

2021

Yotani N, Shinjo D, Kato M, Matsumoto K, Fushimi K, Kizawa Y. Current status of intensive end-of-life care in children with hematologic malignancy: a population-based study. *BMC Palliat Care* 20:82,2021

Yoshimura S, Mizuno T, Osumi T, Shioda Y, Kiyotani C, Terashima K, Deguchi T, Nakadate H, Kato M, Matsumoto K, Tomizawa D. Successful Umbilical Cord Blood Transplantation With Reduced-intensity Conditioning for Acute Myeloid Leukemia in a Child With Shwachman-Diamond Syndrome. *J Pediatr Hematol Oncol* 43:e414-e418,2021

Yoshida M, Tomizawa D, Yoshimura S, Osumi T, Nakabayashi K, Ogata-Kawata H, Ishiwata K, Sato-Otsubo A, Kimura Y, Ito S, Matsumoto K, Deguchi T, Kiyokawa N, Yoshioka T, Hata K, Kato M. Genetic features of precursor B-cell phenotype Burkitt leukemia with IGH-MYC rearrangement. *Cancer Rep (Hoboken)* e1545,2021

Yoshida M, Nakabayashi K, Yang W, Sato-Otsubo A, Tsujimoto SI, Ogata-Kawata H, Kawai T, Ishiwata K, Sakamoto M, Okamura K, Yoshida K, Shirai R, Osumi T, Moriyama T, Nishii R, Takahashi H, Kiyotani C, Shioda Y, Terashima K, Ishimaru S, Yuza Y, Takagi M, Arakawa Y, Kinoshita A, Hino M, Imamura T, Hasegawa D, Nakazawa Y, Okuya M, Kakuda H, Takasugi N, Inoue A, Ohki K, Yoshioka T, Ito S, Tomizawa D, Koh K, Matsumoto K, Sanada M, Kiyokawa N, Ohara A, Ogawa S, Manabe A, Niwa A, Hata K, Yang JJ, Kato M. NUDT15 variants confer high incidence of second malignancies in children with acute lymphoblastic leukemia. *Blood Adv* 5:5420-5428,2021

Yamamoto S, Kato M, Watanabe K, Ishimaru S, Hasegawa D, Noguchi M, Hama A, Sato M, Koike T, Iwasaki F, Yagasaki H, Takahashi Y, Kosaka Y, Hashii Y, Morimoto A, Atsuta Y, Hasegawa D, Yoshida N. Prognostic value of the revised International Prognostic Scoring System five-group cytogenetic abnormality classification for the outcome prediction of hematopoietic stem cell transplantation in pediatric myelodysplastic syndrome. *Bone Marrow Transplant* 56:3016-3023,2021

Yamada M, Sakamoto K, Tomizawa D, Ishikawa Y, Matsui T, Gocho Y, Sakaguchi H, Kato M, Osumi T, Imadome KI. A Prospective Viral Monitoring Study After Pediatric Allogeneic Hematopoietic Stem Cell Transplantation for Malignant and Nonmalignant Diseases. *Transplant Cell Ther* 27:872 e871-872 e878,2021

Utano T, Kato M, Sakamoto K, Osumi T, Matsumoto K, Tomizawa D, Matsumoto K, Yamatani A. Two-point blood sampling is sufficient and necessary to estimate the area under the concentration-time curve for intravenous busulfan in infants and young children. *Pediatr Blood Cancer* 68:e29069,2021

Ueno-Yokohata H, Okita H, Nakasato K, Kiyotani C, Kato M, Matsumoto K, Kiyokawa N, Nakazawa A, Yoshioka T. Establishment of multiplex RT-PCR to detect fusion genes for the diagnosis of Ewing sarcoma. *Diagn. Pathol.* 16:102,2021

Tanaka Y, Yeoh AEJ, Moriyama T, Li CK, Kudo K, Arakawa Y, Buaboonnam J, Zhang H, Liu HC, Ariffin H, Chen Z, Kham SKY, Nishii R, Hasegawa D, Fujimura J, Keino D, Kondoh K, Sato A, Ueda T, Yamamoto M, Taneyama Y, Hino M, Takagi M, Ohara A, Ito E, Koh K, Hori H, Manabe A, Yang JJ, Kato M. An international retrospective study for tolerability of 6-mercaptopurine on NUDT15 bi-allelic variants in children with acute lymphoblastic leukemia. *Haematologica* 106:2026-2029,2021

