekido K, Kitahara J, Miyamoto T, Komatsu M : Repression of insulin gene transcription by indirect genomic signaling via the estrogen receptor in pancreatic beta cells. *In Vitro Cell Dev Biol Anim* 55: 226-236, 2019.
- 20190146 Oiwa A, Minemura K, Nishio S, Yamazaki M, Komatsu M : Implications of thyroid autoimmunity in infertile women with subclinical hypothyroidism in the absence of both goiter and anti-thyroid antibodies: lessons from three cases. *Endocr J* 66: 193-198, 2019.
- 20190147 Sato A, Takei M, Hiramatsu K, Takeda T, Miyamoto T, Yamazaki M, Sato Y, Komatsu M : Effects of Sitagliptin on Pancreatic Beta-Cells in Type 2 Diabetes With Sulfonylurea Treatment: A Prospective Randomized Study. *J Clin Med Res* 11: 15-20, 2019.
- 20190148 Watada H, Kaneko S, Komatsu M, Agner BR, Nishida T, Ranthe M, Nakamura J : Superior HbA1c control with the fixed-ratio combination of insulin degludec and liraglutide (IDegLira) compared with a maximum dose of 50 units of insulin degludec in Japanese individuals with type 2 diabetes in a phase 3, double-blind, randomized trial.

Diabetes Obes Metab 21: 2694-2703, 2019.

Medicine V (Cardiovascular)

- 20190149 Motoki H, Yasukochi S, Takigiku K, Takei K, Okamura T, Kimura K, Minamisawa M, Okada A, Saigusa T, Ebisawa S, Seto T, Shoda M, Okada K, Kuwahara K : Establishment of a Healthcare System for Patients with Adult Congenital Heart Disease in Collaboration with Children's Hospital -The Nagano Model -. *Circ J* 83: 424-431, 2019.
- 20190150 Minamisawa M, Koyama J, Ikeda U : Left ventricular noncompaction cardiomyopathy: Recent update on genetics, usefulness of biomarkers, and speckle imaging. *J Cardiol* 73: 95-96, 2019.
- 20190151 Kozuka A, Koyama J, Sekijima Y, Ikeda U : Quantitative Analysis of Endocardial and Epicardial Left Ventricular Myocardial Deformation in Patients with Cardiac Amyloidosis. *Shinshu Med J* 67: 49-62, 2019.
- 20190152 Oguchi Y, Saigusa T, Ebisawa S, Okada A, Motoki H, Kuwahara K : Ankle-Brachial Index as a Prognostic Indicator in Patients with Atrial Fibrillation - A Subanalysis of the IMPACT-ABI Study. *Shinshu Med J* 67: 197-204, 2019.
- 20190153 Tabata H, Motoki H, Sakai T, Okada A, Kuwahara K : Epicardial Stone -Unfamiliar Calcified Mass at the Site of a Left Ventricular Old Myocardial Infarction -. *Circ J* 83: 1969, 2019.
- 20190154 Nakagawa Y, Nishikimi T, Kuwahara K : Atrial and brain natriuretic peptides: Hormones secreted from the heart. *Peptides* 111: 18-25, 2019.
- 20190155 Komatsu T, Motoki H, Kimura K, Saigusa T, Ebisawa S, Yokokawa Y, Ando H, Ichino T, Kuwahara K : A case of thrombolytic therapy with recombinant tissue plasminogen activator for mechanical valve thrombosis at 9 weeks of pregnancy in a Japanese woman. *J Cardiol Cases* 19: 15-18, 2019.
- 20190156 Okano T, Okada A, Tabata H, Kobayashi H, Shoin W, Yoshie K, Oguchi Y, Shoda M, Kuwahara K : Wire perforation causing cardiopulmonary arrest during radiofrequency hot balloon ablation for pulmonary vein isolation. *J Cardiol Cases* 19: 169-172, 2019.
- 20190157 Kobayashi H, Okada A, Tabata H, Shoin W, Okano T, Yoshie K, Oguchi Y, Kato K, Shoda M, Kuwahara K : Association between reactive hyperemia peripheral arterial tonometry index and atrial fibrillation recurrence after catheter ablation. *Int J Cardiol Heart Vasc* 24: 100385, 2019.
- 20190158 Suzuki S, Motoki H, Minamisawa M, Okuma Y, Shoin W, Okano T, Kimura K, Ebisawa S, Okada A, Kuwahara K : Prognostic significance of high-sensitivity cardiac troponin in patients with heart failure with preserved ejection fraction. *Heart Vessels* 34: 1650-1656, 2019.
- 20190159 Motoki H, Nishimura M, Kanai M, Kimura K, Minamisawa M, Yamamoto S, Saigusa T, Ebisawa S, Okada A, Kuwahara K : Impact of inpatient cardiac rehabilitation on Barthel Index score and prognosis in patients with acute decompensated heart failure. *Int J Cardiol* 293: 125-130, 2019.
- 20190160 An J, Naruse TK, Hinohara K, Soejima Y, Sawabe M, Nakagawa Y, Kuwahara K, Kimura A : MRTF-A regulates proliferation and survival properties of pro-atherogenic macrophages. *J Mol Cell Cardiol* 133: 26-35, 2019.
- 20190161 Ueki Y, Miura T, Mochidome T, Senda K, Ebisawa S, Saigusa T, Motoki H, Okada A, Koyama J, Kuwahara K : Comparison of leg loader and treadmill exercise for evaluating patients with peripheral artery disease. *Heart Vessels* 34: 590-596, 2019.
- 20190162 Ueki Y, Mohri M, Matoba T, Kadokami T, Suwa S, Yagi T, Takahashi H, Tanaka N, Hokama Y, Fukuhara R, Onitsuka K, Tachibana E, Yonemoto N, Nagao K, for the Japanese Circulation Society Shock Registry Scientific Committee : Prognostic Value of Neurological Status on Hospital Arrival for Short-Term Outcome in Patients With Cardiovascular Shock - Sub-analysis of the Japanese Circulation Society Cardiovascular Shock Registry -. *Circ J* 83: 1247-1253, 2019.
- 20190163 Koyama J, Minamisawa M, Sekijima Y, Kuwahara K, Katsuyama T, Maruyama K : Role of echocardiography in assessing cardiac amyloidosis : a systematic review. *J Echocardiogr* 17: 64-75, 2019.
- 20190164 Itagaki T, Okada A, Tabata H, Shoin W, Kobayashi H, Okano T, Oguchi Y, Mochidome T, Saigusa T, Ebisawa S, Motoki H, Shoda M, Kuwahara K : Successful inferior vena cava filter removal using pacemaker lead extraction methods. *J Cardiol Cases* 19: 129-132, 2019.
- 20190165 Sunohara D, Motoki H, Saigusa T, Ebisawa S, Okada A, Ando H, Sato M, Kuwahara K : Biopsy detection and clinical management of acute lymphocytic myocarditis

- in pregnancy. *J Cardiol Cases* 20: 164-167, 2019.
- 20190166 Suzuki S, Motoki H, Kanzaki Y, Maruyama T, Hashizume N, Kozuka A, Yahikozawa K, Kuwahara K : Comparison of Long-Acting and Short-Acting Loop Diuretics in the Treatment of Heart Failure With Preserved Ejection Fraction. *Circ Rep* 1: 137-141, 2019.
- 20190167 Minamisawa M, Claggett B, Adams D, Kristen AV, Merlini G, Slama MS, Dispenzieri A, Shah AM, Falk RH, Karsten V, Sweetser MT, Chen J, Riese R, Vest J, Solomon SD : Association of Patisiran, an RNA Interference Therapeutic, With Regional Left Ventricular Myocardial Strain in Hereditary Transthyretin Amyloidosis The APOLLO Study. *JAMA Cardiol* 4: 466-472, 2019.
- 20190168 Minamisawa M, Seidemann SB, Claggett B, Hegde SM, Shah AM, Desai AS, Lewis EF, Shah SJ, Sweitzer NK, Fang JC, Anand IS, O'Meara E, Rouleau JL, Pitt B, Solomon SD : Impact of Malnutrition Using Geriatric Nutritional Risk Index in Heart Failure With Preserved Ejection Fraction. *JACC Heart Fail* 7: 664-675, 2019.
- 20190169 Ejima K, Kato K, Okada A, Wakisaka O, Kimura R, Ishizawa M, Imai T, Toyama Y, Shoda M, Hagiwara N : Comparison Between Contact Force Monitoring and Unipolar Signal Modification as a Guide for Catheter Ablation of Atrial Fibrillation Prospective Multi-Center Randomized Study. *Circ Arrhythm Electrophysiol* 12: e007311, 2019.
- 20190170 Shoji K, Yanishi K, Yoshimi R, Hamada N, Kondo K, Fujimoto K, Nakajima H, Kuwahara K, Higashi Y, Fukumoto Y, Murohara T, Matoba S; TACT Follow up Study Investigators : Impact of Therapeutic Angiogenesis Using Autologous Bone Marrow-Derived Mononuclear Cells Implantation in Critical Limb Ischemia With Scleroderma - Subanalysis of the Long-Term Clinical Outcomes Survey- *Circ J* 83: 662-671, 2019.
- 20190171 Yoshikawa Y, Shiomi H, Kuwahara K, Sowa N, Yaku H, Yamashita Y, Tazaki J, Imai M, Kato T, Saito N, Shizuta S, Ono K, Kimura T : Utility of copeptin for predicting long-term clinical outcomes in patients with heart failure. *J Cardiol* 73: 379-385, 2019.
- 20190172 Yaku H, Kato T, Morimoto T, Inuzuka Y, Tamaki Y, Ozasa N, Yamamoto E, Yoshikawa Y, Kitai T, Taniguchi R, Iguchi M, Kato M, Takahashi M, Jinnai T, Ikeda T, Nagao K, Kawai T, Komasa A, Nishikawa R, Kawase Y, Morinaga T, Toyofuku M, Seko Y, Furukawa Y, Nakagawa Y, Ando K, Kadota K, Shizuta S, Ono K, Sato Y, Kuwahara K, Kimura T; for the KCHF Study Investigators : Association of Mineralocorticoid Receptor Antagonist Use With All-Cause Mortality and Hospital Readmission in Older Adults With Acute Decompensated Heart Failure. *JAMA Netw Open* 2: e195892, 2019.
- 20190173 Oshita K, Kozasa Y, Nakagawa Y, Kuwabara Y, Kuwahara K, Nakagawa T, Nakashima N, Hiraki T, Takano M : Overexpression of the HCN2 channel increases the arrhythmogenicity induced by hypokalemia. *J Physiol Sci* 69: 653-660, 2019.

Psychiatry

- 20190174 Asai-Takahashi Y, Sasayama D, Sugiyama N, Maruyama F, Washizuka S. : Association of Autism Spectrum Quotient and Profiles with Eating Behaviors in Patients with Anorexia Nervosa and in a Non-clinical Population. *Shinshu Medical Journal* 67: 157-166, 2019.
- 20190175 Gotoh L, Yamada M, Hattori K, Sasayama D, Noda T, Yoshida S, Kunugi H, Yamada M : Levels of lysophosphatidic acid in cerebrospinal fluid and plasma of patients with schizophrenia. *Psychiatry Res* 273: 331-335, 2019.
- 20190176 Gotoh L, Yamada M, Hattori K, Sasayama D, Noda T, Yoshida S, Kunugi H, Yamada M. : Lysophosphatidic acid levels in cerebrospinal fluid and plasma samples in patients with major depressive disorder. *Heliyon* 5(5): e01699, 2019.
- 20190177 Sasayama D, Asano S, Nogawa S, Takahashi S, Saito K, Kunugi H. : Possible association between photic sneeze syndrome and migraine and psychological distress. *Neuropsychopharmacol Rep.* 39(3): 217-222, 2019.
- 20190178 Sasayama D, Hattori K, Kunugi H. : Trait Loci Mapping and CSF Proteome. *Methods Mol Biol.* 2044: 365-376, 2019.
- 20190179 Takaesu Y, Watanabe K, Numata S, Iwata M, Kudo N, Oishi S, Takizawa T, Nemoto K, Yasuda Y, Tagata H, Tsuboi T, Tsujino N, Hashimoto N, Matsui Y, Hori H, Yamamori H, Sugiyama N, Suwa T, Kishimoto T, Hishimoto A, Usami M, Furihata R, Iwamoto K, Fujishiro H, Nakamura T, Mizuno K, Inagaki T, Katsumoto E, Tomita H, Ohi K, Muraoka H, Atake K, Iida H, Nagasawa T, Fujita J, Yamamura S, Onitsuka T, Murata A, Takayanagi Y, Noda H, Matsumura Y, Takezawa K, Iga J, Ichihashi K, Ogasawara K, Yamada H, Inada K, Hashimoto R : Improvement of psychiatrists' clinical knowledge of the treatment guidelines for schizophrenia and major depressive disorders using the Effectiveness of Guidelines for Dissemination and Education

in psychiatric treatment (EGUIDE)” project: a nationwide dissemination, education and evaluation study. *Psychiatry Clin Neurosci.* **73**: 642-648, 2019.

20190180 Tsuchimine S, Hattori K, Ota M, Hidese S, Teraishi T, Sasayama D, Hori H, Noda T, Yoshida S, Yoshida F, Kunugi H. : Reduced plasma orexin-A levels in patients with bipolar disorder. *Neuropsychiatr Dis Treat.* **15**: 2221-2230, 2019.

20190181 Yamaguchi M, Sasayama D, Washizuka, S. : Clinical Utility of Salivary Cytokines for Children with Attention Deficit Hyperactivity Disorder. *International Journal of Medical, Medicine and Health Sciences.* **13(8)**: 379-382, 2019.

Pediatrics

20190182 Akagawa D, Motoki N, Hachiya A, Akazawa Y. : Transient Q-waves in an infant with asymptomatic myocardial infarction due to Kawasaki disease. *Cardiol Young.* **29**: 231-234, 2019.

