

## Publication List – 2021

**Abdelhafeez AH, Mansfield S, Talbot L, Murphy AJ, Davidoff AM.** Improving exposure using thoracoscopy for apical thoracic neuroblastoma encasing the subclavian vessels.

*J Laparoendosc Adv Surg Tech A* 31:589-593, 2021.

**Abrahão R, Ribeiro RC, Malogolowkin MH, Wun T, Keegan THM.** Early mortality and survival improvements for adolescents and young adults with acute promyelocytic leukemia in California: An updated analysis.

*Haematologica*, 2021.

**Abu-Arja MH, Rojas Del Río N, Morales La Madrid A, Lassaletta A, Coven SL, Moreno R, Valero M, Perez V, Espinoza F, Fernandez E, Santander J, Tordecilla J, Oyarce V, Kopp K, Bartels U, Qaddoumi I, Finlay JL, Cáceres A, Reyes M, Espinoza X, Osorio DS.** Evaluation of the pediatric neuro-oncology resources available in Chile.

*JCO Glob Oncol* 7:425-434, 2021.

**Acharya S, Sinard RN, Rangel G, Rastatter JC, Sheyn A.** Rethinking the definition of high risk in pediatric salivary gland carcinoma.

*Otolaryngol Head Neck Surg* 1945998211020301, 2021.

**Acharya S, Wang C, Quesada S, Gargone MA, Ates O, Uh J, Krasin MJ, Merchant TE, Hua CH.** Adaptive proton therapy for pediatric patients: Improving the quality of the delivered plan with on-treatment MRI.

*Int J Radiat Oncol Biol Phys* 109:242-251, 2021.

**Adewuyi EO, Mehta D, Sapkota Y, Auta A, Yoshihara K, Nyegaard M, Griffiths LR, Montgomery GW, Chasman DI, Nyholt DR.** Genetic analysis of endometriosis and depression identifies shared loci and implicates causal links with gastric mucosa abnormality.

*Hum Genet* 140:529-552, 2021.

**Advani AS, Larsen E, Laumann K, Luger SM, Liedtke M, Devidas M, Chen Z, Yin J, Foster MC, Claxton D, Coffan K, Tallman MS, Appelbaum FR, Erba H, Stone RM, Hunger SP, McNeer JL, Loh ML, Raetz E, Winick N, Carroll W, Larson RA, Stock W.** Comparison of CALGB 10403 (Alliance) and COG AALL0232 toxicity results in young adults with acute lymphoblastic leukemia.

*Blood Adv* 5:504-512, 2021.

**Agarwal N, Ahmed AK, Wiggins RH 3rd, McCulley TJ, Kontzialis M, Macedo LL, Choudhri AF, Ditta LC, Ishii M, Gallia GL, Aygun N, Blitz AM.** Segmental imaging of the trochlear nerve: Anatomic and pathologic considerations.

*J Neuroophthalmol* 41:e7-e15, 2021.

**Aggarwal SD, Gullett JM, Fedder T, Safi JPF, Rock CO, Hiller NL.** Competence-associated peptide BriC alters fatty acid biosynthesis in *Streptococcus pneumoniae*.

*mSphere* 6:e0014521, 2021.

**Agulnik A, Cárdenas A, Carrillo AK, Bulsara P, Garza M, Alfonso Carreras Y, Alvarado M, Calderón P, Díaz R, de León C, Del Real C, Huitz T, Martínez A, Miralda S, Montalvo E, Negrín O, Osuna A, Perez Fermin CK, Pineda E, Soberanis D, Juárez Tobias MS, Lu Z, Rodriguez-Galindo C, EVAT Study Group.** Clinical and organizational risk factors for mortality during deterioration events among pediatric oncology patients in Latin America: A multicenter prospective cohort.

*Cancer* 127:1668-1678, 2021.

**Agwu AL, Flynn PM.** Increasing the urgency to identify adolescents and young adults with HIV infection...do or die.

*AIDS* 35:693-695, 2021.

**Alberts NM, Kang G, Li C, Richardson PA, Hodges J, Hankins JS, Klosky JL.** Pain in youth with sickle cell disease: A report from the sickle cell clinical research and intervention program.

*Clin J Pain* 37:43-50, 2021.

**Alexander TB, Mullighan CG.** Molecular biology of childhood leukemia.

*Annu Rev Cancer Biol* 5:95-117, 2021.