Tanaka R, Inoue K, Yamada Y, Yoshida M, Shima H, Ito J, Okita H, Miwa T, Kato M, Shimada H. A case of primary CNS embryonal rhabdomyosarcoma with PAX3-NCOA2 fusion and systematic meta-review. *J Neurooncol* 154:247-256,2021

Shitara Y, Kakiuchi S, Mukai T, Kashima K, Kato M, Takahashi N. Case Report: Treatment of Extremely Preterm Infants With Birthweight Below 300 g: Case Series. *Front Pediatr* 9:758683,2021

Shirai R, Osumi T, Sato-Otsubo A, Nakabayashi K, Mori T, Yoshida M, Yoshida K, Kohri M, Ishihara T, Yasue S, Imamura T, Endo M, Miyamoto S, Ohki K, Sanada M, Kiyokawa N, Ogawa S, Yoshioka T, Hata K, Takagi M, Kato M. Genetic features of B-cell lymphoblastic lymphoma with TCF3-PBX1. *Cancer Rep (Hoboken)* e1559,2021

Ono S, Takeshita K, Kiridoshi Y, Kato M, Kamiya T, Hoshino A, Yanagimachi M, Arai K, Takeuchi I, Toita N, Imamura T, Sasahara Y, Sugita J, Hamamoto K, Takeuchi M, Saito S, Onuma M, Tsujimoto H, Yasui M, Taga T, Arakawa Y, Mitani Y, Yamamoto N, Imai K, Suda W, Hattori M, Ohara O, Morio T, Honda K, Kanegane H. Hematopoietic Cell Transplantation Rescues Inflammatory Bowel Disease and Dysbiosis of Gut Microbiota in XIAP Deficiency. *J Allergy Clin Immunol Pract* 9:3767-3780,2021

Nishii R, Mizuno T, Rehling D, Smith C, Clark BL, Zhao X, Brown SA, Smart B, Moriyama T, Yamada Y, Ichinohe T, Onizuka M, Atsuta Y, Yang L, Yang W, Thomas PG, Stenmark P, Kato M, Yang JJ. NUDT15 polymorphism influences the metabolism and therapeutic effects of acyclovir and ganciclovir. *Nature communications* 12:4181,2021

Nakagawa S, Kato M, Imamura T, Imai C, Koh K, Kawano Y, Shimomura Y, Watanabe A, Kikuta A, Saito A, Horibe K, Manabe A, Ohara A, Okamoto Y. In-Hospital Management Might Reduce Induction Deaths in Pediatric Patients With Acute Lymphoblastic Leukemia: Results From a Japanese Cohort. *J Pediatr Hematol Oncol* 43:39-46,2021

Naito Y, Aburatani H, Amano T, Baba E, Furukawa T, Hayashida T, Hiyama E, Ikeda S, Kanai M, Kato M, Kinoshita I, Kiyota N, Kohno T, Kohsaka S, Komine K, Matsumura I, Miura Y, Nakamura Y, Natsume A, Nishio K, Oda K, Oda N, Okita N, Oseto K, Sunami K, Takahashi H, Takeda M, Tashiro S, Toyooka S, Ueno H, Yachida S, Yoshino T, Tsuchihara K, Japanese Society of Medical O, Japan Society of Clinical O, Japanese Cancer A. Clinical practice guidance for next-generation sequencing in cancer diagnosis and treatment (edition 2.1). *International journal of clinical oncology* 26:233-283,2021

Kudo K, Sato T, Takahashi Y, Yuzawa K, Kobayashi A, Kamio T, Sasaki S, Shimada J, Otani K, Tsuchimoto S, Kato M, Toki T, Terui K, Ito E. Association of Multiple Gene Polymorphisms Including Homozygous NUDT15 R139C With Thiopurine Intolerance During the Treatment of Acute Lymphoblastic Leukemia. *J Pediatr Hematol Oncol* 43:e1173-e1176,2021

Kawahara Y, Morimoto A, Inagaki J, Koh K, Noguchi M, Goto H, Yoshida N, Cho Y, Hori T, Hiwatari M, Kato K, Ogawa A, Hashii Y, Inoue M, Kato K, Atsuta Y, Kimura F, Kato M. Unrelated cord blood transplantation with myeloablative conditioning for pediatric acute lymphoblastic leukemia in remission: prognostic factors. *Bone Marrow Transplant* 56:357-367,2021

