

神経芽腫委員会

Kawano T, Souzaki R, Sumida W, Shimojima N, Hishiki T, Kinoshita Y, Uchida H, Tajiri T, Yoneda A, Oue T, Kuroda T, Hirobe S, Koshinaga T, Hiyama E, Nio M, Inomata Y, Taguchi T, Ieiri S. Current thoracoscopic approach for mediastinal neuroblastoma in Japan-results from nationwide multicenter survey. *Pediatr Surg Int.* 37:1651. 2021. PMID:34448929

(主) Ohira M, Nakamura Y, Takimoto T, Nakazawa A, Hishiki T, Matsumoto K, Shichino H, Iehara T, Nagase H, Fukushima T, Yoneda A, Tajiri T, Nakagawara A, Kamijo T. Retrospective Analysis of INRG Clinical and Genomic Factors for 605 Neuroblastomas in Japan: A Report from the Japan Children's Cancer Group Neuroblastoma Committee (JCCG-JNBSG). *Biomolecules.* 12:18. 2021. PMID:35053166

腎腫瘍委員会

Haruta M, Arai Y, Okita H, Tanaka Y, Takimoto T, Kamijo T, Oue T, Souzaki R, Taguchi T, Kuwahara Y, Chin M, Nakadate H, Hiyama E, Ishida Y, Koshinaga T, Kaneko Y. Frequent breakpoints of focal deletion and uniparental disomy in 22q11.1 or 11.2 segmental duplication region reveal distinct tumorigenesis in rhabdoid tumor of the kidney. *Genes Chromosomes Cancer.* 60:546. 2021. PMID:33896058

(主) Nakata K, Williams R, Kinoshita Y, Koshinaga T, Moroz V, Reem A, Vujanic G, Oue T, Protchard-Jones K. Comparative analysis of the clinical characteristics and outcomes of patients with Wilms tumor in the United Kingdom and Japan. *Pediatr Blood Cancer.* 68:e29143, 2021. PMID:34056846

肝腫瘍委員会

Hiyama E, Hishiki T, Watanabe K, Ida K, Yano M, Kurihara S, Kojima M, Saeki I, Inoue T, Tanaka Y. The prognostic evaluation of marginal positive resection in hepatoblastoma: Japanese experience. *Hepatoma Res.* 7:44. 2021. <http://dx.doi.org/10.20517/2394-5079.2021.21>

Nagae G, Yamamoto S, Fujita M, Fujita T, Nonaka A, Umeda T, Fukuda S, Tatsuno K, Maejima K, Hayashi A, Kurihara S, Kojima M, Hishiki T, Watanabe K, Ida K, Yano M, Hiyama Y, Tanaka Y, Inoue T, Ueda H, Nakagawa H, Aburatani H, Hiyama E. Genetic and epigenetic basis of hepatoblastoma diversity. *Nat*

Commun. 12:5423. 2021. PMID:34538872

ユーイング委員会

Umeda K, Miyamura T, Yamada K, Sano H, Hosono A, Sumi M, Okita H, Kumamoto T, Kawai A, Hirayama J, Jyoko R, Sawada A, Nakayama H, Hosoya Y, Maeda N, Yamamoto N, Imai C, Hasegawa D, Chin M, Ozaki T, Japan Ewing Sarcoma Study Group. Clinical outcome of patients with recurrent or refractory localized Ewing's sarcoma family of tumors: A retrospective report from the Japan Ewing Sarcoma Study Group. *Cancer Rep (Hoboken)*. 4:e1329. 2021. PMID:33452866

リンパ腫委員会

Iwafuchi H, Nakazawa A, Sekimizu M, Mori T, Osumi T, Iijima-Yamashita Y, Ohki K, Kiyokawa N, Fukano R, Saito AM, Horibe K, Kobayashi R; Lymphoma Committee and Pathology Committee of the Japanese Pediatric Leukemia/Lymphoma Study Group. Clinicopathological features and prognostic significance of programmed death ligand 1 in pediatric ALK-positive anaplastic large cell lymphoma: results of the ALCL99 treatment in Japan. *Hum Pathol*. 116:112. 2021. PMID:34363798