20190183 Al-Kzayer LFY, Al-Arabi HMH, Shigemura T, Sano K, Tanaka M, Hamada M, Ali KH, Aldaghir OM, Nakazawa Y, Okuno Y. : DOCK8 mutation diagnosed using whole-exome sequencing of the dried blood spot-derived DNA: a case report of an Iraqi girl diagnosed in Japan. *BMC Med Genet.* **20**: 114, 2019.

20190184 Al-Kzayer LFY, Yassin AK, Salih KH, Shigemura T, Sano K, Al-Simaani RBY, Tanaka M, Nakazawa Y, Okuno Y. : A Syrian Refugee in Iraq Diagnosed as a Case of IL12RB1 Deficiency in Japan Using Dried Blood Spots. *Front Immunol.* **10**: 58, 2019.

20190185 Komori K, Hirabayashi K, Morita D, Hara Y, Kurata T, Saito S, Tanaka M, Yanagisawa R, Sakashita K, Koike K, Nakazawa Y. : Ovarian function after allogeneic hematopoietic stem cell transplantation in children and young adults given 8-Gy total body irradiation-based reduced-toxicity myeloablative conditioning. *Pediatr Transplant.* **23**: e13372, 2019.

20190186 Komori K, Saito S, Araya M, Morita D, Kurata T, Hirabayashi K, Tanaka M, Koiwai K, Tauchi K, Masaki H, Nakazawa Y. : Proton Beam Therapy for Adolescent Primary Central Nervous System Lymphoma With Residual Tumor After Intensive Chemotherapy: A Case Report. *Pract Radiat Oncol.* **9**: 333-337, 2019.

20190187 Sado T, Nakata S, Tsuno T, Sato M, Misawa Y, Yamauchi S, Inaba Y, Kobayashi D, Wada K. :

Concentrations of various forms of vitamin B(6) in ginkgo seed poisoning. *Brain Dev.* **41**: 292-295, 2019.

20190188 Sado T, Nakayama Y, Kato S, Homma H, Kusakari M, Hidaka N, Gomi S, Takamizawa S, Kosho T, Saito S, Sugano K. : Extremely young case of small bowel intussusception due to Peutz-Jeghers syndrome with nonsense mutation of STK11. *Clin J Gastroenterol.* **12**: 429-433, 2019.

20190189 Shigemura T, Kobayashi N, Agematsu K, Ohara O, Nakazawa Y. : Mosaicism of an ELANE Mutation in an Asymptomatic Mother. *J Clin Immunol.* **39**: 106-111, 2019.

20190190 Shigemura T, Matsuda K, Kurata T, Sakashita K, Okuno Y, Muramatsu H, Yue F, Ebihara Y, Tsuji K, Sasaki K, Nakahata T, Nakazawa Y, Koike K. : Essential role of PTPN11 mutation in enhanced haematopoietic differentiation potential of induced pluripotent stem cells of juvenile myelomonocytic leukaemia. *Br J Haematol.* **187**: 163-173, 2019.

20190191 Shigemura T, Yanagisawa R, Komori K, Morita D, Kurata T, Tanaka M, Sakashita K, Nakazawa Y. : Prevention of transfusion-transmitted cytomegalovirus infection using leukoreduced blood components in patients receiving seronegative umbilical cord blood transplantation. *Transfusion.* **59**: 3065-3070, 2019.

20190192 Takeuchi Y, Shigemura T, Kobayashi N, Nagumo H, Furumoto M, Ogasawara K, Fujii H, Takizawa M, Soga T, Matoba H, Masumoto J, Fukushima K, Migita K, Ojima T, Umeda Y, Agematsu K. : Clinical features and new diagnostic criteria for the syndrome of periodic fever, aphthous stomatitis, pharyngitis, and cervical adenitis. *Int J Rheum Dis.* **22**: 1489-1497, 2019.

20190193 Yanagisawa R, Matsuda K, Ohga S, Kanegane H, Morimoto A, Okamoto Y, Ohara A, Fukushima K, Sotomatsu M, Nomura K, Saito AM, Horibe K, Ishii E, Nakazawa Y. : Factors predicting the recurrence of Epstein-Barr virus-associated hemophagocytic lymphohistiocytosis in children after treatment using the HLH-2004 protocol. *Int J Hematol.* **109**: 612-617, 2019.

20190194 Yanagisawa R, Nakazawa Y, Matsuda K, Yasumi T, Kanegane H, Ohga S, Morimoto A, Hashii Y, Imaizumi M, Okamoto Y, Saito AM, Horibe K, Ishii E; HLH/LCH committee members of the Japan Children's Cancer Group. : Outcomes in children with hemophagocytic lymphohistiocytosis treated using HLH-2004 protocol in Japan. *Int J Hematol.* **109**: 206-213, 2019.

- 20190195 Chen L, Zhai L, Al-Kzayer LFY, Sarsam SN, Liu T, Alzakar RH, Nakazawa Y. : Neurocutaneous Melanosis in Association With Large Congenital Melanocytic Nevi in Children: A Report of 2 Cases With Clinical, Radiological, and Pathogenetic Evaluation. *Front Neurol.* **10:** 79, 2019.
- 20190196 Saito T, Tanaka M, Matsuda K, Honma H, Komori K, Morita D, Nakazawa H, Yanagisawa R, Nakazawa Y. : Significance of Molecular Monitoring of T Cells for the Decision of Treatment Strategy for Epstein-Barr Virus-associated Hemophagocytic Lymphohistiocytosis. *J Pediatr Hematol Oncol.* **41:** 407-409, 2019.
- 20190197 Hagiwara S, Kudo T, Kakuta F, Inoue M, Yokoyama K, Umetsu S, Iwama I, Yodoshi T, Tatsuki M, Shimizu T, Nakayama Y. : Clinical safety and utility of pediatric balloon assisted enteroscopy; A multicenter prospective study in Japan. *J Pediatr Gastroenterol Nutr* **68:** 306-310, 2019.
- 20190198 Iwama I, Shimizu H, Nambu R, Okuhira T, Kakuta F, Tachibana N, Abe N, Honma H, Kudo T, Nakayama Y. : Efficacy and safety of a capsule endoscope delivery device in children. *Eur J Gastroenterol Hepatol* **31:** 1502-1507, 2019.
- 20190199 Motoki N, Inaba Y, Shibasaki T, Misawa Y, Ohira S, Kanai M, Kurita H, Nakazawa Y, Tsukahara T, Nomiyama T, Japan Environment & Children's Study (JECS) Group. : Maternal Exposure to Housing Renovation During Pregnancy and Risk of Offspring with Congenital Malformation: The Japan Environment and Children's Study. *Sci Rep.* **9:** 11564, 2019.
- 20190200 Ohira S, Motoki N, Shibasaki T, Misawa Y, Inaba Y, Kanai M, Kurita H, Shiozawa T, Nakazawa Y, Tsukahara T, Nomiyama T; Japan Environment & Children's Study (JECS) Group. : Alcohol Consumption During Pregnancy and Risk of Placental Abnormality: The Japan Environment and Children's Study. *Sci Rep.* **9:** 10259, 2019.
- 20190201 Hyakuna N, Hashii Y, Ishida H, Umeda K, Takahashi Y, Nagasawa M, Yabe H, Nakazawa Y, Koh K, Goto H, Fujisaki H, Matsumoto K, Kakuda H, Yano M, Tawa A, Tomizawa D, Taga T, Adachi S, Kato K. : Retrospective analysis of children with high-risk acute myeloid leukemia who underwent allogeneic hematopoietic stem cell transplantation following complete remission with initial induction chemotherapy in the AML-05 clinical trial. *Pediatr Blood Cancer.* **66:** e27875, 2019.
- 20190202 Amano Y, Akazawa Y, Yasuda J, Yoshino K, Kojima K, Kobayashi N, Matsuzaki S, Nagasaki M, Kawai Y, Minegishi N, Ishida N, Motoki N, Hachiya A, Nakazawa Y, Yamamoto M, Koike K, Takeshita T. : A low-frequency IL4R locus variant in Japanese patients with intravenous immunoglobulin therapy-unresponsive Kawasaki disease. *Pediatr Rheumatol Online J.* **17:** 34, 2019.
- 20190203 Okamoto Y, Kudo K, Tabuchi K, Tomizawa D, Taga T, Goto H, Yabe H, Nakazawa Y, Koh K, Ikegame K, Yoshida N, Uchida N, Watanabe K, Koga Y, Inoue M, Kato K, Atsuta Y, Ishida H. : Hematopoietic stem-cell transplantation in children with refractory acute myeloid leukemia. *Bone Marrow Transplant.* **54:** 1489-1498, 2019.
- 20190204 Sakaguchi H, Muramatsu H, Hasegawa D, Kudo K, Ishida H, Yoshida N, Koh K, Noguchi M, Shiba N, Tokimasa S, Fukuda T, Goto H, Miyamura T, Nakazawa Y, Hashii Y, Inoue M, Atsuta Y, Pediatric AML Working Group of the Japan Society for Hematopoietic Cell Transplantation. : Comparison of conditioning regimens for autologous stem cell transplantation in children with acute myeloid leukemia: A nationwide retrospective study in Japan. *Pediatr Blood Cancer.* **66:** e27459, 2019.
- 20190205 Yatsushiro Y, Nishikawa T, Saito A, Nakazawa Y, Imadome KI, Nakagawa S, Kodama Y, Okamoto Y, Kanegane H, Kawano Y. : Epstein-Barr Virus (EBV)-induced B-cell Lymphoproliferative Disorder Mimicking the Recurrence of EBV-associated Hemophagocytic Lymphohistiocytosis. *J Pediatr Hematol Oncol.* **41:** e44-e46, 2019.
- 20190206 Honma H, Nakayama Y, Kato S, Hidaka N, Kusakari M, Sado T, Suda A, Lin Y. : Clinical features of Helicobacter pylori antibody-positive junior high school students in Nagano Prefecture, Japan. *Helicobacter.* **24:** e12559, 2019.

Dermatology

- 20190207 Yamamoto T, Ohtsuki M, Sano S, Morita A, Igarashi A, Okuyama R, Kawada A. : Late-onset psoriatic arthritis in Japanese patients. *J Dermatol.* **46:** 169-170, 2019.
- 20190208 Yamamoto T, Ohtsuki M, Sano S, Morita A, Igarashi A, Okuyama R, Kawada A : Switching biologics in the treatment of psoriatic arthritis in Japan. *J Dermatol.* **46:** e113-e114, 2019.
- 20190209 Kuniwa Y, Yasuda J, Saito S, Saito R, Motoike IN, Danjoh I, Kinoshita K, Fuse N, Yamamoto M, Okuyama R. : Identification of genetic alterations in extramammary

Paget disease using whole exome analysis. *J Dermatol Sci.* **94**: 229-235, 2019.

20190210 Omodaka T, Kiyohara Y, Uematsu T, Mori K, Okuyama R. : Preoperative ultrasound evaluation of lymph nodes for extramammary Paget's disease in the genital area. *J Dermatol.* **46**: 361-363, 2019.

20190211 Mikoshiba Y, Minagawa A, Koga H, Yokokawa Y, Uhara H, Okuyama R. : Clinical and Histopathologic Characteristics of Melanocytic Lesions on the Volar Skin Without Typical Dermoscopic Patterns. *JAMA Dermatol.* **55**: 578-584, 2019.

20190212 Sato Y, Shirota S, Kiniwa Y, Sekiguchi N, Okuyama R, Koizumi T. : Thymoma-associated graft-versus-host-like disease treated with high-dose i.v. immunoglobulin. *J Dermatol.* **46**: e224-e225, 2019.

20190213 Nihei T, Kiniwa Y, Mikoshiba Y, Joshita S, Okuyama R. : Improvement of porphyria cutanea tarda following treatment of hepatitis C virus by direct-acting antivirals: A case report. *J Dermatol.* **46**: e149-e151, 2019.

20190214 Ashida A, Sakaizawa K, Mikoshiba A, Kiniwa Y, Okuyama R. : Circulating Tumour DNA Reflects Tumour Burden Independently of Adverse Events Caused by Systemic Therapies for Melanoma. *Acta Derm Venereol.* **99**: 1184-1185, 2019.

Radiology

20190215 Ichiro Mizushima, Satomi Kasashima, Yasunari Fujinaga, Mitsuhiro Kawano, Nobukazu Ishizaka : IgG4-related periaortitis/periarteritis: An under-recognized condition that is potentially life-threatening. *Mod Rheumatol.* **29**(2): 240-250, 2019.

20190216 Kentaro Miura, Kazutoshi Hamanaka, Tomonobu Koizumi, Satoshi Kawakami, Nobutaka Kobayashi, Ken-ichi Ito : Solid component tumor doubling time is a prognostic factor in non-small cell lung cancer patients. *J Cardiothorac Surg.* **14**(1): 57-66, 2019.

20190217 Kaneko T, Mitsui T, Kaneko K, Kadoya M, Alzheimer's Disease Neuroimaging Initiative : New longitudinal visual rating scale identifies structural alterations in people with mild cognitive impairment and those who are cognitively normal. *Int J Gerontology* **13**: 69-75, 2019.

20190218 Kazutoshi Komori, Shoji Saito, Masayuki Araya, Daisuke Morita, Takashi Kurata, Koichi Hirabayashi,

Miyuki Tanaka, Keiichiro Koiwai, Katsunori Tauchi, Hidekazu Masaki, Yozo Nakazawa : Proton Beam Therapy for Adolescent Primary Central Nervous System Lymphoma With Residual Tumor After Intensive Chemotherapy: A Case Report. *Pract Radiat Oncol.* **9**(5): 333-337, 2019.

20190219 Toshirou Fukushima, Takuro Noguchi, Takashi Kobayashi, Nodoka Sekiguchi, Takesumi Ozawa, Tomonobu Koizumi, Hisashi Tamada : Late and Rapid Relapse in Mediastinum from Testicular Germ Cell Tumor Stage I Over 13 Years after Surgery. *Case Rep Oncol.* **12**(2): 500-505, 2019.