Brivio E, Chantrain CF, Gruber TA, Thanos A, Rialland F, Contet A, Elitzur S, Dalla-Pozza L, Kallay KM, Li CK, Kato M, Markova I, Schmiegelow K, Bodmer N, Breese EH, Hoogendijk R, Pieters R, Zwaan CM. Inotuzumab ozogamicin in infants and young children with relapsed or refractory acute lymphoblastic leukaemia: a case series. *Br J Haematol* 193:1172-1177,2021

加藤元博：小児・AYA がんの遺伝性素因と二次がん。臨床血液 62：1275-1280, 2021

中野嘉子 市村幸一 小児悪性腫瘍の遺伝子解析 Annual Review 神経 2021 中外医学社 210-218, 2021 年 5 月

Shota Kato, Yasuo Kubota, Masahiro Sekiguchi, Kentaro Watanabe, Aya Shinozaki-Ushiku, Junko Takita, Mitsuteru Hiwatari: KMT2A-rearranged diffuse large B-cell lymphoma in a child: a case report and molecular characterization. *Pediatric Hematology and Oncology* 38(3);281–289, 2021

Kimura S, Sekiguchi M, Watanabe K, Hiwatarai M, Seki M, Yoshida K, Isobe T, Shiozawa Y, Suzuki H, Hoshino N, Hayashi Y, Oka A, Miyano S, Ogawa S, Takita J: Association of high-risk neuroblastoma classification based on expression profiles with differentiation and metabolism. *PLoS One*. 16(1):e0245526, 2021.

2020

Sekiguchi M, Seki M, Kawai T, Yoshida K, Yoshida M, Isobe T, Hoshino N, Shirai R, Tanaka M, Souzaki R, Watanabe K, Arakawa Y, Nannya Y, Suzuki H, Fujii Y, Kataoka K, Shiraishi Y, Chiba K, Tanaka H, Shimamura T, Sato Y, Sato-Otsubo A, Kimura S, Kubota Y, Hiwatari M, Koh K, Hayashi Y, Kanamori Y, Kasahara M, Kohashi K, Kato M, Yoshioka T, Matsumoto K, Oka A, Taguchi T, Sanada M, Tanaka Y, Miyano S, Hata K, Ogawa S, Takita J. Integrated multiomics analysis of hepatoblastoma unravels its heterogeneity and provides novel druggable targets. *NPJ Precis Oncol*. 2020 Jul 7;4:20.

Irikura T, Mitani Y, Seki M, Takita J, Hiwatari M. Cold agglutinin disease in an infant: remission after intravenous immunoglobulin. *Pediatr Int*. 2020 Oct;62(10):1214-1216.

Amano K, Takasugi N, Kubota Y, Mitani Y, Sekiguchi M, Watanabe K, Fujimura J, Oka A, Takita J, Hiwatari M. CBFA2T3-GLIS2-positive acute megakaryoblastic leukemia in a patient with Down syndrome. *Pediatr Blood Cancer*. 2020 Feb;67(2):e28055.

Kubota Y, Seki M, Kawai T, Isobe T, Yoshida M, Sekiguchi M, Kimura S, Watanabe K, Sato-Otsubo A, Yoshida K, Suzuki H, Kataoka K, Fujii Y, Shiraishi Y, Chiba K, Tanaka H, Hiwatari M, Oka A, Hayashi Y, Miyano S, Ogawa S, Hata K, Tanaka Y, Takita J. Comprehensive genetic analysis of pediatric germ cell tumors identifies potential drug targets. *Commun Biol*. 2020 Sep 30;3(1):544. doi: 10.1038/s42003-020-01267-8.

Kato S, Kubota Y, Sekiguchi M, Watanabe K, Shinozaki-Ushiku A, Takita J, Hiwatari M. KMT2A-rearranged diffuse large B-cell lymphoma in a child: a case report and molecular characterization. *Pediatr Hematol Oncol*. 2020 Nov 5:1-9.

Yamada D, Hiwatari M, Hangoma P, Narita D, Mphuka C, Chitah B, Yabe J, Nakayama SMM, Nakata H, Choongo K, Ishizuka M. Assessing the population-wide exposure to lead pollution in Kabwe, Zambia: an econometric estimation based on survey data. *Sci Rep*. 2020 Sep 15;10(1):15092.