**Ali JS, Ashford JM, Swain MA, Harder LL, Carlson-Green BL, Miller JM, Wallace J, Kaner RJ, Billups CA, Onar-Thomas A, Merchant TE, Gajjar A, Conklin HM.** Predictors of cognitive performance among infants treated for brain tumors: Findings from a multisite, prospective, longitudinal trial.

*J Clin Oncol* JCO2001687, 2021.

**Ali M, Gupta M, Wani A, Sharma A, Abdullaha M, Kour D, Choudhary S, Bharate SB, Singh G, Kumar A.** IIM-941, a stilbene derivative inhibits NLRP3 inflammasome activation by inducing autophagy.

*Front Pharmacol* 12:695712, 2021.

**AlJanahi AA, Lazzarotto CR, Chen S, Shin TH, Cordes S, Fan X, Jabara I, Zhou Y, Young DJ, Lee BC, Yu KR, Li Y, Toms B, Tunc I, Hong SG, Truitt LL, Klermund J, Andrieux G, Kim MY, Cathomen T, Gill S, Tsai SQ, Dunbar CE.** Prediction and validation of hematopoietic stem and progenitor cell off-target editing in transplanted rhesus macaques.

*Mol Ther* S1525-0016, 2021.

**Amersfoort J, Schaftenaar FH, Douna H, van Santbrink PJ, van Puijvelde GHM, Slutter B, Foks AC, Harms A, Moreno-Gordaliza E, Wang Y, Hankemeier T, Bot I, Chi H, Kuiper J.** Diet-induced dyslipidemia induces metabolic and migratory adaptations in regulatory T cells.

*Cardiovasc Res* 117:1309-1324, 2021.

**Amico KR, Crawford J, Ubong I, Lindsey JC, Gaur AH, Horvath K, Goolsby R, Mueller Johnson M, Dallas R, Heckman B, Filipowicz T, Polier M, Rupp BM, Hudgens M.** Correlates of high HIV viral load and antiretroviral therapy adherence among viremic youth in the United States enrolled in an adherence improvement intervention.

*AIDS Patient Care STDS* 35:145-157, 2021.

**Amjad S, Nisar S, Bhat AA, Shah AR, Frenneaux MP, Fakhro K, Haris M, Reddy R, Patay Z, Baur J, Bagga P.** Role of NAD(+) in regulating cellular and metabolic signaling pathways.

*Mol Metab* 49:101195, 2021.

**Anacak Y, Zubizarreta E, Zaghoul M, Laskar S, Alert J, Gondhowiardjo S, Giselsania A, Correa-Villar R, Pedrosa F, Dorj B, Kamer S, Howard SC, Quintana Y, Ribeiro RC, Rosenblatt E, Hopkins K.** The practice of paediatric radiation oncology in low- and middle-income countries: Outcomes of an International Atomic Energy Agency study.

*Clin Oncol (R Coll Radiol)* 33:e211-e220, 2021.

**Andrés-Jensen L, Attarbaschi A, Bardi E, Barzilai-Birenboim S, Bhojwani D, Hagleitner MM, Halsey C, Harila-Saari A, van Litsenburg RRL, Hudson MM, Jeha S, Kato M, Kremer L, Mlynarski W, Mörricke A, Pieters R, Piette C, Raetz E, Ronceray L, Toro C, Grazia Valsecchi M, Vrooman LM, Weinreb S, Winick N, Schmiegelow K.** Severe toxicity free survival: physician-derived definitions of unacceptable long-term toxicities following acute lymphocytic leukaemia.

*Lancet Haematol* 8:e513-e523, 2021.

**Angelini P, Muthupillai R, Lopez A, Cheong B, Uribe C, Hernandez E, Coulter S, Perin E, Molossi S, Gentile F, Flamm S, Lorenz G, D'Ascenzi F, Tobis J, Sarnari R, Corno A, Furgerson J, Chiribiri A, Villa ADM, Orzan F, Brugada P, Jefferies J, Aubry P, Towbin J, Thiene G, Tomanek R.** Young athletes: Preventing sudden death by adopting a modern screening approach? A critical review and the opening of a debate.

*Int J Cardiol Heart Vasc* 34:100790, 2021.

**Anghelescu DL, Morgan KJ, Frett MJ, Wu D, Li Y, Han Y, Hall EA.** Lidocaine infusions and reduced opioid consumption-Retrospective experience in pediatric hematology and oncology patients with refractory pain.

*Pediatr Blood Cancer* e29215, 2021.