Ohki K, Kiyokawa N, Watanabe S, Iwafuchi H, Nakazawa A, Ishiwata K, Ogata-Kawata H, Nakabayashi K, Okamura K, Tanaka F, Fukano R, Hata K, Mori T, Moriya Saito A, Hayashi Y, Taga T, Sekimizu M, Kobayashi R; Japan Children's Cancer Study Group (JCCG). Characteristics of genetic alterations of peripheral T-cell lymphoma in childhood including identification of novel fusion genes: the Japan Children's Cancer Group (JCCG). *Br J Haematol*. 194:718. 2021. PMID:34258755

AML 委員会

(主) Moritake H, Tanaka S, Miyamura T, Nakayama H, Shiba N, Shimada A, Terui K, Yuza Y, Koh K, Goto H, Kakuda H, Saito A, Hasegawa D, Iwamoto S, Taga T, Adachi S, Tomizawa D. The outcomes of relapsed acute myeloid leukemia in children: Results from the Japanese Pediatric Leukemia/Lymphoma Study Group AML-05R study. *Pediatr Blood Cancer*. 68:e28736. 2021. PMID:32991072

Matsuo H, Wakita T, Hiramatsu H, Ohmori K, Kodama K, Nakatani K, Kamikubo Y, Iwamoto S, Kondo T, Takaori-Kondo A, Takita J, Tomizawa D, Taga T, Adachi S. Blast cells in acute megakaryoblastic leukaemia with Down syndrome are characterized by low CLEC12A expression. *Br J Haematol*. 192:e7. 2021. PMID:33095915

Cicconi L, Testi A, Montesinos P, Rego E, Zhu HH, Takahashi H, Dworzak M, Estey E, Schwarzer A, Esteve J, Annibali O, Castelli R, Mirabile M, Angelini M, Lazarevic V, Kumar J, Avvisati G, Gurnari C, Locatelli F, Voso MT, Sanz M, Lo-Coco F, Abla O. Characteristics and outcome of acute myeloid leukemia with uncommon retinoic acid receptor-alpha (RARA) fusion variants. *Blood Cancer J* 2021. <https://doi.org/10.1038/s41408-021-00561-w>

Aoki T, Takahashi H, Tanaka S, Shiba N, Hasegawa D, Iwamoto S, Terui K, Moritake H, Nakayama H, Shimada A, Koh K, Goto H, Kosaka Y, Saito AM, Horibe K, Kinoshita A, Tawa A, Taga T, Adachi S, Tomizawa D. Predisposition to prolonged neutropenia after chemotherapy for paediatric acute myeloid leukaemia is associated with better prognosis in the Japanese Paediatric Leukaemia/Lymphoma Study Group AML-05 study. *Br J Haematol.* 193:176. 2021. PMID:32337716

Sasaki K, Tsujimoto S, Miyake M, Uchiyama Y, Ikeda J, Yoshitomi M, Shimosato Y, Tokumasu M, Matsuo H, Yoshida K, Ohki K, Kaburagi T, Yamato G, Hara Y, Takeuchi M, Kinoshita A, Tomizawa D, Taga T, Adachi S, Tawa A, Horibe K, Hayashi Y, Matsumoto N, Ito S, Shiba N. Droplet digital polymerase chain reaction assay for the detection of the minor clone of KIT D816V in paediatric acute myeloid leukaemia especially showing RUNX1-RUNX1T1 transcripts. *Br J Haematol.* 194:414. 2021. PMID:34120331

(主) Taga T, Tanaka S, Hasegawa D, Terui K, Toki T, Iwamoto S, Hiramatsu H, Miyamura T, Hashii Y, Moritake H, Nakayama H, Takahashi H, Shimada A, Taki T, Ito E, Hama A, Ito M, Koh K, Hasegawa D, Saito AM, Adachi S, Tomizawa D. Post-induction MRD by FCM and GATA1-PCR are significant prognostic factors for myeloid leukemia of Down syndrome. *Leukemia.* 35:2508. 2021. PMID:33589754

HLH/LCH 委員会

Taniguchi M, Sakamoto K, Shioda Y, Doi T, Kudo K, Fujino H, Kudo K, Morimoto A. Salvage therapy with 2-chlorodeoxyadenosine for refractory and relapsed pediatric Langerhans cell histiocytosis: an updated nationwide survey in Japan. *Int J Hematol.* 113:461. 2021. PMID:33564966