Kato S, Kubota Y, Watanabe K, Hogetsu K, Arakawa Y, Koh K, Takita J, Hiwatari M. Tandem high-dose chemotherapy with autologous stem cell rescue for stage M high-risk neuroblastoma: Experience using melphalan/etoposide/carboplatin and busulfan/melphalan regimens. *Pediatr Transplant*. 2020 Nov;24(7):e13772.

Watanabe A, Miyake K, Nordlund J, Syvänen AC, van der Weyden L, Honda H, Yamasaki N, Nagamachi A, Inaba T, Ikawa T, Urayama KY, Kiyokawa N, Ohara A, Kimura S, Kubota Y, Takita J, Goto H, Sakaguchi K, Minegishi M, Iwamoto S, Shinohara T, Kagami K, Abe M, Akahane K, Goi K, Sugita K, Inukai T. Association of aberrant ASNS imprinting with asparaginase sensitivity and chromosomal abnormality in childhood BCP-ALL. *Blood*. 2020 Nov 12;136(20):2319-2333.

Kimura S, Seki M, Kawai T, Goto H, Yoshida K, Isobe T, Sekiguchi M, Watanabe K, Kubota Y, Nannya Y, Ueno H, Shiozawa Y, Suzuki H, Shiraishi Y, Ohki K, Kato M, Koh K, Kobayashi R, Deguchi T, Hashii Y, Imamura T, Sato A, Kiyokawa N, Manabe A, Sanada M, Mansour MR, Ohara A, Horibe K, Kobayashi M, Oka A, Hayashi Y, Miyano S, Hata K, Ogawa S, Takita J. DNA methylation-based classification reveals difference between pediatric T-cell acute lymphoblastic leukemia and normal thymocytes. *Leukemia*. 2020 Apr;34(4):1163-1168.

Nakano K, Kubota Y, Mori T, Chiga M, Mori T, Sonoda S, Ueda D, Asakura I, Ikegaya T, Kagawa J, Uchida S, Kubota A. Familial cases of pseudohypoaldosteronism type II harboring a novel mutation in the Cullin 3 gene. *Nephrology (Carlton)*. 2020 Nov;25(11):818-821.

Morigaki R, Lee JH, Yoshida T, Wüthrich C, Hu D, Crittenden JR, Friedman A, Kubota Y, Graybiel AM. Spatiotemporal Up-Regulation of Mu Opioid Receptor 1 in Striatum of Mouse Model of Huntington's Disease Differentially Affecting Caudal and Striosomal Regions. *Front Neuroanat*. 2020 Dec 10;14:608060.

Kubota Y, Sekiguchi M, Watanabe K, Oka A, Miyano S, Ogawa S, Takita J, Hiwatari M: KMT2A - Rearranged DLBCL Refractory to Intensive Chemotherapy. The 52nd Annual Congress of International Paediatric Oncology Society, Ottawa, Oct 14-17, 2020.

Azuma N, Katada Y, Yoshikawa T, Yokoyama Y, Nishioka A, Sekiguchi M, Kitano M, Kitano S, Sano H, Matsui K. Evaluation of changes in oral health-related quality of life over time in patients with Sjögren's syndrome. Mod Rheumatol. 2020 Jul 30:1-9.

Shirai R, Osumi T, Terashima K, Kiyotani C, Uchiyama M, Tsujimoto S, Yoshida M, Yoshida K, Uchiyama T, Tomizawa D, Shioda Y, Sekiguchi M, Watanabe K, Keino D, Ueno-Yokohata H, Ohki K, Takita J, Ito S, Deguchi T, Kiyokawa N, Ogiwara H, Hishiki T, Ogawa S, Okita H, Matsumoto K, Yoshioka T, Kato M. High prevalence of SMARCB1 constitutional abnormalities including mosaicism in malignant rhabdoid tumors. Eur J Hum Genet. 2020 Aug;28(8):1124-1128.

【研修医と指導医に贈る 小児科学研究・論文のススメ】活躍する小児科 physician-scientists の研究 大学院生編 あなたは大学院に入るべきか?
渡邊 健太郎 小児科診療 83(7) 919-925 2020 年 7 月

【小児血液・腫瘍疾患の最前線】研究の最前線 神経芽腫の分子病態
渡邊 健太郎 小児科診療 83(4) 517-521 2020 年 4 月

2019

Bruun T, Yazer M, Spinella P, Titlestad K, Lozano M, Delaney M, Lejdarová H, Pavlova D, Trakhtman P, Starostin N, Zhiburt E, Kraaij M, Huisman E, Kutner J, Sakashita A, Yokoyama, A, Zubicaray J, Sevilla J, Okazaki H, Hiwatari M et al. Vox Sanguinis International Forum on Paediatric Indications for Blood Component Transfusion: Summary, Vox Sang , 114 (5), 523-530 Jul 2019