Division of Gastroenterological, Hepato-Biliary-Pancreatic, Transplantation and Pediatric Surgery

20190220 Kentaro Fukushima, Takahide Yokoyama, Shiro Miwa, Hiroaki Motoyama, Takuma Arai, Noriyuki Kitagawa, Akira Shimizu, Tsuyoshi Notake, Akiara Kobayashi, Shin-ichi Miyagawa : Impact of age on groin hernia profiles observed during laparoscopic transabdominal preperitoneal hernia repair. *Surg Endosc* **33**(8): 2602-2611, 2019.

20190221 Okubo Y, Tokumaru S, Yamamoto Y, Miyagawa SI, Sanjo H, Taki S. : Generation of a common innate lymphoid cell progenitor requires interferon regulatory factor 2. *Int Immunol* **31**(8): 489-498, 2019.

20190222 Masahiro Kataoka, Masato Kitazawa, Shyuugo Takahata, Nao Hondo, Shugo Takahata, Takehito Ehara, Yuuta Yamamoto, Makoto Koyama, Nakamura Satoshi, Motohiro Okumura, Shigeo Tokumaru, Futoshi Muranaka, Yusuke Miyagawa, Yuuji Soejima : Laparoscopic Total Gastrectomy for Early Gastric Cancer With a Rare Positional Abnormality of the Common Hepatic Artery and Splenic Vein: A Case Report. *Int Surg* **104**(1-2): 65-68, 2019.

Division of Cardiovascular Surgery

20190223 Johannes Wedel, Maria P. Stack, Tatsuichiro Seto, Matthew M. Sheehan, Evelyn A. Flynn, Isaac E. Stillman, Sek Won Kong, Kaifeng Liu and David M. Briscoe : T Cell-Specific Adaptor Protein Regulates Mitochondrial Function and CD4+ T Regulatory Cell Activity In Vivo following Transplantation. *J Immunol.* **203**(8): 2328-2338, 2019.

Division of General Thoracic Surgery

20190224 Hamanaka K, Miura K, Koyama T, Matsuoka S, Takeda T, Yamada K, Hyogotani A : The pretreatment

circulating albumin-to-fibrinogen ratio in patients with non-small cell lung cancer: a simple, economical, and effective biomarker. *J Thorac Dis* 11(suppl.3): S241-S244, 2019.

20190225 Hamanaka K, Takeda T, Ohashi M, Kumeda H, Agatsuma H, Shimada K, Maruyama K, Yoshida K, Nakamura T : Thoracoscopic resection of a cystic seminoma of the mediastinum. *Asian J Endosc Surg* 12: 354-356, 2019.

20190226 Hamanaka K, Takayama H, Koyama T, Matsuoka S, Takeda T, Agatsuma H, Yamada K, Hyogotani A, Kawakami S, Ito KI : Interobserver size measurement variability in part-solid lung adenocarcinoma using pre-operative computed tomography. *J Thorac Dis* 11(7): 2924-2931, 2019.

20190227 Kosaka M, Yasuo M, Kinota F, Machida R, Kitaguchi Y, Ushiki A, Yamamoto H, Uehara T, Hamanaka K, Kawakami S, Hanaoka M : Probe-based optical fiberscopy for the direct observation of peripheral pulmonary lesions. *Respir Investig* 57: 481-489, 2019.

20190228 Li X, Eguchi T, Aly RG, Chintala NK, Tan KS, Zauderer MG, Dembitzer FR, Beasley MB, Ghebrehiwet B, Adusumilli PS, Peerschke EIB : Globular C1q receptor (gC1qR/p32/HABP1) is overexpressed in malignant pleural mesothelioma and is associated with increased survival in surgical patients treated with chemotherapy. *Front Oncol* 9: 1042, 2019.

20190229 Miura K, Oba T, Hamanaka K, Ito KI : FGF2-FGFR1 pathway activation together with thymidylate synthase upregulation is induced in pemetrexed-resistant lung cancer cells. *Oncotarget* 10(11): 1171-1192, 2019.

20190230 Miura K, Hamanaka K, Koizumi T, Kawakami S, Kobayashi N, Ito KI : Solid component tumor doubling time is a prognostic factor in non-small cell lung cancer patients. *J Cardiothorac Surg* 14: 57, 2019.

20190231 Matsuoka S, Koyama T, Takeda T, Yamada K, Hyogotani A, Hamanaka K, Sekiguchi N, Koizumi T : Development of angiosarcoma in a mediastinal non-seminomatous germ cell tumor that exhibited growing teratoma syndrome during chemotherapy. *Thorac Cancer* 10: 111-115, 2019.

Division of Breast and Endocrine Surgery

20190232 Miura K, Oba T, Hamanaka K, Ito K : FGF2-FGFR1 pathway activation together with thymidylate synthase upregulation is induced in pemetrexed-resistant lung cancer cells. *Oncotarget* 10: 1171-1192, 2019.

Orthopaedic Surgery

20190233 Yamazaki H, Hayashi M, Miyaoka S, Hashimoto S, Kitamura Y, Isobe F, Kato H. : Venous perfusion assist system has no additional effect compared to simple elevation on post-operative edema in patients with distal radial fracture treated with volar locking plate fixation: A randomized controlled trial. *J Orthop Sci* 24(3): 441-446, 2019.

20190234 Okamoto M, Kito M, Yoshimura Y, Aoki K, Suzuki S, Tanaka A, Takazawa A, Yoshida K, Ido Y, Ishida T, Kawasaki K, Kato H : Using the Barthel Index in assessing activities of daily living after musculoskeletal tumour surgery: a single-centre observational study. *Prog Rehabil Med.* 4: 20190010, 2019.

20190235 Yoshida K, Okamoto M, Sasaki J, Kuroda C, Ishida H, Ueda K, Okano S, Ideta H, Kamanaka T, Sobajima A, Takizawa T, Kito M, Aoki K, Uemura T, Haniu H, Kato H, Saito N. : Clinical outcome of osteosarcoma and its correlation with programmed death-ligand 1 and T cell activation markers. *Onco Targets Ther.* 12: 2513-2518, 2019.

20190236 Nemoto K, Okamoto M, Kito M, Aoki K, Suzuki S, Takazawa A, Yoshimura Y, Kato H. : Combined treatment using Mohs' paste and neoadjuvant chemotherapy for giant gluteal soft tissue sarcoma with malignant fungating wound: a case report. *J Surg Case Rep.* 2019(5): rjz137, 2019.

20190237 Kito M, Ae K, Koyanagi H, Gokita T, Furuoka H, Okamoto M, Tanaka A, Suzuki S, Takazawa A, Aoki K, Yoshimura Y : Risk factor for wound complications following wide resection of soft tissue sarcoma in the adductor compartment of the thigh. *Jpn J Clin Oncol.* 49(10): 932-937, 2019.

20190238 Sobajima A, Haniu H, Nomura H, Tanaka M, Takizawa T, Kamanaka T, Aoki K, Okamoto M, Yoshida K, Sasaki J, Ajima K, Kuroda C, Ishida H, Okano S, Ueda K, Kato H, Saito N : Organ accumulation and carcinogenicity of highly dispersed multi-walled carbon nanotubes administered intravenously in transgenic rasH2 mice. *Int J Nanomedicine.* 14: 6465-6480, 2019.

20190239 Maeda K, Kobayashi Y, Koide M, Uehara S, Okamoto M, Ishihara A, Kayama T, Saito M, Marumo K. : The Regulation of Bone Metabolism and Disorders by Wnt Signaling. *Int J Mol Sci.* 20(22): 5525, 2019.

20190240 Matsuba T, Hata Y, Ishigaki N, Nakamura K,

- Murakami N, Kobayashi H, Itsubo T, Uemura K, Kato H : Long-term clinical and imaging outcomes after primary repair of small- to medium-sized rotator cuff tears. *J Orthop Surg (Hong Kong)*. 27(3): 2309499019883980, 2019.
- 20190241 Matsuba T, Hata Y, Ishigaki N, Nakamura K, Kato H : Massive heterotopic ossification in the subdeltoid space after shoulder surgery and symptomatic improvement from conservative treatment: a case report. *Prog Rehabil Med* 4: 20190020, 2019.
- 20190242 Murakami K, Zhifeng H, Suzuki T, Kobayashi Y, Nakamura Y. : The Shisa3 knockout mouse exhibits normal bone phenotype. *J Bone Miner Metab*. 37(6): 967-975, 2019.
- 20190243 Kamimura M, Ikegami S, Mukaiyama K, Koiwai H, Nakamura Y, Taguchi A, Kato H. : Additive effects of eldecacitol in poorly responding long-term bisphosphonate treatment for osteoporosis. *Osteoporos Sarcopenia*. 5(2): 57-61, 2019.
- 20190244 Miyazawa S, Nakamura Y, Suzuki T, Kato H. : Efficacy of denosumab therapy for osteoporosis-pseudoglioma syndrome with osteoporosis: A case report. *Mod Rheumatol Case Rep*. 3: 45-48, 2019.
- 20190245 Koiwai H, Kamimura M, Takahashi J, Nakamura Y, Kato H. : Unexpected rapid increase in bone mineral density by bisphosphonate therapy after multiple spinal fractures: a case report. *J Med Case Rep*. 13: 288, 2019.
- 20190246 Suzuki T, Nakamura Y, Kato H. : Effects of monthly minodronate with or without eldecacitol addition in osteoporosis patients with rheumatoid arthritis: An 18-month prospective study. *Osteoporos Sarcopenia*. 5(4): 122-127, 2019.
- 20190247 Uehara M, Takahashi J, Ikegami S, Tokida R, Nishimura H, Sakai N, Kato H. : Sagittal spinal alignment deviation in the general elderly population: A Japanese cohort survey randomly sampled from a basic resident registry. *Spine J*. 19: 349-356, 2019.
- 20190248 Uehara M, Takahashi J, Ikegami S, Kuraishi S, Futatsugi T, Oba H, Takizawa T, Munakata R, Koseki M, Kato H. : Prediction of spontaneous lumbar curve correction after posterior spinal fusion for adolescent idiopathic scoliosis Lenke type 1 curves. *Clin Spine Surg*. 32(2): E112-E116, 2019.
- 20190249 Uehara M, Takahashi J, Ikegami S, Oba H, Kuraishi S, Futatsugi T, Takizawa T, Munakata R, Koseki M, Kato H. : Determination of optimal screw number based on correction angle for main thoracic curve in adolescent idiopathic scoliosis. *J Orthop Sci* 2019;24(3):415-9. 24(3): 415-419, 2019.
- 20190250 Uehara M, Takahashi J, Ikegami S, Kuraishi S, Futatsugi T, Oba H, Takizawa T, Munakata R, Koseki M, Kato H. : How Much Surface Registration Accuracy is Required Using Ct-based Navigation System in Adolescent Idiopathic Scoliosis Surgery? *Clin Spine Surg*. 32(3): E166-E170, 2019.
- 20190251 Uehara M, Takahashi J, Kuraishi S, Ikegami S, Futatsugi T, Oba H, Takizawa T, Munakata R, Koseki M, Kato H. : Two-stage posterior spinal fusion for early-onset scoliosis: Two case reports. *Medicine (Baltimore)*. 98(9): e14728, 2019.
- 20190252 Uehara M, Nakamura Y, Takahashi J, Suzuki T, Iijima M, Arakawa Y, Ida K, Kosho T, Kato H. : Efficacy of denosumab therapy for a 21-year-old woman with Prader-Willi syndrome, osteoporosis and history of fractures: a case report. *Ther Clin Risk Manag*. 15: 303-307, 2019.
- 20190253 Uehara M, Takahashi J, Kuraishi S, Ikegami S, Futatsugi T, Oba H, Takizawa T, Munakata R, Kato H. : Posterior spinal fusion for scoliosis in mucopolysaccharidosis I (Hurler syndrome). *Interdiscip Neurosurg* 18: 100487, 2019.
- 20190254 Uehara M, Takahashi J, Ikegami S, Tokida R, Nishimura H, Kuraishi S, Sakai N, Kato H. : Impact of diffuse idiopathic skeletal hyperostosis on sagittal spinal alignment in the general elderly population: A Japanese cohort survey randomly sampled from a basic resident registry. *JB JS Open Access*. 4(3): e0062.1-6., 2019.
- 20190255 Uehara M, Takahashi J, Ikegami S, Kuraishi S, Futatsugi T, Oba H, Takizawa T, Munakata R, Koseki M, Kato H. : Correlation of Lower Instrumented Vertebra With Spinal Mobility and Health-related Quality of Life After Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis. *Clin Spine Surg*. 32(7): E326-E329, 2019.
- 20190256 Uehara M, Takahashi J, Kuraishi S, Ikegami S, Futatsugi T, Oba H, Takizawa T, Koiwai K, Otsuki T, Uehara T, Kato H. : Effectiveness of postoperative radiation therapy for thoracic spine hemangioma recurrence. *Interdiscip Neurosurg* 18: 100560, 2019.
- 20190257 Kamoi F, Kondo M, Hayashi M, Uchiyama S, Kato H. : A new technique to determine the tension in