**Angiolillo AL, Schore RJ, Kairalla JA, Devidas M, Rabin KR, Zweidler-McKay P, Borowitz MJ, Wood B, Carroll AJ, Heerema NA, Relling MV, Hitzler J, Lane AR, Maloney KW, Wang C, Bassal M, Carroll WL, Winick NJ, Raetz EA, Loh ML, Hunger SP.** Excellent outcomes with reduced frequency of vincristine and dexamethasone pulses in standard-risk B-lymphoblastic leukemia: Results from Children's Oncology Group AALL0932.

*J Clin Oncol* 39:1437-1447, 2021.

**Anunziata I, Weesner JA, d'Azzo A.** Isolation of mitochondria-associated ER membranes (MAMs), synaptic MAMs, and glycosphingolipid enriched microdomains (GEMs) from brain tissues and neuronal cells.

*Methods Mol Biol* 2277:357-370, 2021.

**Ansari AZ.** Blocking the enablers: Selective inhibition of CDK9 reins in an unchecked master regulator.

*Cell Chem Biol* 28:113-115, 2021.

**Arias AV, Lucas DJ, Shafi NI.** Respiratory syncytial virus bronchiolitis complicated by necrotizing enterocolitis: A case series.

*Pediatrics* 147:e2020022707, 2021.

**Arnone CM, Polito VA, Mastronuzzi A, Carai A, Diomedei FC, Antonucci L, Petrelli LL, Vinci M, Ferrari F, Salviato E, Scarsella M, De Stefanis C, Weber G, Quintarelli C, De Angelis B, Brenner MK, Gottschalk S, Hoyos V, Locatelli F, Caruana I, Del Bufalo F.** Oncolytic adenovirus and gene therapy with EphA2-BiTE for the treatment of pediatric high-grade gliomas.

*J Immunother Cancer* 9:e001930, 2021.

**Aronson M, Colas C, Shuen A, Hampel H, Foulkes WD, Baris Feldman H, Goldberg Y, Muleris M, Wolfe Schneider K, McGee RB, Jasperson K, Rangaswami A, Brugieres L, Tabori U.** Diagnostic criteria for constitutional mismatch repair deficiency (CMMRD): Recommendations from the international consensus working group.  
*J Med Genet*, 2021.

**Arora RS, Bagai P, Bhakta N.** Estimated national and state level incidence of childhood and adolescent cancer in India.  
*Indian Pediatr* 58:417-423, 2021.

**Artunduaga M, Liu CA, Morin CE, Serai SD, Udayasankar U, Greer MC, Gee MS.** Safety challenges related to the use of sedation and general anesthesia in pediatric patients undergoing magnetic resonance imaging examinations.  
*Pediatr Radiol* 51:724-735, 2021.

**Asdahl PH, Oeffinger KC, Albieri V, Hudson M, Leisenring WM, Donaldson SS, Hasle H, Winther JF, Armstrong GT, Robison LL.** Esophageal disease among childhood cancer survivors-A report from the Childhood Cancer Survivors Study.  
*Pediatr Blood Cancer* 68:e29043, 2021.

**Asher WB, Geggier P, Holsey MD, Gilmore GT, Pati AK, Meszaros J, Terry DS, Mathiasen S, Kaliszewski MJ, McCauley MD, Govindaraju A, Zhou Z, Harikumar KG, Jaqaman K, Miller LJ, Smith AW, Blanchard SC, Javitch JA.** Single-molecule FRET imaging of GPCR dimers in living cells.  
*Nat Methods* 18:397-405, 2021.

**Ast A, Meyer M, Heidelberg RE, Allen JM, Ly A, Spraker-Perlman H.** Development of a pediatric integrative oncology program: Pearls, barriers, and future directions.  
*OBM Integr Compliment Med* 6, 2021.

**Ataga KI, Zhou Q, Derebail VK, Saraf SL, Hankins JS, Loehr LR, Garrett ME, Ashley-Koch AE, Cai J, Telen MJ.** Rapid decline in estimated glomerular filtration rate in sickle cell anemia: Results of a multicenter pooled analysis.  
*Haematologica* 106:1749-1753, 2021.

**Ates O, Hua CH, Zhao L, Shapira N, Yagil Y, Merchant TE, Krasin M.** Feasibility of using post-contrast dual-energy CT for pediatric radiation treatment planning and dose calculation.  
*Br J Radiol* 94:20200170, 2021.