Takenaka S, Kuroda Y, Ohta S, Mizuno Y, Hiwatari M, Miyatake S, Matsumoto N, Oka A: A Japanese Patient with RAD51-associated Fanconi Anemia. Am J Med Genet A, 179 (6), 900-902 Jun 2019

Mie Topholm Bruun, Mark H Yazer, Philip C Spinella, Kjell Titlestad, Miquel Lozano, Meghan

Delaney, Hana Lejdarová, Dana Pavlova, Pavel Trakhtman, Nikolay Starostin , Eugene Zhiburt, Marian G J van Kraaij, Elise Huisman, Jose M Kutner, Araci M Sakashita, Ana P H Yokoyama, Josune Zubicaray, Julián Sevilla, Hitoshi Okazaki, Mitsuteru Hiwatari et al. Vox Sanguinis International Forum on Paediatric Indications for Blood Component Transfusion. Vox Sang, 114 (5), e36-e90 Jul 2019

Miyamura T , Kudo K, Tabuchi K, Ishida H , Tomizawa D, Adachi S, Goto H , Yoshida N, Inoue M, Katsuyoshi Koh , Sasahara Y, Fujita N, Kakuda H, Noguchi M, Hiwatari M et al. Hematopoietic Stem Cell Transplantation for Pediatric Acute Myeloid Leukemia Patients With KMT2A Rearrangement; A Nationwide Retrospective Analysis in Japan. Leuk Res, 87, 106263 Dec 2019

久保田泰央, 荒川ゆうき, 渡邊健太郎, 池田勇八, 小山千草, 青木孝浩, 磯部清孝, 森麻希子, 花田良二, 康勝好. 急性胸部症候群を発症し救命し得た鎌状赤血球症. 臨床血液. 60: 382-386, 2019.

Kubota Y, Arakawa Y, Sekiguchi M, Watanabe K, Hiwatari M, Kishimoto H, Nakazawa A, Yoshida A, Ogawa S, Hanada R, Oka A, Takita J, Koh K. A case of malignant rhabdoid tumor mimicking yolk sac tumor. *Pediatr Blood Cancer*. 66:e27784, 2019.

Kubota Y, Uryu K, Ito T, Seki M, Kawai T, Isobe T, Kumagai T, Toki T, Yoshida K, Suzuki H, Kataoka K, Shiraishi Y, Chiba K, Tanaka H, Ohki K, Kiyokawa N, Kagawa J, Miyano S, Oka A, Hayashi Y, Ogawa S, Terui K, Sato A, Hata K, Ito E, Takita J. Integrated genetic and epigenetic analysis revealed heterogeneity of acute lymphoblastic leukemia in Down syndrome. *Cancer Sci*. 110: 3358-3367, 2019.

Kimura S, Hasegawa D, Yoshimoto Y, Seki M, Daida A, Sekiguchi M, Hirabayashi S, Hosoya Y, Kobayashi M, Miyano S, Ogawa S, Takita J, Manabe A: Duplication of ALK F1245 missense mutation due to acquired uniparental disomy associated with aggressive progression in a patient with relapsed neuroblastoma. *Oncol Lett*. 2019 Mar;17(3):3323-3329

小澤由衣, 三牧正和, 佐々木亜希子, 関口昌央, 滝田順子, 青天目信, 小田洋一郎 : 発作性異常眼球運動を契機に診断に至ったグルコーストランスポーター1欠損症. 小児科臨床 72 巻 5 号, 601-604, 2019

Watanabe K, Arakawa Y, Kambe T, Oguma E, Kishimoto H, Koh K. Unrelated allogeneic

hematopoietic stem cell transplantation in a patient with Revesz syndrome, a severe variant of dyskeratosis congenita. *Pediatr Blood Cancer*. 2019 Jan;66(1):e27476.

Watanabe K, Arakawa Y, Yanagi M, Isobe K, Mori M, Koh K. Management of severe congenital protein C deficiency with a direct oral anticoagulant, edoxaban: A case report. *Pediatr Blood Cancer*. 2019 Jun;66(6):e27686.