- extensor pollicis longus reconstruction. *J Hand Surg Eur* Vol. **44**(8): 790-794, 2019.
- 20190258 Yamaguchi T, Takano K, Inaba Y, Morikawa M, Motobayashi M, Kawamura R, Wakui K, Nishi E, Hirabayashi SI, Fukushima Y, Kato H, Takahashi J, Kosho T. : PIEZO2 deficiency is a recognizable arthrogyriposis syndrome: A new case and literature review. *Am J Med Genet A*. **179**: 948-957, 2019.
- 20190259 Nemoto K, Sakai N, Matsuda S, Kato H. : Successful treatment of pediatric posttraumatic tibiofibular synostosis by resection and peroneal artery perforator adipofascial flap: A Case Report. *JBJS Case Connect*. **9**(4): e0280, 2019.
- 20190260 Tokida R, Uehara M, Ikegami S, Takahashi J, Nishimura H, Sakai N, Kato H. : Association between sagittal spinal alignment and physical function in the Japanese general elderly population: A Japanese cohort survey randomly sampled from a basic resident registry. *J Bone Joint Surg Am*. **101**(18): 1698-1706, 2019.
- 20190261 Isobe F, Yamazaki H, Hayashi M, Uchiyama S, Miyaoka S, Kato H : Prospective Evaluation of Median Nerve Dysfunctions in Patients with a Distal Radius Fracture Treated with Volar Locking Plating. *J Hand Surg Asian Pac* Vol. **24**(4): 392-399, 2019.
- 20190262 Mimura, T. Ikegami, S. Oba, H. Uehara, M. Koseki, M. Takahashi, J. : Factors leading to postoperative pain in adolescent idiopathic scoliosis patients including sagittal alignment and lumbar disc degeneration. *Eur Spine J*. **28**(12): 3085-3091, 2019.
- 20190263 Mimura, T. Yamazaki, H. Hayashi, M. Kato, H. : Intraosseous Epidermoid Cyst of the Radius. *J Hand Surg Am*. **44**(11): 996.e1-996.e5, 2019.
- 20190264 Kobayashi T, Karasuno H, Sano H, Hamada J, Takase K, Tamai K, Kashiwagi K, Hayashida K, Gotoh M, Yamamoto N, Morihara T, Hata Y, Morisawa Y : Representative survey of frozen shoulder questionnaire responses from the Japan Shoulder Society: What are the appropriate diagnostic terms for primary idiopathic frozen shoulder, stiff shoulder or frozen shoulder? *J Orthop Sci*. **24**(4): 631-635, 2019.
- 20190265 Ushirozako H, Hasegawa T, Ebata S, Oba H, Ohba T, Mukaiyama K, Isogai Y, Okada E, Ojima T, Takahashi J, Haro H, Matsuyama Y. : Weekly Teriparatide Administration and Preoperative Anterior Slippage of the Cranial Vertebra Next to Fusion Segment < 2mm Promote Osseous Union after Posterior Lumbar Interbody Fusion. *Spine (Phila Pa 1976)*. **44**(5): E288-E297, 2019.
- 20190266 Ebata S, Oba O, Ohba T, Takahashi J, Ikegami S, Koyama K, Kato H, Haro H. : Surgical Outcomes of Long Fusion Using Dual Iliac Screws Bilaterally for Adult Spinal Deformities: The Effect on the Loosening Rate and Sacroiliac Joint Correction. *Spine Surg Relat Res*. **3**(3): 236-243, 2019.
- 20190267 Yahara Y, Seki S, Makino H, Watanabe K, Uehara M, Takahashi J, Kimura T. : Three-Dimensional Computed Tomography Analysis of Spinal Canal Length Increase After Surgery for Adolescent Idiopathic Scoliosis: A Multicenter Study. *J Bone Joint Surg Am*. **101**(1): 48-55, 2019.
- 20190268 Seki S, Yahara Y, Makino H, Kobayashi K, Nakano M, Hirano N, Watanabe K, Takahashi J, Kawaguchi Y, Kimura T. : Differential rod contouring on thoracolumbar/lumbar curvature in patients with adolescent idiopathic scoliosis: An analysis with intraoperative acquisition of three-dimensional imaging. *J Orthop Sci*. **24**(5): 780-786, 2019.
- 20190269 Kuroguchi D, Takahashi J, Uehara M, Ikegami S, Kuraishi S, Futatsugi T, Oba H, Takizawa T, Munakata R, Hatakenaka T, Koseki M, Kato H. : Ten-Year Results of Reconstruction for Rheumatoid Cervical Spine Lesions and Occurrence Factor of Subaxial Subluxation. *Asian Spine J*. **13**(5): 730-737, 2019.
- 20190270 Ikegami S, Takahashi J, Uehara M, Tokida, Nishimura H, Sakai A, Kato H. : Physical performance reflects cognitive function, fall risk, and quality of life in community-dwelling older people. *Sci Rep*. **9**(1): 12242, 2019.
- 20190271 Tensho K, Iwaasa T, Koyama S, Shimodaira H, Horiuchi H, Kato H, Saito N, Fukushima N : The interrelationship between anterior cruciate ligament tibial footprint and anterolateral meniscal root insertions: Quantitative, morphological and positional analyses using three-dimensional computed tomography images. *Knee*. **26**(5): 969-977, 2019.
- 20190272 Tanaka A, Yoshimura Y, Momose T, Isobe K, Aoki K, Kito M, Okamoto M, Suzuki S, Sano K, Kato H : Successful treatment of adult pleomorphic rhabdomyosarcoma with bone invasion in the lower leg by chemotherapy and biological reconstruction: A case report. *J Orthop Sci*. **24**(5): 930-935, 2019.

20190273 Ishida H, Haniu H, Takeuchi A, Ueda K, Sano M, Tanaka M, Takizawa T, Sobajima A, Kamanaka T, Saito N. : In vitro and in vivo evaluation of starfish bone-derived β -tricalcium phosphate as a bone substitute material. *Materials (Basel)*. 12(11): 1881, 2019.

Neurosurgery

20190274 Hanaoka Y, Koyama J, Ogiwara T, Miyaoka Y, Fujii Y, Nakamura T, Horiuchi T, Hongo K : Usefulness of a Novel Technique to Make Up for a Deficiency in Transradial Neurointervention with a 6Fr Simmonds Guiding Sheath: Original Experience with the Subclavian Artery Anchoring Technique. *World Neurosurg* 131: e362-e370, 2019.

20190275 Hardian RF, Goto T, Fujii Y, Kanaya K, Horiuchi T, Hongo K : Intraoperative facial motor evoked potential monitoring for pontine cavernous malformation resection. *J Neurosurg* 132(1): 265-271, 2019.

20190276 Hardian RF, Goto T, Kuwabara H, Hanaoka Y, Kobayashi S, Kanno H, Shimojo H, Horiuchi T, Hongo K : An autopsy case of widespread brain dissemination of glioblastoma unnoticed by magnetic resonance imaging after treatment with bevacizumab. *Surg Neurol Int* 10(137): 1-6, 2019.

20190277 Nagm A, Ogiwara T, Hongo K : Letter to the Editor. Nuances of vascularized pedicle flap for transorbital skull base reconstruction following modified transpalpebral transorbital approaches. *J Neurosurg* 130: 1781-1784, 2019.

20190278 Nagm A, Hongo K : Letter: Paratrigeminal, Paraclival, Precavernous, or All of the Above? A Circumferential Anatomical Study of the C3-C4 Transitional Segment of the Internal Carotid Artery: Collecting Surgical Nuances. *Oper Neurosurg* 16: E108-E109, 2019.

20190279 Nagm A, Ogiwara T, Horiuchi T, Hongo K : Letter: Comparative Analysis Between Lateral Orbital Rim Preservation and Osteotomy for Transorbital Endoscopic Approaches to the Cavernous Sinus: An Anatomic Study. *Oper Neurosurg* 16: E37, 2019.

20190280 Nagm A, Horiuchi T, Hongo K : Overcoming Daunting Challenges of Clipping of Paraclinoid Carotid-Ophthalmic and Superior Hypophyseal Artery Aneurysms: 2-Dimensional Operative Video. *Oper Neurosurg* 17(6): E252-E253, 2019.

20190281 Nagm A, Ogiwara T, Hongo K : Watertight Robust Osteoconductive Barrier for Complex Skull Base Reconstruction: An Expanded-endoscopic Endonasal

Experimental Study. *Neurol Med Chir (Tokyo)* 59: 79-88, 2019.

20190282 Ogiwara T, Goto T, Fujii Y, Hanaoka Y, Hongo K, Okamoto J, Muragaki Y : Usefulness of a Newly Developed Ultrasonic Microdissector in Neurosurgery: A Preliminary Experimental Study. *J Neurol Surg A Cent Eur Neurosurg* 80: 96-101, 2019.

20190283 Ogiwara T, Miyaoka Y, Nakamura T, Tsukada K, Yamazaki D, Ito K, Hanaoka Y, Koyama J, Horiuchi T, Hongo K : Endoscopic Endonasal Odontoidectomy in the Hybrid Operating Room. *World Neurosurg* 131: 137-140, 2019.

20190284 Ogiwara T, Nagm A, Hasegawa T, Hanaoka Y, Ichinose S, Goto T, Hongo K : Pitfalls of skull base reconstruction in endoscopic endonasal approach. *Neurosurgical Rev* 42(3): 683-689, 2019.

20190285 Ito K, Nakamura T, Horiuchi T, Hongo K : Surgical treatment of cervical spondylosis in patients 80 years of age and older-A retrospective observational study. *PLoS ONE* 14(6): 1-8, 2019.

20190286 Ogiwara T, Nagm A, Nakamura T, Mbadugha T, Horiuchi T, Hongo K : Significance and indications of surgery for asymptomatic nonfunctioning pituitary adenomas. *World Neurosurg* 128: e752-e759, 2019.

Dentistry & Oral Surgery

20190287 Hasegawa T, Hayashida S, Kondo E, Takeda Y, Miyamoto H, Kawaoka Y, Ueda N, Iwata E, Nakahara H, Kobayashi M, Soutome S, Yamada S, Tojyo I, Kojima Y, Umeda M, Fujita S, Kurita H, Shibuya Y, Kirita T, Komori T; Japanese Study Group of Co-operative Dentistry with Medicine (JCDM). : Medication-related osteonecrosis of the jaw after tooth extraction in cancer patients: a multicenter retrospective study. *Osteoporos Int* 30: 231-239, 2019.

20190288 Yamada S, Kurita H, Kondo E, Suzuki S, Nishimaki F, Yoshimura N, Morioka M, Ishii S, Kamata T : Treatment outcomes and prognostic factors of medication-related osteonecrosis of the jaw: a case- and literature-based review. *Clin Oral Investig* 23: 3203-3211, 2019.

20190289 Yamakawa N, Kirita T, Umeda M, Yanamoto S, Ota Y, Otsuru M, Okura M, Kurita H, Yamada S, Hasegawa T, Aikawa T, Komori T, Ueda M; Japan Oral Oncology Group (JOOG) : Tumor budding and adjacent tissue at the invasive front correlate with delayed neck metastasis in clinical early-stage tongue squamous cell carcinoma. *J Surg*

- Oncol 119: 370-378, 2019.
- 20190290 Hasegawa T, Yanamoto S, Otsuru M, Kakei Y, Okura M, Yamakawa N, Yamada S, Ota Y, Umeda M, Kirita T, Kurita H, Ueda M, Komori T; Japan Oral Oncology Group (JOOG) : Multicenter retrospective study of the prognosis and treatment outcomes of Japanese oral squamous cell carcinoma patients with level IV/V metastasis. *Head Neck* 41: 2256-2263, 2019.
- 20190291 Sakurai SI, Yamada S, Karasawa I, Sakurai A, Kurita H : A longitudinal study on the relationship between dental health and metabolic syndrome in Japan. *J Periodontol.* 90: 728-746, 2019.
- 20190292 Iwata E, Hasegawa T, Yamada S, Kawashita Y, Yoshimatsu M, Mizutani T, Nakahara H, Mori K, Shibuya Y, Kurita H, Komori T : Effects of perioperative oral care on prevention of postoperative pneumonia after lung resection: Multicenter retrospective study with propensity score matching analysis. *Surgery* 165: 1003-1007, 2019.
- 20190293 Nishimaki F, Yamada S, Kawamoto M, Sakurai A, Hayashi K, Kurita H : Relationship Between the Quantity of Oral Candida and Systemic Condition/Diseases of the Host: Oral Candida Increases with Advancing Age and Anemia. *Mycopathologia* 184: 251-260, 2019.
- 20190294 Aizawa H, Yamada S, Sakai H, Otagiri H, Akita D, Gibo T, Kurita H : Nuclear protein of the testis midline carcinoma in the oral cavity: retrospective review of those initially diagnosed as poorly differentiated squamous cell carcinoma using an anti-C52B1 antibody. *Int J Oral Maxillofac Surg* 48: 1265-1272, 2019.
- 20190295 Sakai H, Yamada S, Gibo T, Yoshimura N, Nishimaki F, Kondo E, Kamata T, Kurita H : A retrospective analysis of the prevalence of dental diseases in patients with digestive system cancers. *Medicine (Baltimore)* 98: e14771, 2019.
- 20190296 Gibo T, Sekiguchi D, Noguchi T, Fukushima T, Kobayashi T, Ozawa T, Yamada S, Koizumi T : Targeted therapy with trastuzumab for epidermal growth factor receptor 2 (HER2)-positive advanced salivary duct carcinoma: A case report. *Mol Clin Oncol* 11: 111-115, 2019.
- 20190297 Yoshimura N, Yamada S, Aizawa H, Xiao T, Nishimaki F, Kurita H : Glycogen metabolism in an oral dysplastic/cancerous (iodine-negative) epithelium: glycogen was consumed in the pentose phosphate pathway, not in glycolysis. *J Oral Maxillofac Surg Med Pathol* 31: 288-294, 2019.
- 20190298 Nagashio S, Ajima K, Maejima D, Sanjo H, Kajihara R, Hayashi M, Watanabe-Asaka T, Kaidoh M, Yokoyama Y, Taki S, Kawai Y, Ohhashi T : Water intake increases mesenteric lymph flow and the total flux of albumin, long-chain fatty acids, and IL-22 in rats: New concept of absorption in jejunum. *Am J Physiol Gastrointestinal and Liver Physiology* 316: G155-G165, 2019.
- 20190299 Kawashita Y, Koyama Y, Kurita H, Otsuru M, Ota Y, Okura M, Horie A, Sekiya H, Umeda M : Effectiveness of a comprehensive oral management protocol for the prevention of severe oral mucositis in patients receiving radiotherapy with or without chemotherapy for oral cancer: a multicentre, phase II, randomized controlled trial. *Int. J. Oral Maxillofac. Surg* 48: 857-864, 2019.
- 20190300 Motoki N, Inaba Y, Shibazaki T, Misawa Y, Ohira S, Kanai M, Kurita H, Nakazawa Y, Tsukahara T, Nomiyama T, The Japan Environment & Children's Study (JECS) Group : Maternal Exposure to Housing Renovation During Pregnancy and Risk of Offspring with Congenital Malformation: The Japan Environment and Children's Study. *Sci Rep.* 9: 11564, 2019.
- 20190301 Li, Y, Yamada S, Aizawa H, Qi F, Shimane T, Morioka M, Kurita H : Effect of micro-thread at implant neck on securing quantity and quality of bone formation around implant. *J Oral Maxillofac Surg Med Pathol* 31: 13-19, 2019.