Sakamoto K, Morimoto A, Shioda Y, Imamura T, Imashuku S, Japan LCH Study Group (JLSG). Long-term complications in uniformly treated paediatric Langerhans histiocytosis patients disclosed by 12 years of follow-up of the JLSG-96/02 studies. *Br J Haematol.* 192:615. 2021. PMID:33236384

坂本謙一, 塩田曜子, 森本哲, 今宿晋作. Langerhans 細胞組織球症関連中枢神経変性症. *日本小児科学会雑誌.* 125:1524. 2021

森本 哲. 組織球症の分子生物学. 小児造血器腫瘍. 小児白血病・リンパ腫. 1:244. 2021

工藤寿子. 【組織球症】ランゲルハンス細胞組織球症の診断・治療. 小児白血病・リンパ腫. 1:252. 2021

坂本謙一. 【組織球症】若年性黄色肉芽腫の診断・治療. 小児白血病・リンパ腫. 1:260. 2021

塩田曜子. 【組織球症】Erdheim-Chester 病の診断・治療. 小児白血病・リンパ腫. 1:265. 2021

ALL 委員会

Brivio E, Chantrain CF, Gruber TA, Thano A, Rialland F, Contet A, Elitzur S, Dalla-Pozza L, Kállay 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. 2021. PMID:33529389

Hirabayashi S, Butler ER, Ohki K, Kiyokawa N, Bergmann AK, Möricke A, Boer JM, Cavé H, Cazzaniga G, Yeoh AEJ, Sanada M, Imamura T, Inaba H, Mullighan C, Loh ML, Norén-Nyström U, Pastorczak A, Shih LY, Zaliova M, Pui CH, Haas OA, Harrison CJ, Moorman AV, Manabe A. Clinical characteristics and outcomes of B-ALL with ZNF384 rearrangements: A retrospective analysis by the Ponte di Legno Childhood ALL Working Group. *Leukemia.* 35:3272. 2021. PMID:33692463

de Groot AP, Saito Y, Kawakami E, Hashimoto M, Aoki Y, Ono R, Ogahara I, Fujiki S, Kaneko A, Sato K, Kajita H, Watanabe T, Takagi M, Tomizawa D, Koh K, Eguchi M, Ishii E, Ohara O, Shultz LD, Mizutani S, Ishikawa F. Targeting critical kinases and anti-apoptotic molecules overcomes steroid resistance in MLL-rearranged leukaemia. *EBioMedicine.* 64:103235. 2021. PMID:33581643

Takachi T, Watanabe T, Miyamura T, Moriya Saito A, Deguchi T, Hori T, Yamada T, Ohmori S, Haba M, Aoki Y, Ishimaru S, Sasaki S, Ohshima J, Iguchi A, Takahashi Y, Hyakuna N, Manabe A, Horibe K, Ishii E, Koh K, Tomizawa D. Hematopoietic stem cell transplantation for infants with high-risk KMT2A gene-rearranged acute lymphoblastic leukemia. *Blood Adv.* 5:3891. 2021. PMID:34500465

TAM 委員会

(主) Yamato G, Deguchi T, Terui K, Toki T, Watanabe T, Imaizumi T, Hama A, Iwamoto S, Hasegawa D, Ueda T, Yokosuka T, Tanaka S, Yanagisawa R, Koh K, Saito AM, Horibe K, Hayashi Y, Adachi S, Mizutani S, Taga T, Ito E, Watanabe K, Muramatsu H. Predictive factors for the development of leukemia

in patients with transient abnormal myelopoiesis and Down syndrome. *Leukemia*. 35:1480. 2021.
PMID:33654203

支持療法委員会

鈴木孝二, 福島啓太郎, 山本暢之, 篠田邦大, 矢野道広, 石田裕二, 大曾根眞也,
嘉数真理子, 加藤陽子, 斎藤雄弥, 佐野弘純, 澤田明久, 新小田雄一, 森 尚子, 福澤正洋. 本邦におけ
る小児がん患者の食事栄養管理に関する現状—JCCG 施設調査より—. *日本小児血液・がん学会雑誌*.
58:175. 2021.