Mitani Y, Hiwatari M, Seki M, Hangai M, Takita J : Successful treatment of acute myeloid leukemia co expressing NUP98/NSD1 and FLT3/ITD with preemptive donor lymphocyte infusions. *Int J Hematol*.2019;110:512-6.

三谷友一, 関正史, 鬼澤真実, 日高もえ, 藤村純也, 樋渡光輝, 滝田順子 : IST 不応の小児最重症再生不良性貧血に対する臍帯血移植例. *日小児血がん会誌* 56: 338-342, 2019.

渡邊健太郎, 滝田順子. 高リスク神経芽腫に対するがん代謝を標的とした新規治療創出, *日本小児血液・がん学会雑誌*, 2019, 56 巻, 5 号, p.370-375.

2018

Isobe T, Seki M, Yoshida K, Sekiguchi M, Shiozawa Y, Shiraishi Y, Kimura S, Yoshida M, Inoue Y, Yokoyama A, Kakiuchi N, Suzuki H, Kataoka K, Sato Y, Kawai T, Chiba K, Tanaka H, Shimamura T, Kato M, Iguchi A, Hama A, Taguchi T, Akiyama M, Fujimura J, Inoue A, Ito T, Deguchi T, Kiyotani C, Iehara T, Hosoi H, Oka A, Sanada M, Tanaka Y, Hata K, Miyano S, Ogawa S, Takita J: Integrated molecular characterization of the lethal pediatric cancer pancreatoblastoma. *Cancer Res*. 78:865-876, 2018

Urayama KY, Takagi M, Kawaguchi T, Matsuo K, Tanaka Y, Ayukawa Y, Arakawa Y, Hasegawa D, Yuza Y, Kaneko T, Noguchi Y, Taneyama Y, Ota S, Inukai T, Yanagimachi M, Keino D, Koike K, Toyama D, Nakazawa Y, Kurosawa H, Nakamura K, Moriwaki K, Goto H, Sekinaka Y, Morita D, Kato M, Takita J, Tanaka T, Inazawa J, Koh K, Ishida Y, Ohara A, Mizutani S, Matsuda F, Manabe A: Regional evaluation of childhood acute lymphoblastic leukemia genetic susceptibility loci among Japanese. *Sci Rep*. 8:789, 2018

Tomoyasu C, Imamura T, Tomii T, Yano M, Asai D, Goto H, Shimada A, Sanada M, Iwamoto S, Takita J, Minegishi M, Inukai T, Sugita K, Hosoi H: Copy number abnormality of acute lymphoblastic leukemia cell lines based on their genetic subtypes. *Int J Hematol*. 108:312-318, 2018

Osumi T, Tsujimoto SI, Tamura M, Uchiyama M, Nakabayashi K, Okamura K, Yoshida M, Tomizawa D, Watanabe A, Takahashi H, Hori T, Yamamoto S, Hamamoto K, Migita M, Ogata-Kawata H, Uchiyama T, Kizawa H, Ueno-Yokohata H, Shirai R, Seki M, Ohki K, Takita J, Inukai T, Ogawa S, Kitamura T, Matsumoto K, Hata K, Kiyokawa N, Goyama S, Kato M: Recurrent RARβ Translocations in Acute Promyelocytic Leukemia Lacking RARA Translocation. *Cancer Res.* 78:4452-4458, 2018

Tsujimoto S, Osumi T, Uchiyama M, Shirai R, Moriyama T, Nishii R, Yamada Y, Kudo K, Sekiguchi M, Arakawa Y, Yoshida M, Uchiyama T, Terui K, Ito S, Koh K, Takita J, Ito E, Tomizawa D, Manabe A, Kiyokawa N, Yang JJ, Kato M: Diplotype analysis of NUDT15 variants and 6-mercaptopurine sensitivity in pediatric lymphoid neoplasms. *Leukemia* 32:2710-2714, 2018

Li JF, Dai YT, Lilljebjörn H, Shen SH, Cui BW, Bai L, Liu YF, Qian MX, Kubota Y, Kiyoi H, Matsumura I, Miyazaki Y, Olsson L, Tan AM, Ariffin H, Chen J, Takita J, Yasuda T, Mano H, Johansson B, Yang JJ, Yeoh AE, Hayakawa F, Chen Z, Pui CH, Fioretos T, Chen SJ, Huang JY: Transcriptional landscape of B cell precursor acute lymphoblastic leukemia based on an international study of 1,223 cases. *Proc Natl Acad Sci U S A.* 115:E11711-E11720, 2018