Urology

- 20190302 Minagawa T, Daimon H, Ogawa N, Saito T, Suzuki T, Domen T, Nagai T, Ogawa T, Ishizuka O : Morphological and clinical evaluation of prostatic urethra using modified sonourethrography with retrograde jelly injection. *LUTS* 11(2): 4-10, 2019.
- 20190303 Minagawa T, Ogawa T, Ishizuka O : Fluid dynamic assessment of the lower urinary tract: Exploratory research to observe vorticity in the prostatic urethra after transurethral enucleation. *Int J Urol* 26(8): 853-854, 2019.
- 20190304 Nagai T, Imamura T, Ogawa T, Minagawa T, Domen T, Suzuki T, Ueno M, Ishizuka O : Nicotine-induced hypoxia in rat urothelium deteriorates bladder storage functions. *Neurourol Urodyn* 38(6): 1560-1570, 2019.
- 20190305 Suzuki T, Hattori R, Minagawa T, Uehara T, Ogawa T, Ishizuka O : Intestinal injury by heat conduction from surgical sealing devices. *JSLs* 23(1): e2018.00100, 2019.

20190306 Ogawa T, Tyagi P, Ishizuka O, Ueda T, Chancellor MB, Chermansky CJ, Yoshimura N : Recent developments in imaging in BPS/IC. *Curr Bladder Dysfunct Rep* 14(4): 301-307, 2019.

Ophthalmology

20190307 Hirabayashi K, Tanaka M, Imai A, Toriyama Y, Iesato Y, Sakurai T, Kamiyoshi, A Ichikawa-Shindo Y, Kawate H, Tanaka M, Dai K, Cui N, Wei Y, Nakamura K, Iida S, Matsui S, Yamauchi A, Murata T, Shindo T : Development of a Novel Model of Central Retinal Vascular Occlusion and the Therapeutic Potential of the Adrenomedullin–Receptor Activity–Modifying Protein 2 System. *Am J Pathol* 189: 449-466, 2019.

20190308 Hoshiyama K, Nakao S, Shiose S, Yoshikawa H, Kano K, Kaizu Y, Murata T, Sonoda K : Optical Coherence Tomography Angiography Detects Choriocapillaris Loss in Decalcification of Choroidal Osteoma. *J Vitreoretin Dis* 3: 263-268, 2019.

20190309 Fan W, Nittala MG, Velaga SB, Hirano T, Wykoff CC, Ip M, Lampen SIR, van Hemert J, Fleming A, Verhoek M, Sadda SR : Distribution of Nonperfusion and Neovascularization on Ultrawide-Field Fluorescein Angiography in Proliferative Diabetic Retinopathy (RECOVERY Study): Report 1. *Am J Ophthalmol* 206: 154-160, 2019.

Otorhinolaryngology

20190310 Yoshimura H, Shibata SB, Ranum PT, Moteki H, Smith RJH. : Targeted allele suppression prevents progressive hearing loss in the mature murine model of human TMC1 deafness. *Mol Ther*. 27: 681-690, 2019.

20190311 Yokota Y, Moteki H, Nishio SY, Yamaguchi T, Wakui K, Kobayashi Y, Ohyama K, Miyazaki H, Matsuoka R, Abe S, Kumakawa K, Takahashi M, Sakaguchi H, Uehara N, Ishino T, Kosho T, Fukushima Y, Usami SI. : Frequency and clinical features of hearing loss caused by STRC deletions. *Sci Rep* 9: 4408, 2019.

20190312 Iwasa Y, Nishio SY, Sugaya A, Kataoka Y, Kanda Y, Taniguchi M, Nagai K, Naito Y, Ikezono T, Horie R, Sakurai Y, Matsuoka R, Takeda H, Abe S, Kihara C, Ishino T, Morita S, Iwasaki S, Takahashi M, Ito T, Arai Y, Usami SI. : OTOF mutation analysis with massively parallel DNA sequencing in 2,265 Japanese sensorineural hearing loss. *PLoS One* 14: e0215932, 2019.

20190313 Ideura M, Nishio SY, Moteki H, Takumi Y,

Miyagawa M, Sato T, Kobayashi Y, Ohyama K, Oda K, Matsui T, Ito T, Suzumura H, Nagai K, Izumi S, Nisiyama N, Komori M, Kumakawa K, Takeda H, Kishimoto Y, Iwasaki S, Furutate S, Ishikawa K, Fujioka M, Nakanishi H, Nakayama J, Horie R, Ohta Y, Naito Y, Kakudo M, Sakaguchi H, Kataoka Y, Sugawara K, Hato N, Nakagawa T, Tsuchihashi N, Kanda Y, Kihara CH, Tono T, Miyano-hara I, Ganaha A, Usami SI. : Comprehensive analysis of syndromic hearing loss patients in Japan. *Sci Rep* 9: 11976, 2019.

20190314 Kitano T, Kitajiri SI, Nishio SY, Usami SI. : Detailed clinical features of deafness caused by a claudin-14 variant. *Int J Mol Sci* 20: 4579, 2019.

20190315 Sugiyama K, Moteki H, Kitajiri SI, Kitano T, Nishio SY, Yamaguchi T, Wakui K, Abe S, Ozaki A, Motegi R, Matsui H, Teraoka M, Kobayashi Y, Kosho T, Usami SI. : Mid-frequency hearing loss is characteristic clinical feature of OTOA-associated hearing loss. *Genes (Basel)* 10: 715, 2019.

20190316 Yasukawa R, Moteki H, Nishio SY, Ishikawa K, Abe S, Honkura Y, Hyogo M, Mihashi R, Ikezono T, Shintani T, Ogasawara N, Shirai K, Yoshihashi H, Ishino T, Otsuki K, Ito T, Sugahara K, Usami SI. : The prevalence and clinical characteristics ofTECTA-associated autosomal dominant hearing loss. *Genes (Basel)* 10: 744, 2019.

20190317 Maekawa K, Nishio SY, Abe S, Goto SI, Honkura Y, Iwasaki S, Kanda Y, Kobayashi Y, Oka SI, Okami M, Oshikawa C, Sakuma N, Sano H, Shirakura M, Uehara N, usami SI. : Mutational spectrum and clinical features of patients with LOXHD1 variants identified in an 8074 hearing loss patient cohort. *Genes (Basel)* 10: 735, 2019.

Obstetrics and Gynecology

20190318 Ida K, Miyamoto T, Takatsu A, Ando H, Asaka R, Takeuchi H, Ono M, Yamada S, Asaka S, Shiozawa T. : Whole-exome sequencing of lobular endocervical glandular hyperplasia. *Oncol Lett*. 18: 2592-2597, 2019.

20190319 Higuchi S, Miyamoto T, Kobara H, Yamada S, Asaka R, Kikuchi N, Kashima H, Ohira S, Shiozawa T. : Trophoblast type-specific expression of senescence markers in the human placenta. *Placenta*. 85: 56-62, 2019.

20190320 Ida K, Miyamoto T, Higuchi S, Takeuchi H, Yamada S, Ono M, Nishihara H, Shiozawa T. : Effectiveness of a genetic test panel designed for gynecological cancer: an exploratory study. *Med Oncol*. 36: 62, 2019.

- 20190321 Ida K, Yamanoi K, Asaka S, Takeuchi H, Miyamoto T, Shiozawa T, Nakayama J. : α GlcNAc and its catalyst α 4GnT are diagnostic and prognostic markers in uterine cervical tumor, gastric type. *Sci Rep*. **9**: 13043, 2019.
- 20190322 Miyamoto T, Shiozawa T. : Two-sided role of estrogen on endometrial carcinogenesis: stimulator or suppressor? *Gynecol Endocrinol*. **35**: 370-375, 2019.
- 20190323 Asaka S, Nakajima T, Momose M, Miyamoto T, Uehara T, Ota H. : Trefoil factor family 2 protein: a potential immunohistochemical marker for aiding diagnosis of lobular endocervical glandular hyperplasia and gastric-type adenocarcinoma of the uterine cervix. *Virchows Arch*. **474**: 79-86, 2019.
- 20190324 Ohira S, Yamanaka S, Asaka R, Ando H, Fuseya C, Kikuchi N, Miyamoto T, Kanai M, Shiozawa T. : Sawtooth fetal heart rate pattern associated with a favorable neurological outcome in an infant: a case report. *J Med Case Rep*. **13**: 226, 2019.
- 20190325 Ishikawa M, Kasamatsu T, Tsuda H, Fukunaga M, Sakamoto A, Kaku T, Kato T, Takahashi K, Ariyoshi K, Suzuki K, Arimoto T, Matsumoto Y, Nakai H, Inoue T, Yokoyama M, Kawabata T, Kodama S, Miyamoto T, Takano M, Yaegashi N. : A multi-center retrospective study of neuroendocrine tumors of the uterine cervix: Prognosis according to the new 2018 staging system, comparing outcomes for different chemotherapeutic regimens and histopathological subtypes. *Gynecol Oncol*. **155**: 444-451, 2019.
- 20190326 Asaka R, Le A. : Dual role of N-acetyl-aspartyl-glutamate metabolism in cancer monitor and therapy. *Mol Cell Oncol*. **6**: e1627273, 2019.
- 20190327 Nishio S, Mikami Y, Tokunaga H, Yaegashi N, Satoh T, Saito M, Okamoto A, Kasamatsu T, Miyamoto T, Shiozawa T, Yoshioka Y, Mandai M, Kojima A, Takehara K, Kaneki E, Kobayashi H, Kaku T, Ushijima K, Kamura T. : Analysis of gastric-type mucinous carcinoma of the uterine cervix - An aggressive tumor with a poor prognosis: A multi-institutional study. *Gynecol Oncol*. **153**: 13-19, 2019.
- 20190328 Udupa S, Nguyen S, Hoang G, Nguyen T, Quinones A, Pham K, Asaka R, Nguyen K, Zhang C, Elgogary A, Jung JG, Xu Q, Fu J, Thomas AG, Tsukamoto T, Hanes J, Slusher BS, Cooper AJL, Le A. : Upregulation of the Glutaminase II Pathway Contributes to Glutamate Production upon Glutaminase I Inhibition in Pancreatic Cancer. *Proteomics*. **19**: e1800451, 2019.
- 20190329 Nguyen T, Kirsch BJ, Asaka R, Nabi K, Quinones A, Tan J, Antonio MJ, Camelo F, Li T, Nguyen S, Hoang G, Nguyen K, Udupa S, Sazeides C, Shen YA, Elgogary A, Reyes J, Zhao L, Kleensang A, Chaichana KL, Hartung T, Betenbaugh MJ, Marie SK, Jung JG, Wang TL, Gabrielson E, Le A. : Uncovering the Role of N-Acetyl-Aspartyl-Glutamate as a Glutamate Reservoir in Cancer. *Cell Rep*. **27**: 491-501, 2019.
- 20190330 Uehara M, Nakamura Y, Takahashi J, Suzuki T, Iijima M, Arakawa Y, Ida K, Kosho T, Kato H. : Efficacy of denosumab therapy for a 21-year-old woman with Prader-Willi syndrome, osteoporosis and history of fractures: a case report. *Ther Clin Risk Manag*. **15**: 303-307, 2019.

Anesthesiology and Resuscitology

- 20190331 Zhang H, Kashihara T, Nakada T, Tanaka S, Ishida K, Fuseya S, Kawagishi H, Kiyosawa K, Kawamata M, Yamada M : Prostanoid EP4 receptor-mediated augmentation of Ih currents in A β dorsal root ganglion neurons underlies neuropathic pain. *J Pharmacol Exp Ther*. **368**(1): 50-58, 2019.
- 20190332 Hattori K, Yoshitani K, Kato S, Kawaguchi M, Kawamata M, Kakinohana M, Yamada Y, Yamakage M, Nishiwaki K, Izumi S, Yoshikawa Y, Mori Y, Hasegawa K, Onishi Y : Association between motor evoked potentials and spinal cord damage diagnosed with magnetic resonance imaging after thoracoabdominal and descending aortic aneurysm repair. *J Cardiothorac Vasc Anesth* **33**(7): 1835-1842, 2019.
- 20190333 Kawamata M, Iseki M, Kawakami M, Yabuki S, Sasaki T, Ishida M, Nishiyori A, Hida H, Kikuchi S : Efficacy and safety of controlled-release oxycodone for the management of moderate-to severe chronic low back pain in Japan: results of an enriched enrollment randomized withdrawal study followed by an open-label extension study. *J Pain Research* **12**: 363-375, 2019.
- 20190334 Ichino T, Tanaka S, Tanaka R, Tanaka N, Ishida T, Sugiyama Y, Kawamata M : Transcranial motor-evoked potentials of laryngeal muscles for intraoperative neuromonitoring of the vagus nerve during thyroid surgery. *J Anesth* **33**(2): 221-229, 2019.
- 20190335 Yoshitani K, Kawaguchi M, Ishida K, Maekawa K, Miyawaki H, Tanaka S, Uchino H, Kakinohana M, Koide Y, Yokota M, Okamoto H, Nomura M : Guidelines for the use of cerebral oximetry by nearinfrared spectroscopy in cardiovascular anesthesia: a report by the cerebrospinal Division of the Academic Committee of the Japanese

Society of Cardiovascular Anesthesiologists (JSCVA). *J Anesth* 33(2): 167-196, 2019.