**Ayres S, Gee A, Kim S, Hashibe M, Praag A, Kaiser D, Chang CP, Brandt HM, Kepka D.** Human papillomavirus vaccination knowledge, barriers, and recommendations among healthcare provider groups in the western United States.  
*J Cancer Educ*, 2021.

**Bae M, Mevers E, Pishchany G, Whaley SG, Rock CO, Andes DR, Currie CR, Pupo MT, Clardy J.** Chemical exchanges between multilateral symbionts.  
*Org Lett* 23:1648-1652, 2021.

**Baedke JL, Lindsey LA, James AS, Huang IC, Ness KK, Howell CR, Brinkman TM, Bhakta N, Ehrhardt MJ, Im C, Letsou W, Liu Q, Robison LL, Hudson MM, Yasui Y.** Forgoing needed medical care among long-term survivors of childhood cancer: Racial/ethnic-insurance disparities.  
*J Cancer Surviv*, 2021.

**Baek K, Scott DC, Schulman BA.** NEDD8 and ubiquitin ligation by cullin-RING E3 ligases.  
*Curr Opin Struct Biol* 67:101-109, 2021.

**Baek M, Choe YJ, Bannwarth S, Kim J, Maitra S, Dorn GW 2nd, Taylor JP, Paquis-Flucklinger V, Kim NC.** Author Correction: TDP-43 and PINK1 mediate CHCHD10(S59L) mutation-induced defects in *Drosophila* and in vitro.  
*Nat Commun* 12:3165, 2021.

**Baek M, Choe YJ, Bannwarth S, Kim J, Maitra S, Dorn GW 2nd, Taylor JP, Paquis-Flucklinger V, Kim NC.** TDP-43 and PINK1 mediate CHCHD10(S59L) mutation-induced defects in *Drosophila* and in vitro.  
*Nat Commun* 12:1924, 2021.

**Bag AK, Chiang J, Patay Z.** Radiohistogenomics of pediatric low-grade neuroepithelial tumors.  
*Neuroradiology* 63:1185-1213, 2021.

**Bagchi A, Madaj Z, Engel KB, Guan P, Rohrer DC, Valley DR, Wolfrum E, Feenstra K, Roche N, Hostetter G, Moore HM, Jewell SD.** Impact of preanalytical factors on the measurement of tumor tissue biomarkers using immunohistochemistry.

*J Histochem Cytochem* 69:22155421995600, 2021.

**Bai Y, Jones JC, Wong SS, Zanin M.** Antivirals targeting the surface glycoproteins of influenza virus: Mechanisms of action and resistance.  
*Viruses* 13:624, 2021.

**Baker Z, Javanbacht M, Moore J, Brosnan H, Squires K, Bunge K, Zimet G, Mensch B, Soto-Torres L, Kapogiannis B, Levy L, Hoesley C, Reirden D, Gaur A, Mayer K, Futterman D, Gorbach P.** Qualitative study on the acceptability of and adherence to a vaginal ring for HIV prophylaxis among adolescent girls.  
*J Acquir Immune Defic Syndr* 87:944-950, 2021.

**Bakre A, Jones L, Murray J, Reneer ZB, Meliopoulos V, Cherry S, Schultz-Cherry S, Tripp RA.** Innate antiviral cytokine response to swine influenza virus by swine respiratory epithelial cells.  
*J Virol* 95:e0069221, 2021.

**Ballas SK, Kuypers FA, Gordeuk VR, Hankins JS, Thompson AA, Vichinsky E.** Time to rethink haemoglobin threshold guidelines in sickle cell disease.  
*Br J Haematol*, 2021.

**Barbar R, Hayden R, Sun Y, Tang L, Hakim H.** Epidemiologic and clinical characteristics of *Clostridioides difficile* infections in hospitalized and outpatient pediatric oncology and hematopoietic stem cell transplant patients.  
*Pediatr Infect Dis J* 40:655-662, 2021.

**Barone S, Zahedi K, Brooks M, Henske EP, Yang Y, Zhang E, Bissler JJ, Yu JJ, Soleimani M.** Kidney intercalated cells and the transcription factor FOXi1 drive cystogenesis in tuberous sclerosis complex.  
*Proc Natl Acad Sci U S A* 118:e2020190118, 2021.

**Baroni L, Sundaresan L, Heled A, Coltin H, Pajtler KW, Lin T, Merchant TE, McLendon R, Faria C, Buntine M, White CL, Pfister SM, Gilbert MR, Armstrong TS, Bouffet E, Kumar S, Taylor MD, Aldape KD, Ellison DW, Gottardo NG, Kool M, Korshunov A, Hansford JR, Ramaswamy V.** Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q.  
*Neuro Oncol* 23:1360-1370, 2021.