滝田順子：【小児の治療指針】 血液・腫瘍 悪性リンパ腫. *小児科診療* 81（増刊号）：491-493, 2018

関正史, 滝田順子：予後不良の小児 T 細胞性急性リンパ性白血病における新規 SPI1 融合遺伝子の同定. *臨床血液* 59 巻 4 号：439-447, 2018

Shibasaki Y, Takita J, Ogata H, Masuda N, Haga N, Nakajima M, Yamaguchi S, Kato H, Kuwano H: Usefulness of single port laparoscopic appendectomy with plus one needle forceps. *薬理と臨床* 28 巻 2 号：106-107, 2018

関正史, 木村俊介, 滝田順子：小児ハイリスク T-ALL における SPI1 融合遺伝子の同定とその意義. *血液内科* 76 巻 6 号：788-793, 2018

滝田順子：【がんゲノム解析の進歩と応用】 小児 T 細胞性急性リンパ性白血病における新規融合遺伝子. *BIO Clinica* . 33 巻 6 号：526-531, 2018

滝田順子：小児血液疾患のゲノム医療への新展開 小児 T 細胞性急性リンパ性白血病の遺伝学的基盤とその臨床的意義. 臨床血液 59 巻 7 号：953-959, 2018

富井敏宏, 柳生茂希, 宮地充, 家原知子, 磯部知弥, 門井絵美, 竹本正和, 竹内雄毅, 文野誠久, 小西英一, 滝田順子, 篠田邦大, 田尻達郎, 細井創: 膝芽腫の一例. 日本小児血液・がん学会雑誌 55 巻 1 号 : 42-43, 2018

梅本沙代子, 吉田美沙, 田中水緒, 北河徳彦, 後藤裕明, 滝田順子, 田中祐吉: 肝芽腫における統合的遺伝子解析結果に基づく、免疫染色・組織学的レビューによる臨床応用可能なマーカーの探索と、肺転移切除における ICG 検査の感度と特異度に関する臨床病理組織学的検討. こども医療センター医学誌 47 巻 3 号:142-143, 2018

2017

Uryu K, Nishimura R, Kataoka K, Sato Y, Nakazawa A, Suzuki H, Yoshida K, Seki M, Hiwatari M, Isobe T, Shiraishi Y, Chiba K, Tanaka H, Miyano S, Koh K, Hanada R, Oka A, Hayashi Y, Ohira M, Kamijo T, Nagase H, Takimoto T, Tajiri T, Nakagawara A, Ogawa S, Takita J: Identification of the genetic and clinical characteristics of neuroblastomas using genome-wide analysis. *Oncotarget*. 8:107513-107529, 2017

Takagi M, Yoshida M, Nemoto Y, Tamaichi H, Tsuchida R, Seki M, Uryu K, Nishii R, Miyamoto S, Saito M, Hanada R, Kaneko H, Miyano S, Kataoka K, Yoshida K, Ohira M, Hayashi Y, Nakagawara A, Ogawa S, Mizutani S, Takita J: Loss of DNA Damage Response in Neuroblastoma and Utility of a PARP Inhibitor. *J Natl Cancer Inst*. 109: (11). doi: 10.1093/jnci/djx062., 2017

Takita J: The role of anaplastic lymphoma kinase in pediatric cancers. *Cancer Sci*. 108:1913-1920, 2017

Hiwatari M, Seki M, Akahoshi S, Yoshida K, Miyano S, Shiraishi Y, Tanaka H, Chiba K, Ogawa S, Takita J: Molecular studies reveal MLL-MLLT10/AF10 and ARID5B-MLL gene fusions displaced in a case of infantile acute lymphoblastic leukemia with complex karyotype. *Oncol Lett*. 14:2295-2299, 2017

Watanabe K, Kato M, Ishimaru T, Hiwatari M, Suzuki T, Minosaki Y, Takita J, Fujishiro J, Oka A: Perioperative management of severe congenital protein C deficiency. *Blood Coagul Fibrinolysis*. 28:646-649, 2017

Seki M, Kimura S, Isobe T, Yoshida K, Ueno H, Nakajima-Takagi Y, Wang C, Lin L, Kon A, Suzuki H, Shiozawa Y, Kataoka K, Fujii Y, Shiraishi Y, Chiba K, Tanaka H, Shimamura T, Masuda K, Kawamoto H, Ohki K, Kato M, Arakawa Y, Koh K, Hanada R, Moritake H, Akiyama M, Kobayashi R, Deguchi T, Hashii Y, Imamura T, Sato A, Kiyokawa N, Oka A, Hayashi Y, Takagi M, Manabe A, Ohara A, Horibe K, Sanada M, Iwama A, Mano H, Miyano S, Ogawa S, Takita J:

Recurrent SPI1 (PU.1) fusions in high-risk pediatric T cell acute lymphoblastic leukemia. *Nat Genet.* 49:1274-1281, 2017

Monoi A, Sugawa M, Kato M, Seki M, Yoshida K, Shiraishi Y, Sakaguchi H, Ogawa S, Takita J : Atypical dyskeratosis congenita diagnosed using whole-exome sequencing. *Pediatrics International.* 59:933-935, 2017

Hirabayashi S, Seki M, Hasegawa D, Kato M, Hyakuna N, Shuo T, Kimura S, Yoshida K, Kataoka K, Fujii Y, Shiraishi Y, Chiba K, Tanaka H, Kiyokawa N, Miyano S, Ogawa S, Takita J, Manabe A : Constitutional abnormalities of IDH1 combined with secondary mutations predispose a patient with Maffucci syndrome to acute lymphoblastic leukemia. *Pediatr Blood Cancer.* 64(12). doi: 10.1002/psc.26647., 2017

Osumi T, Kato M, Ouchi-Uchiyama M, Tomizawa D, Kataoka K, Fujii Y, Seki M, Takita J, Ogawa S, Uchiyama T, Ohki K, Kiyokawa N: Blastic transformation of juvenile myelomonocytic leukemia caused by the copy number gain of oncogenic KRAS. *Pediatr Blood Cancer.* 64(9). doi: 10.1002/psc.26496., 2017

Ohta S, Isojima T, Mizuno Y, Kato M, Mimaki M, Seki M, Sato Y, Ogawa S, Takita J, Kitanaka S, Oka A: Partial monosomy of 10p and duplication of another chromosome in two patients. *Pediatr Int.* 59:99-102, 2017

Hirabayashi S, Ohki K, Nakabayashi K, Ichikawa H, Momozawa Y, Okamura K, Yaguchi A, Terada K, Saito Y, Yoshimi A, Ogata-Kawata H, Sakamoto H, Kato M, Fujimura J, Hino M, Kinoshita A, Kakuda H, Kurosawa H, Kato K, Kajiwara R, Moriwaki K, Morimoto T, Nakamura K, Noguchi Y, Osumi T, Sakashita K, Takita J, Yuza Y, Matsuda K, Yoshida T, Matsumoto K, Hata K, Kubo M, Matsubara Y, Fukushima T, Koh K, Manabe A, Ohara A, Kiyokawa N. Tokyo Children's Cancer Study Group (TCCSG) : ZNF384-related fusion genes consist of a subgroup with a characteristic immunophenotype in childhood B-cell precursor acute lymphoblastic leukemia. *Haematologica.* 102:118-129, 2017

Yoshida M, Hamanoue S, Seki M, Tanaka M, Yoshida K, Goto H, Ogawa S, Takita J, Tanaka Y. Metachronous anaplastic sarcoma of the kidney and thyroid follicular carcinoma as manifestations of DICER1 abnormalities. *Hum Pathol.* 61:205-209, 2017

Kato M, Ishimaru S, Seki M, Yoshida K, Shiraishi Y, Chiba K, Kakiuchi N, Sato Y, Ueno H, Tanaka H, Inukai T, Tomizawa D, Hasegawa D, Osumi T, Arakawa Y, Aoki T, Okuya M, Kaizu K, Kato K, Taneyama Y, Goto H, Taki T, Takagi M, Sanada M, Koh K, Takita J, Miyano S, Ogawa S, Ohara A, Tsuchida M, Manabe A. Long-term outcome of six-month maintenance chemotherapy for acute lymphoblastic leukemia in children. *Leukemia.* 31:580-584, 2017

渡邊健太郎, 加藤元博, 張田豊, 関口昌央, 塩澤亮輔, 樋渡光輝, 滝田順子, 岡 明: カテゴリー関連血流感染症の削減に向けた取り組みとその効果. *日本小児科学会雑誌* 121:

571-576, 2017

樋渡 光輝：神経芽腫に対する新規分子標的療法の探索. 日本小児血液・がん学会雑誌
54： 1-7, 2017