20190336 Hirabayashi K, Tanaka M, Imai A, Toriyama Y, Iesato Y, Sakurai T, Kamiyoshi A, Ichikawa-Shindo Y, Kawate H, Tanaka M, Dai K, Cui N, Wei Y, Nakamura K, Iida S, Matsui S, Yamauchi A, Murata T, Shindo T : Development of a novel model of central retinal vascular occlusion and therapeutic potential of the adrenomedullin-receptor activity-modifying protein 2 system. *Am J Pathol* 189(2): 449-466, 2019.

20190337 Matsui S, Tanaka M, Kamiyoshi A, Sakurai T, Ichikawa-Shindo Y, Kawate H, Dai K, Cui N, Wei Y, Tanaka M, Kakihara S, Nakamura K, Yamauchi A, Ishida K, Tanaka S, Kawamata M, Shindo T : Endogenous Calcitonin Gene-Related Peptide Deficiency Exacerbates Postoperative Lymphedema by Suppressing Lymphatic Capillary Formation and M2 Macrophage Accumulation. *Am J Pathol* 189(12): 2487-2502, 2019.

20190338 Kawamata M, Iseki M, Kawakami M, Yabuki S, Sasaki T, Ishida M, Nishiyori A, Hida H, Kikuchi S : Efficacy And Safety Of Controlled-Release Oxycodone For The Management Of Moderate-To-Severe Chronic Non-Cancer Pain In Japanese Patients: Results From An Open-Label Study. *J Pain Research* 12: 3423-3436, 2019.

20190339 Wakabayashi R, Ide S, Ishida T, Tanaka S, Kawamata M : Severe mitral regurgitation due to geometric changes in the mitral valve after surgical aortic valve replacement. *JA Clin Rep* 5(12): 59-59, 2019.

Plastic and Reconstructive Surgery

20190340 Nakajima Y, Yuzuriha S, Nagai F, Fujita K, Noguchi M : Oronasal transfixion suture to prevent uplifted nasal floor deformity in cleft lip and palate patients: A 5-year follow-up. *Cleft Palate Craniofac J* 56: 390-394, 2019.

20190341 Yasunaga Y, Yanagisawa D, Ohata E, Matsuo K, Yuzuriha S : Bioelectrical Impedance Analysis of Water Reduction in Lower-Limb Lymphedema by Lymphaticovenular Anastomosis. *J Reconstr Microsurg* 5: 306-314, 2019.

20190342 Nishioka H, Kondoh S, Yuzuriha S : Differences in palpebral fissure height depending on patient's intraoperative head position. *JPRAS Open* 20: 81-89, 2019.

20190343 Yuzuriha S, Nagai F, Noguchi M : How to manage disfiguring scars in involuted infantile hemangioma. *Adv Wound Care* 8: 221-229, 2019.

20190344 Nakajima Y, Yuzuriha S, Nagai F, Fujita K, Noguchi M : A Foxtail-shaped vermilion flap to reconstruct the medial tubercle in asymmetric bilateral cleft lip with contralateral lesser form defect. *Cleft Palate Craniofac J* 56: 1052-1057, 2019.

20190345 Yaguchi K, Noguchi M, Yasunaga Y, Hoshino Y, Yuzuriha S : Tracheoesophageal fistula due to a displaced external tracheal stent repaired using a local flap composed of intercostal muscle and rib periosteum. *J Pediatr Surg Case Reports* 42: 48-50, 2019.

20190346 Yasunaga Y, Tsuchiya A, Nakajima Y, Shoji Kondoh, Noguchi M, Yuzuriha S : Three-dimensional simulation for breast augmentation of female asymmetric pectus excavatum. *Aesthetic Surgery J Open Forum* 1: 12, 2019.

20190347 Ichinose Y, Yasunaga Y, Yuzuriha S : Rheumatoid lymphedema successfully treated with lymphaticovenular anastomosis. *J Reconstr Microsurg Open* 4: e24-e28, 2019.

20190348 Hosomi K, Iwasawa M, Kitazawa T, Nagai F : Two cases of radial ray deficiency with absence of first metacarpus and 2 tiny fingers. *Ann Plast Surg* 82: 162-165, 2019.

20190349 Suito M, Kitazawa T, Tsunekawa K, Shiba M : Intertendinous epidermoid cyst of forearm. *Case Report in Plast Surg and Hand Surg* 6: , 2019.

20190350 Suito M, Kitazawa T, Takashimizu I, Ikeda T : Madelung's disease: long-term follow-up. *J of Surgical Case Reports* 1: 1-4, 2019.

Laboratory Medicine

20190351 Kimura F, Kobayashi T, Kanai R, Kobayashi Y, Yuhi O, Ota H, Yamaguchi M, Yokokawa Y, Uehara T, Ishii K : Image quantification technology of the heterochromatin and euchromatin region for differential diagnosis in the lobular endocervical glandular hyperplasia. *Diagn Cytopathol* 47: 553-563, 2019.

20190352 Asaka S, Nakajima T, Momose M, Miyamoto T, Uehara T, Ota H : Trefoil factor family 2 protein: a potential immunohistochemical marker for aiding diagnosis of lobular endocervical glandular hyperplasia and gastric-type adenocarcinoma of the uterine cervix. *Virchows Arch* 474: 79-86, 2019.

20190353 Furukawa S, Matsuda K, Sugano M, Uehara T,

- Honda T : NLRP3 upregulation in A549 cells co-cultured with THP-1 macrophages under hypoxia via deregulated TGF- β signaling. *Exp Cell Res* **383**: 111506, 2019.
- 20190354 Ide Y, Yanagisawa R, Kubota N, Sakashita K, Tozuka M, Nakamura T, Honda T : Analysis of the clinical characteristics of pediatric patients who experience ifosfamide-induced encephalopathy. *Pediatr Blood Cancer* **66**: e27996, 2019.
- 20190355 Yamanaka M, Yanagisawa R, Kojima S, Nakazawa H, Shimodaira S : Investigation of factors associated with allergic transfusion reaction due to platelet transfusion and the efficacy of platelets resuspended in BRS-A in adult patients. *Transfusion* **59**: 3405-3412, 2019.
- 20190356 Ichimata S, Aoyagi D, Yoshinaga T, Katoh N, Kametani F, Yazaki M, Uehara T, Shiozawa S : A case of spheroid-type localized lactoferrin amyloidosis in the bronchus. *Pathol Int* **69**: 235-240, 2019.
- 20190357 Suzuki T, Hattori R, Minagawa T, Uehara T, Ogawa T, Ishizuka O : Intestinal Injury by Heat Conduction from Surgical Sealing Devices. *JLS* **23**: e2018.00100., 2019.
- 20190358 Yamamoto H, Yasuo M, Komatsu M, Ushiki A, Hamano H, Hori A, Nakajima T, Uehara T, Fujinaga Y, Matsui S, Hanaoka M : Comparison of the chemokine profiles in the bronchoalveolar lavage fluid between IgG4-related respiratory disease and sarcoidosis: CC-chemokine ligand 1 might be involved in the pathogenesis of sarcoidosis. *Cytokine* **120**: 125-129, 2019.
- 20190359 Ichimata S, Aoyagi D, Takehana T, Uehara T, Shiozawa S : A case of large cell neuroendocrine carcinoma exhibiting rhabdoid features in the esophagogastric junction. *Pathol Int* **69**: 481-487, 2019.
- 20190360 Kosaka M, Yasuo M, Kinota F, Machida R, Kitaguchi Y, Ushiki A, Yamamoto H, Uehara T, Hamanaka K, Kawakami S, Hanaoka M : Probe-based optical fiberscopy for the direct observation of peripheral pulmonary lesions. *Respir Investig* **57**: 481-489, 2019.
- 20190361 Kuraishi Y, Uehara T, Kobayashi Y, Nakajima T, Watanabe T, Shimizu A, Ota H, Tanaka E : Correlation of clinicopathological features and leucine-rich repeat-containing G-protein-coupled receptor 5 expression in pancreatic ductal adenocarcinoma. *Pathol Res Pract* **215**: 152623, 2019.
- 20190362 Kamiyo T, Mukai S, Taira C, Higuchi Y, Okumura N : γ D318Y fibrinogen shows no fibrin polymerization due to defective "A-a" and "B-b" interactions, whereas that of γ K321E fibrinogen is nearly normal. *Thromb Res* **182**: 150-158, 2019.
- 20190363 Yoshinaga T, Kurokawa T, Uehara T, Nitta J, Horiuchi T, Sekijima Y : Optic neuropathy from connected intra- and extraorbital lesions in IgG4-related disease. *Rinsho Shinkeigaku* **59**: 746-751, 2019.
- 20190364 Ida K, Yamanoi K, Asaka S, Takeuchi H, Miyamoto T, Shiozawa T, Nakayama J : α GlcNAc and its catalyst α 4GnT are diagnostic and prognostic markers in uterine cervical tumor, gastric type. *Sci Rep* **9**: 13043, 2019.
- 20190365 Ida K, Miyamoto T, Takatsu A, Ando H, Asaka R, Takeuchi H, Ono M, Yamada S, Asaka S, Shiozawa T : Whole-exome sequencing of lobular endocervical glandular hyperplasia. *Oncol Lett* **18**: 2592-2597, 2019.
- 20190366 Mochizuki Y, Iwaya Y, Iwaya M, Hirota Y, Inoue H : Pedunculated signet ring cell carcinoma of the stomach mimicking a hyperplastic polyp. *Gastrointest Endosc* **90**: 848-849, 2019.
- 20190367 Iwaya M, Ota H, Tateishi Y, Nakajima T, Riddell R, Conner JR : Colitis-associated colorectal adenocarcinomas are frequently associated with non-intestinal mucin profiles and loss of SATB2 expression. *Mod Pathol* **32**: 884-892, 2019.
- 20190368 Ikeda SI, Hineno A, Yoshinaga T, Matsuo K, Suga T, Shiina T, Otsuki T, Hoshii Y : Sjögren syndrome-related plasma cell disorder and multifocal nodular AL amyloidosis: clinical picture and pathological findings. *Amyloid* **26**: 225-233, 2019.
- 20190369 Ichimata S, Kobayashi M, Ohya M, Otsuki T, Yanagisawa K, Tateishi K, Kato A, Matsuo A, Kanno H : A fulminant case of classical Hodgkin lymphoma: A diagnostic dilemma of Epstein-Barr virus-positive large B-cell neoplasms. *Pathol Int* **69**: 407-413, 2019.
- 20190370 Okumura T, Takayama S, Nishio SI, Miyakoshi T, Noguchi T, Kobayashi T, Fukushima T, Sekiguchi N, Otsuki T, Komatsu M, Koizumi T : ACTH-producing thymic neuroendocrine tumor initially presenting as psychosis: A case report and literature review. *Thorac Cancer* **10**: 1648-1653, 2019.
- 20190371 Hardian RF, Goto T, Kuwabara H, Hanaoka Y, Kobayashi S, Kanno H, Shimojo H, Horiuchi T, Hongo K : An autopsy case of widespread brain dissemination of

glioblastoma unnoticed by magnetic resonance imaging after treatment with bevacizumab. *Surg Neurol Int* 10: 137, 2019.

20190372 Sunohara D, Motoki H, Saigusa T, Ebisawa S, Okada A, Ando H, Sato M, Kuwahara K : Biopsy detection and clinical management of acute lymphocytic myocarditis in pregnancy. *J Cardiol Cases* 20: 164-167, 2019.

20190373 Fukushima T, Noguchi T, Kobayashi T, Sekiguchi N, Ozawa T, Koizumi T, Tamada H : Late and Rapid Relapse in Mediastinum from Testicular Germ Cell Tumor Stage I Over 13 Years after Surgery. *Case Rep Oncol* 12: 500-505, 2019.

20190374 Negishi T, Matsumoto T, Shinagawa J, Kasuga E, Horiuchi K, Natori T, Sugano M, Uehara T, Honda T : A case of cervical subcutaneous abscess due to *Bordetella hinzii*. *Diagn Microbiol Infect Dis* 95: 114865, 2019.

20190375 Takeichi N, Yamazaki H, Fujimoto K : Comparison of impedance measured by the forced oscillation technique and pulmonary functions, including static lung compliance, in obstructive and interstitial lung disease. *Int J Chron Obstruct Pulmon Dis* 14: 1109-1118, 2019.

20190376 Hori A, Yamaura M, Morita S, Uehara T, Honda T, Hidaka H : Characterization of galactosyl and lactosyl sulfatide species in human serum by MALDI-TOF mass spectrometry. *Ann Clin Biochem* 56: 574-582, 2019.

Emergency and Critical Care Medicine

20190377 Imamura H : Woman with severe chest pain. *JACEP open* 1(1): 53-54, 2019.

20190378 Nitta K, Okamoto K, Imamura H, Mochizuki K, Takayama H, Kamijo H, Okada M, Takeshige K, Kashima Y, Satou T : A comprehensive protocol for ventilator weaning and extubation: a prospective observational study. *J Intensive Care* 7: 50(2019), 2019.

20190379 Miyama H, Okada M, Takayama H, Imamura H, Muranaka F : Cardiac Arrest Due to Tension Pneumoperitoneum Caused by Esophagogastric Perforation and Pyloric Stenosis : A Case Report. *shinshu Med J* 67: 113-119, 2019.