**Basbous M, Al-Jadiry M, Belgaumi A, Sultan I, Al-Haddad A, Jeha S, Saab R.** Childhood cancer care in the Middle East, North Africa, and West/Central Asia: A snapshot across five countries from the POEM network.  
*Cancer Epidemiol* 71:101727, 2021.

**Beasley GS, Towbin JA.** Acquired and modifiable cardiovascular risk factors in patients treated for cancer.  
*J Thromb Thrombolysis* 51:846-853, 2021.

**Beijer D, Kim HJ, Guo L, O'Donovan K, Mademan I, Deconinck T, Van Schil K, Fare CM, Drake LE, Ford AF, Kochański A, Kabzińska D, Dubuisson N, Van den Bergh P, Voermans NC, Lemmers RJ, van der Maarel SM, Bonner D, Sampson JB, Wheeler MT, Mehrabyan A, Palmer S, De Jonghe P, Shorter J, Taylor JP, Baets J.** Characterization of HNRNPA1 mutations defines diversity in pathogenic mechanisms and clinical presentation.  
*JCI Insight* 6:148363, 2021.

**Bell M, Gottschalk S.** Engineered cytokine signaling to improve CAR T cell effector function.  
*Front Immunol* 12:684642, 2021.

**Belyaev I, Praetorius JP, Medyukhina A, Figge MT.** Enhanced segmentation of label-free cells for automated migration and interaction tracking.  
*Cytometry A*, 2021.

**Ben-Ami T2, Kontny U, Surun A, Brecht IB, Almaraz RL, Dragomir M, Pourtsidis A, Casanova M, Fresneau B, Bisogno G, Schneider DT, Reguerre Y, Bien E, Stachowicz-Stencel T, Österlundh G, Wygoda M, Janssens GO, Zsiros J, Jehanno N, Brisse HJ, Gandola L, Christiansen H, Claude L, Ferrari A, Rodriguez-Galindo C, Orbach D.** Nasopharyngeal carcinoma in children and adolescents: The EXPeRT/PARTNER diagnostic and therapeutic recommendations.  
*Pediatr Blood Cancer* e29018, 2021.

**Benson AB, D'Angelica MI, Abbott DE, Anaya DA, Anders R, Are C, Bachini M, Borad M, Brown D, Burgoyne A, Chahal P, Chang DT, Cloyd J, Covey AM, Glazer ES, Goyal L, Hawkins WG, Iyer R, Jacob R, Kelley RK, Kim R, Levine M, Palta M, Park JO, Raman S, Reddy S, Sahai V, Schefter T, Singh G, Stein S, Vauthey JN, Venook AP, Yopp A, McMillian NR, Hochstetler C, Darlow SD.** Hepatobiliary Cancers, Version 2.2021, NCCN Clinical Practice Guidelines in Oncology.  
*J Natl Compr Canc Netw* 19:541-565, 2021.

**Bernhard ME, Barnes CL, DeFeo BM, Kaste SC, Wang X, Lu Z, Neel MD.** Total hip arthroplasty in adolescents and young adults for management of advanced corticosteroid-induced osteonecrosis secondary to treatment for hematologic malignancies. *J Arthroplasty* 36:1352-1360, 2021.

**Berry JL, Munier FL, Gallie BL, Polski A, Shah S, Shields CL, Gombos DS, Ruchalski K, Stathopoulos C, Shah R, Jubran R, Kim JW, Mruthyunjaya P, Marr BP, Wilson MW, Brennan RC, Chantada GL, Chintagumpala MM, Murphree AL.** Response criteria for intraocular retinoblastoma: RB-RECIST. *Pediatr Blood Cancer* 68:e28964, 2021.

**Berry-Carter K, Barnett B, Canavera K, Baker JN, Mandrell BN.** Development of a structured peer mentoring program for support of parents and caregivers of children with cancer. *J Pediatr Nurs* 59:131-136, 2021.

**Berti B, Fanelli L, de Sanctis R, Onesimo R, Palermo C, Leone D, Carnicella S, Norcia G, Forcina N, Coratti G, Giorgio V, Cerchiari A, Lucibello S, Finkel R, Pane M, Mercuri E.** Oral and Swallowing Abilities Tool (OrSAT) for Type 1 SMA patients: Development of a new module. *J Neuromuscul Dis* 8:589-601, 2021.