20190380 Ueki Y, Mohri M, Matoba T, Kadokami T, Suwa S, Yagi T, Takahashi H, Tanaka N, Hokama Y, Fukuhara R, Onitsuka K, Tachibana E, Yonemoto N, Nagao K; Japanese Circulation Society Shock Registry Scientific Committee. : Prognostic Value of Neurological Status on Hospital Arrival

for Short-Term Outcome in Patients With Cardiovascular Shock - Sub-analysis of the Japanese Circulation Society Cardiovascular Shock Registry. *Circ J* 83: 1247-1253, 2019.

20190381 Satou T, Imamura H, Mochizuki K, Ichikawa M, Takeshige K, Kamijo H, Takayama H, Nitta K, Kikuchi T, Okamoto K : Efficacy of protocol-based non-invasive positive pressure ventilation for acute respiratory distress syndrome: a retrospective observational study. *Acute Med Surg* 7: e465, 2019.

20190382 Iba T, Arakawa M, Mochizuki K, Nishida O, Wada H, Levy JH : Usefulness of measuring changes in SOFA score for the prediction of 28-day mortality in patients with sepsis-associated disseminated intravascular coagulation. *Clin Appl Thromb Hemost* 25: 1076029618824040, 2019.

20190383 Sakamoto K, Matoba T, Mohri M, Ueki Y, Tsujita Y, Yamasaki M, Tanaka N, Hokama Y, Fukutomi M, Hashiba K, Fukuhara R, Suwa S, Matsuura H, Tachibana E, Yonemoto N, Nagao K : Clinical characteristics and prognostic factors in acute coronary syndrome patients complicated with cardiogenic shock in Japan: analysis from the Japanese Circulation Society Cardiovascular Shock Registry. *Heart Vessels* 34: 1241-1249, 2019.

20190384 Imamura H : Respiratory Tract Burns, Traumatic Pulmonary Contusions, Crushing Death, and Crush Syndrome: What Kinds of Lung Injury Occur by Respiratory Tract Burn, Traumatic Contusion, and Crush Syndrome? In: Fujimoto K. *Disaster and Respiratory Diseases, Respiratory Disease Series: Diagnostic Tools and Disease Managements*. Singapore: Springer; 2019. p.37-57.

Comprehensive Cancer Therapy

20190385 Fukushima T, Noguchi T, Kobayashi T, Sekiguchi N, Ozawa T, Koizumi T, Tamada H : Late and rapid relapse in mediastinum from testicular germ cell tumor stage I over 13 years after surgery. *Case Rep Oncol* 12: 500-505, 2019.

20190386 Gibo T, Sekiguchi N, Gomi D, Noguchi T, Fukushima T, Kobayashi T, Ozawa T, Yamada S, Koizumi T : Targeted therapy with trastuzumab for epidermal growth factor receptor 2(HER2)-positive advanced salivary duct carcinoma: A case report. *Mol Clin Oncol* 11: 111-115, 2019.

20190387 Gomi D, Fukushima T, Kobayashi T, Sekiguchi N, Koizumi T, Oguchi K : Fluorine-18-fluorodeoxyglucose-positron emission tomography evaluation in metastatic bone lesions in lung cancer: Possible prediction of pain and

- skeletal-related events. *Thorac Cancer* 10(4): 980-987, 2019.
- 20190388 Kawakami T, Sekiguchi N, Kobayashi J, Yamane T, Nishina S, Sakai H, Hirabayashi Y, Nakazawa H, Ishida F : STAT3 mutations in natural killer cells are associated with cytopenia in patients with chronic lymphoproliferative disorder of natural killer cells. *Int J Hematol* 109(5): 563-571, 2019.
- 20190389 Komatsu M, Yamamoto H, Shomura T, Sonehara K, Ichiyama T, Urushihata K, Ushiki A, Yasuo M, Wakamatsu T, Sugimoto S, Oto T, Date H, Koizumi T, Hanaoka M, Kubo K : Twenty-year follow-up of the first bilateral living-donor lobar lung transplantation in Japan. *Intern Med* 58(21): 3133-3137, 2019.
- 20190390 Matsuoka S, Koyama T, Takeda T, Yamada K, Hyogotani A, Hamanaka K, Sekiguchi N, Koizumi T : Development of angiosarcoma in a mediastinal non-seminomatous germ cell tumor that exhibited growing teratoma syndrome during chemotherapy. *Thorac Cancer* 10(1): 111-115, 2019.
- 20190391 Matsushita N, Ishida N, Ibi M, Saito M, Takahashi M, Taniguchi S, Iwakura Y, Morino Y, Taira E, Sawa Y, Hirose M : IL-1 β Plays an Important Role in Pressure Overload-Induced Atrial Fibrillation in Mice. *Biol Pharm Bull* 42(4): 543-546, 2019.
- 20190392 Miura K, Hamanaka K, Koizumi T, Kawakami S, Kobayashi N, Ito KI : Solid component tumor doubling time is a prognostic factor in non-small cell lung cancer patients. *J Cardiothorac Surg* 14(1): 57, 2019.
- 20190393 Noguchi T, Gomi D, Fukushima T, Ozawa T, Kobayashi T, Sekiguchi N, Mamiya K, Koizumi T : A Case of Unresectable Pulmonary Artery Intimal Sarcoma with Prolonged Survival by Chemotherapy. *Case Rep Oncol* 12: 192-198, 2019.
- 20190394 Okumura T, Takayama S, Nishio SI, Miyakoshi T, Noguchi T, Kobayashi T, Fukushima T, Sekiguchi N, Otsuki T, Komatsu M, Koizumi T : ACTH-producing thymic neuroendocrine tumor initially presenting as psychosis: A case report and literature review. *Thorac Cancer* 10(7): 1648-1653, 2019.
- 20190395 Ozawa M, Fukushima T, Noguchi T, Kobayashi T, Sekiguchi N, Koizumi T : Intra-oesophageal invasion of thymoma. *Respirol Case Rep* 7(8): e00485, 2019.
- 20190396 Sato Y, Shirota S, Kuniwa Y, Sekiguchi N, Okuyama R, Koizumi T : Thymoma-associated graft-versus-host-like disease treated with high-dose i.v. immunoglobulin. *J Dermatol* 46(6): e224-e225, 2019.
- 20190397 Shimodaira S, Yanagisawa R, Koya T, Hirabayashi K, Higuchi Y, Sakamoto T, Togi M, Kato T Jr, Kobayashi T, Koizumi T, Koido S, Sugiyama H : In vivo administration of recombinant human granulocyte colony-stimulating factor increases the immune effectiveness of dendritic cell-based cancer vaccination. *Vaccines* 7: 120, 2019.
- 20190398 Sonehara K, Kobayashi T, Tateishi K, Morozumi N, Yoshiike F, Hachiya T, Ono Y, Takasuna K, Agatsuma T, Masubuchi T, Matsuo A, Tanaka H, Morikawa A, Hanaoka M, Koizumi T : Clinical analysis of EGFR-positive non-small cell lung cancer patients treated with first-line afatinib: A Nagano Lung Cancer Research Group. *Thorac Cancer* 10(5): 1078-1085, 2019.
- 20190399 Sonehara K, Tateishi K, Fukushima T, Komatsu M, Yamamoto H, Koizumi T, Hanaoka M : The efficacy of amrubicin third-line chemotherapy in patients with relapsed extensive-disease small-cell lung cancer: A retrospective and historical study in a single institute. *Thorac Cancer* 10(9): 1805-1811, 2019.
- 20190400 Sonehara K, Tateishi K, Komatsu M, Yamamoto H, Hanaoka M, Kanda S, Koizumi T : Modified Glasgow Prognostic Score as a Prognostic Factor in Patients with Extensive Disease-Small-Cell Lung Cancer: A Retrospective Study in a Single Institute. *Chemotherapy* 64(3): 129-137, 2019.
- 20190401 Watanabe Y, Nagai Y, Honda H, Okamoto N, Yanagibashi T, Ogasawara M, Yamamoto S, Imamura R, Takasaki I, Hara H, Sasahara M, Arita M, Hida S, Taniguchi S, Suda T, Takatsu K : Bidirectional crosstalk between neutrophils and adipocytes promotes adipose tissue inflammation. *FASEB J* 33(11): 11821-11835, 2019.
- 20190402 Yamaguchi M, Okamura S, Yamaji T, Iwasaki M, Tsugane S, Shetty V, Koizumi T : Plasma cytokine levels and the presence of colorectal cancer. *PLoS One* 14(3): e0213602, 2019.
- 20190403 Yamaguchi M, Suzuki R, Miyazaki K, Amaki J, Takizawa J, Sekiguchi N, Kinoshita S, Tomita N, Wada H, Kobayashi Y, Niitsu N, Ando T, Maeda T, Saito B, Matsuoka H, Sasaki R, Kubota N, Masaki Y, Kameoka Y, Oguchi M, Katayama N : Improved prognosis of extranodal NK/T cell lymphoma, nasal type of nasal origin but not extranasal origin. *Ann Hematol* 98: 1647-1655, 2019.

Child and Adolescent Developmental Psychiatry

20190404 Yamaguchi M, Sasayama D, Washizuka, S. : Clinical Utility of Salivary Cytokines for Children with Attention Deficit Hyperactivity Disorder. *International Journal of Medical, Medicine and Health Sciences* 13: 379-382, 2019.

20190405 Mitsuaki Iwasa, Yasuo Shimizu, Ikuko Hara, Miho Imai, and Hideo Honda : The earlier, the better? Diagnostic experiences of parents in a community-based early intervention system for preschool children with autism. *Autism & Developmental Language Impairments* 4: 1-12, 2019.

Infection and Host Defense

20190406 Mikawa S, Kondo M, Kaji N, Mihara T, Yoshitake R, Nakagawa T, Takamoto M, Nishimura R, Shimada S, Ozaki H, Hori M : Serotonin 3 receptor signaling regulates 5-fluorouracil-mediated apoptosis indirectly via TNF- α production by enhancing serotonin release from enterochromaffin cells. *FASEB J* 33: 1669-1680, 2019.

20190407 Mitsunaga T, Norose K, Aosai F, Horie H, Ohnuma N, Yano A. : Infection dynamics of *Toxoplasma gondii* in gut-associated tissues after oral infection: The role of Peyer's patches. *Parasitol Int* 68: 40-47, 2019.

Drug Discovery Science

20190408 Ichiyama T, Yamamoto H, Hongo K : Effects of subtype-selective E prostanoid receptor agonists on bleomycin-induced pulmonary fibrosis in rats. *Shinshu Med J* 67: 183-195, 2019.

Brain Disease Research

20190409 Ohara S, Miyahira TA, Oguchi K, Takei YI, Yanagimura F, Kawachi I, Oyanagi K, Kakita A, : Neuromyelitis optica spectrum disorder with massive basal ganglia involvement: a case report. *BMC Neurol.* 19(1): 351, 2019.

20190410 Saito R, Nozaki H, Kato T, Toyoshima Y, Tanaka H, Tsubata Y, Morioka T, Horikawa Y, Oyanagi K, Morita T, Onodera O, Kakita A : Retinal vasculopathy with cerebral leukodystrophy: clinicopathologic features of an autopsied patient with a heterozygous TREX 1 mutation. *J Neuropathol Exp Neurol* 78: 181-186, 2019.

20190411 Saitoh BY, Yamasaki R, Hiwatashi A, Matsushita T, Hayashi S, Mitsunaga Y, Maeda Y, Isobe N, Yoshida K, Ikeda SI, Kira JI, : Discriminative clinical and neuroimaging features of motor-predominant hereditary diffuse leukoencephalopathy with axonal spheroids and primary progressive multiple sclerosis: A preliminary cross-sectional study. *Mult Scler Relat Disord* 31: 22-31, 2019.

Innovation of Medical and Health Sciences Research

20190412 Nagashio S, Ajima K, Maejima D, Sanjo H, Kajihara R, Hayashi M, Watanabe-Asaka T, Kaidoh M, Yokoyama Y, Taki S, Kawai Y, Ohhashi T : Water intake increases mesenteric lymph flow and the total flux of albumin, long-chain fatty acids, and IL-22 in rats: New concept of absorption in jejunum. *Am J Physiol Gastrointest Liver Physiol* 316: G155-G165, 2019.

20190413 Ohhashi T, Kawai Y : Physiology of the Gastrointestinal Lymphatics. In: Natsugoe S ed. *Lymph Node Metastasis in Gastrointestinal Cancer*. Tokyo: Springer Nature; 2019. p.1-16.

Hearing Implant Sciences

20190414 Yokota Y, Moteki H, Nishio SY, Yamaguchi T, Wakui K, Kobayashi Y, Ohyama K, Miyazaki H, Matsuoka R, Abe S, Kumakawa K, Takahashi M, Sakaguchi H, Uehara N, Ishino T, Kosho T, Fukushima Y, Usami SI. : Frequency and clinical features of hearing loss caused by STRC deletions. *Sci Rep.* 9: 4408, 2019.

20190415 Ideura M, Nishio SY, Moteki H, Takumi Y, Miyagawa M, Sato T, Kobayashi Y, Ohyama K, Oda K, Matsui T, Ito T, Suzumura H, Nagai K, Izumi S, Nisiyama N, Komori M, Kumakawa K, Takeda H, Kishimoto Y, Iwasaki S, Furutate S, Ishikawa K, Fujioka M, Nakanishi H, Nakayama J, Horie R, Ohta Y, Naito Y, Kakudo M, Sakaguchi H, Kataoka Y, Sugawara K, Hato N, Nakagawa T, Tsuchihashi N, Kanda Y, Kihara CH, Tono T, Miyano-hara I, Ganaha A, Usami SI. : Comprehensive analysis of syndromic hearing loss patients in Japan. *Sci Rep.* 9: 11976, 2019.

20190416 Kitano T, Kitajiri SI, Nishio SY, Usami SI. : Detailed Clinical Features of Deafness Caused by a Claudin-14 Variant. *Int J Mol Sci.* 20: 4579, 2019.

20190417 Sugiyama K, Moteki H, Kitajiri SI, Kitano T, Nishio SY, Yamaguchi T, Wakui K, Abe S, Ozaki A, Motegi R, Matsui H, Teraoka M, Kobayashi Y, Kosho T, Usami SI. : Mid-Frequency Hearing Loss Is Characteristic Clinical

Feature of OTOA-Associated Hearing Loss. *Genes*. 10: 715, 2019.

20190418 Yasukawa R, Moteki H, Nishio SY, Ishikawa K, Abe S, Honkura Y, Hyogo M, Mihashi R, Ikezono T, Shintani T, Ogasawara N, Shirai K, Yoshihashi H, Ishino T, Otsuki K, Ito T, Sugahara K, Usami SI. : The Prevalence and Clinical Characteristics of TECTA-Associated Autosomal Dominant Hearing Loss. *Genes*. 10: 744, 2019.

20190419 Maekawa K, Nishio SY, Abe S, Goto SI, Honkura Y, Iwasaki S, Kanda Y, Kobayashi Y, Oka SI, Okami M, Oshikawa C, Sakuma N, Sano H, Shirakura M, Uehara N, Usami SI. : Mutational Spectrum and Clinical Features of Patients with LOXHD1 Variants Identified in an 8074 Hearing Loss Patient Cohort. *Genes*. 10: 735, 2019.

Rehabilitation Center

20190420 Oosawa R, Iwasaki R, Suzuki T, Tanabe S, Sugawara K. : Neurophysiological Analysis of Intermanual Transfer in Motor Learning. *Front Hum Neurosci* 13: 135, 2019.

20190421 Yamamoto S, Yamaga T, Nishie K, Nagata C, Mori R. : Positive airway pressure therapy for the treatment of central sleep apnoea associated with heart failure. *Cochrane Database Syst Rev* 12: CD012803, 2019.

20190422 Sakai Y, Yamamoto S, Hoshina M, Kawachi S, Ichiyama T, Hanaoka M. : Using SpO2 Recovery Index after a 6-Minute Walk Test to Predict Respiratory-Related Events in Hospitalized Patients with Interstitial Pneumonia. *Sci Rep*. 9: 15226, 2019.

20190423 Tokida R, Uehara M, Ikegami S, Takahashi J, Nishimura H, Sakai N, Kato H. : Association Between Sagittal Spinal Alignment and Physical Function in the Japanese General Elderly Population: A Japanese Cohort Survey Randomly Sampled from a Basic Resident Registry. *J Bone Joint Surg Am*. 101: 1698-1706, 2019.

20190424 Ikegami S, Takahashi J, Uehara M, Tokida R, Nishimura H, Sakai A, Kato H. : Physical performance reflects cognitive function, fall risk, and quality of life in community-dwelling older people. *Sci Rep*. 9: 12242, 2019.

20190425 Uehara M, Takahashi J, Ikegami S, Tokida R, Nishimura H, Kuraishi S, Sakai N, Kato H. : Impact of Diffuse Idiopathic Skeletal Hyperostosis on Sagittal Spinal Alignment in the General Elderly Population: A Japanese Cohort Survey Randomly Sampled from a Basic Resident Registry. *JB JS Open Access*. : e0062, 2019.

20190426 Sato M, Ido Y, Yoshimura Y, Mutai H. : Relationship of Malnutrition During Hospitalization With Functional Recovery and Postdischarge Destination in Elderly Stroke Patients. *J Stroke Cerebrovasc Dis*. 28: 1866-1872, 2019.

20190427 Motoki H, Nishimura M, Kanai M, Kimura K, Minamisawa M, Yamamoto S, Saigusa T, Ebisawa S, Okada A, Kuwahara K. : Impact of inpatient cardiac rehabilitation on Barthel Index score and prognosis in patients with acute decompensated heart failure. *Int J Cardiol*. 293: 125-130, 2019.

Center for Medical Genetics

20190428 Yamaguchi T, Takano K, Inaba Y, Morikawa M, Motobayashi M, Kawamura R, Wakui K, Nishi E, Hirabayashi S, Fukushima Y, Kato H, Takahashi J, Kosho T. : PIEZO2 deficiency is a recognizable arthrogryposis syndrome: a new case and literature review. *Am J Med Genet A*. 179: 948-957, 2019.

20190429 Ogawa Y, Nakamura K, Ezawa N, Yamaguchi T, Yoshinaga T, Miyazaki D, Kosho T, Sekijima T. : A novel CACNA1A nonsense variant in a patient presenting with paroxysmal exertion-induced dyskinesia. *J Neurol Sci*. 399: 214-216, 2019.

20190430 Hirose T, Takahashi N, Tangkawattana P, Minaguchi J, Mizumoto S, Yamada S, Miyake N, Hayashi S, Hatamochi A, Nakayama J, Yamaguchi T, Hashimoto A, Nomura Y, Takehana K, Kosho, Watanabe T. : Structural alteration of glycosaminoglycan side chains and spatial disorganization of collagen networks in the skin of patients with mcEDS-CHST14. *Biochim Biophys Acta Gen Subj*. 1863: 623-631, 2019.

20190431 Yokota Y, Moteki H, Nishio SY, Yamaguchi T, Wakui K, Kobayashi Y, Ohyama K, Miyazaki H, Matsuoka R, Abe S, Kumakawa K, Takahashi M, Sakaguchi H, Uehara N, Ishino T, Kosho T, Fukushima Y, Usami S : Frequency and clinical features of hearing loss caused by STRC deletions. *Sci Rep*. 9: 4408, 2019.

20190432 Yamasaki M, Abe K, Kosho T, Yamaguchi T. : Familial Aortic Dissection in a Young Adult Caused by MYH11 Gene Mutation. *Ann Thorac Surg*. 108: e49, 2019.

20190433 Iida A, Takano K, Takeshita E, Abe-Hatano C, Hirabayashi S, Inaba Y, Kosugi S, Kamatani Y, Momozawa Y, Kubo M, Nakagawa E, Inoue K, Goto YI. : A novel PAK3 pathogenic variant identified in two siblings from a Japanese family with X-linked intellectual disability: case report and

review of the literature. *Cold Spring Harb Mol Case Stud.* 5: a003988, 2019.

20190434 Sugiyama K, Moteki H, Kitajiri SI, Kitano T, Nishio SY, Yamaguchi T, Wakui K, Abe S, Ozaki A, Motegi R, Matsui H, Teraoka M, Kobayashi Y, Kosho T, Usami SI. : Mid-Frequency Hearing Loss Is Characteristic Clinical Feature of OTOA-Associated Hearing Loss. *Genes (Basel).* 10: 715, 2019.

Department of Pharmacy

20190435 Ikemura N, Yamaori S, Kobayashi C, Kamijo S, Murayama N, Yamazaki H, Ohmori S : Inhibitory effects of antihypertensive drugs on human cytochrome P450 2J2 activity: potent inhibition by azelnidipine and manidipine. *Chem Biol Interact* 306: 1-9, 2019.

20190436 Mimura A, Yamaori S, Ikemura N, Katsuyama Y, Matsuzawa N, Ohmori S : Influence of azole antifungal drugs on blood tacrolimus levels after switching from intravenous tacrolimus to once-daily modified release tacrolimus in patients receiving allogeneic hematopoietic stem cell transplantation. *J Clin Pharm Ther* 44: 565-571, 2019.

Clinical Resident Training Center

20190437 Kiyotaka HOSODA, Yuichi MASUDA, Atsuyoshi MITA, Akira KOBAYASHI : Interferon-free Anti-hepatitis C Virus Treatment for Long-term Liver Transplantation Recipients with Failed Interferon Therapy. *Shinshu Medical Journal* 67: 417-423, 2019.

Medical Safety Management Room

20190438 Shimizu I, Nakazawa H, Sato Y, Wolfhagen IHAP, Könings KD : Does blended problem-based learning make Asian medical students active learners? : a prospective comparative study. *BMC Med Educ* 19: 147-156, 2019.

20190439 Shimizu I, Mori J, Tada T : “Modified World Café” workshop for a curriculum reform process. *Asia Pacific Sch* 4: 55-58, 2019.

Division of Animal Research

20190440 Yamanaka H, Kadomatsu R, Takagi T, Ohsawa M, Yamamoto N, Kubo N, Takemoto T, Ohsawa K : Antimicrobial resistance profiles of vancomycin-resistant *Enterococcus* species isolated from laboratory mice. *J Vet Sci* 20(2): e13, 2019.

20190441 Takahiro Yoshizawa, Shin Shimada, Yoshito Takizawa, Tsuyoshi Makino, Yasuhide Kanada, Yoshiharu Ito, Toshiaki Ochiai, and Kiyoshi Matsumoto : Continuous Measurement of Locomotor Activity During Convalescence and Acclimation in Group-Housed Rats. *Exp Anim* 68(3): 277-283, 2019.

20190442 Yokoyama Y, Ono A, Yoshida M, Matsumoto K, Saito M : Toxicological significance of increased serum alkaline phosphatase activity in dog studies of pesticides: Analysis of toxicological data evaluated in Japan. *Regul Toxicol Pharmacol* 109: 104482, 2019.

20190443 Hideki Sanjo, Jun Nakayama, Takahiro Yoshizawa, Hans Joerg Fehling, Shizuo Akira and Shinsuke Taki : TAK1 Safeguards Macrophages against Proinflammatory Cell Death. *J Immunol* 203(4): 783-788, 2019.

20190444 Tomoki Kosho, Shuji Mizumoto, Takafumi Watanabe, Takahiro Yoshizawa, Noriko Miyake, and Shuhei Yamada : Recent Advances in the Pathophysiology of Musculocontractural Ehlers-Danlos Syndrome. *Genes* 11(1): 43, 2019.

Division of Radioisotope Experiments

20190445 M Hirota, S Higaki, S Ito, Y Ishida, K Terao : Radioactive iodine volatilization inhibition effect of cyclodextrin. *J Radioanal Nucl Chem.* 320: 621-625, 2019.

補 遺

No. 47

2018

Molecular Pharmacology

20180482 Komatsu M, Nakada T, Kawagishi H, Kato H, Yamada M : Increase in phospholamban content in mouse skeletal muscle after denervation. *J Muscle Res Cell Motil* 39: 163-173, 2018.

Medicine II (Gastroenterology Nephrology Hematology)

20180483 Kawakami T, Sekiguchi N, Kobayashi J, Imi T, Matsuda K, Yamane T, Nishina S, Senoo Y, Sakai H, Ito T, Koizumi T, Hirokawa M, Nakao S, Nakazawa H, Ishida F : Frequent STAT3 mutations in CD8+ T cells from patients with pure red cell aplasia. *Blood Adv* 2: 2704-2712, 2018.

Orthopaedic Surgery

20180484 Komatsu M, Nakada T, Kawagishi H, Kato H, Yamada M. : Increase in phospholamban content in mouse skeletal muscle after denervation. *J Muscle Res Cell Motil*. 39(5-6): 163-173, 2018.

Otorhinolaryngology

20180485 Moteki H, Nishio SY, Miyagawa M, Tsukada K, Noguchi Y, Usami SI. : Feasibility of hearing preservation for residual hearing with longer cochlear implant electrodes. *Acta Otolaryngol*. 138(12): 1084-1089, 2018.

Anesthesiology and Resuscitology

20180486 Komatsu T, Motoki H, Kimura K, Saigusa T, Ebisawa S, Yokokawa Y, Ando H, Ichino T, Kuwahara K : A case of thrombolytic therapy with recombinant tissue plasminogen activator for mechanical valve thrombosis at 9 weeks of pregnancy in a Japanese woman. *Journal of Cardiology Cases* 19(1): 15-18, 2018.

Hearing Implant Sciences

20180487 Moteki H, Nishio SY, Miyagawa M, Tsukada K, Noguchi Y, Usami SI. : Feasibility of hearing preservation for residual hearing with longer cochlear implant electrodes. *Acta Otolaryngol*. 138(12): 1084-1089, 2018.

あ と が き

信州大学医学部医学科・大学院医学系研究科・医学部附属病院業績録第48号をお届けします。

本業績録は過去1年間、各教室や部門などでなされた4つの活動（研究活動、教育活動、診療活動、社会貢献）のうち、研究活動の成果として公表された論文を中心にまとめたものです。自己点検、自己評価、学内・学外への報告において、本業績録の役割は重要と思われます。この1年の研究活動を振り返り、今後の方向性を考える契機にいただければ幸いです。

2019年度の信州大学医学部の英文論文は445本でした。1本1本の論文に、様々な研究者の努力、患者さんを含めた関係者の協力が込められていると思うと感慨深い数字です。ここ数年の動きとして、医学的・科学的妥当性・信頼性が保証されていないオープンアクセス誌（いわゆるハゲタカジャーナル）が登場し、全国の大学でも問題となっております。今回出版委員会・医学部図書館スタッフで慎重に提出論文を精査いたしまして、本業績集をまとめさせていただきました。

新型コロナウイルス感染（COVID-19）拡大により、2020年における大学の診療・研究・教育のあり方は一変しました。希少疾患や先端的治療などの専門的診療の制限を余儀なくされている施設も少なくないと思われます。学術集会や班会議を通じた直接の対面交流もほとんどできなくなりました。この状況はしばらく続くと予想されます。こうした環境で、次年度以降の信州大学医学部の業績はどのようになっていくのでしょうか。希望的には、オンラインでの診療および学術交流が国内国外を問わず一気に加速したこと、また、地方大学ならではの苦勞の種であった多くの出張がなくなり自身の研究に向き合える時間が増えたことは、もしかしたら、高品質の研究をじっくり進められるという「追い風」にもなり得るのではないかと考えています。1本の論文が研究者の人生を変えることもあります。今後どのような環境にあったとしても、信州大学医学部から個性豊かな研究成果が論文として発信されること、そして、「見守り役」としてこの業績集がさらに発展することを祈念いたします。

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