**Bhansali RS, Rammohan M, Lee P, Laurent AP, Wen Q, Suraneni P, Yip BH, Tsai YC, Jenni S, Bornhauser B, Siret A, Fruit C, Pacheco-Benichou A, Harris E, Besson T, Thompson BJ, Goo YA, Hijjiya N, Vilenchik M, Izraeli S, Bourquin JP, Malinge S, Crispino JD.** DYRK1A regulates B cell acute lymphoblastic leukemia through phosphorylation of FOXO1 and STAT3. *J Clin Invest* 131:e135937, 2021.

**Bhat AA, Nisar S, Maacha S, Carneiro-Lobo TC, Akhtar S, Siveen KS, Wani NA, Rizwan A, Bagga P, Singh M, Reddy R, Uddin S, Grivel JC, Chand G, Frenneaux MP, Siddiqi MA, Bedognetti D, El-Rifai W, Macha MA, Haris M.** Cytokine-chemokine network driven metastasis in esophageal cancer; promising avenue for targeted therapy. *Mol Cancer* 20:2, 2021.

**Bhatia S, Palomares MR, Hageman L, Chen Y, Landier W, Adams K, Umphrey H, Reich CA, Zamora KW, Armenian SH, Bevers TB, Blaes AH, Henderson TO, Hodgson DC, Hudson MM, Korde LA, Melin S, Merajver SD, Overholser L, Pruthi S, Wong FL, Garber JE.** A randomized phase IIb study of low-dose tamoxifen in chest-irradiated cancer survivors at risk for breast cancer. *Clin Cancer Res* 27:967-974, 2021.

**Bhatt N, Boggio L, Simpson ML.** Using an educational intervention to assess and improve disease-specific knowledge and health literacy and numeracy in adolescents and young adults with haemophilia A and B. *Haemophilia* 27:229-236, 2021.

**Bhatt NS, Baassiri MJ, Liu W, Bhakta N, Chemaitilly W, Ehrhardt MJ, Inaba H, Krull K, Ness KK, Rubnitz JE, Srivastava D, Robison LL, Hudson MM, Mulrooney DA.** Late outcomes in survivors of childhood acute myeloid leukemia: A report from the St. Jude Lifetime Cohort Study. *Leukemia* 35:2258-2273, 2021.

**Bhatt NS, Brazauskas R, Salit RB, Syrjala K, Bo-Subait S, Tecca H, Badawy SM, Baker KS, Beitinjaneh A, Bejanyan N, Byrne M, Dias A, Farhadfar N, Freytes CO, Ganguly S, Hashmi S, Hayashi RJ, Hong S, Inamoto Y, Jamani K, Kasow KA, Khera N, Krem MM, Lazarus HM, Lee CJ, Lee S, Majhail NS, Malone AK, Marks DI, Mau LW, Mayo SJ, Muffly LS, Nathan S, Nishihori T, Page KM, Preussler J, Rangarajan HG, Rotz SJ, Salooja N, Savani BN, Schears R, Schechter-Finkelstein T, Schiller G, Shah AJ, Sharma A, Wang T, Wirk B, Battiwalla M, Schoemans H, Hamilton B, Buchbinder D, Phelan R, Shaw B.** Return to work among young adult survivors of allogeneic hematopoietic cell transplantation in the United States. *Transplant Cell Ther* 27:679.e1-679.e8, 2021.

**Bhattacharya K, Bentley JP, Ramachandran S, Chang Y, Banahan BF 3rd, Shah R, Bhakta N, Yang Y.** Phase-specific and lifetime costs of multiple myeloma among older adults in the US. *JAMA Netw Open* 4:e2116357, 2021.

**Bhoopalan SV, Alhosh R.** Dysphagia and epigastric pain in an adolescent boy. *Pediatr Rev* 42:209-211, 2021.

**Bhoopalan SV, Campbell PK, Bag AK, Onciu M, Srinivasan A.** Haemophagocytic lymphohistiocytosis restricted to the central nervous system. *Arch Dis Child* 106:527, 2021.

**Bhoopalan SV, Wlodarski M, Reiss U, Triplett B, Sharma A.** Reduced-intensity conditioning-based hematopoietic cell transplantation for dyskeratosis congenita: Single-center experience and literature review.

*Pediatr Blood Cancer* e29177, 2021.

**Bishop MW, Hutson PR, Hank JA, Sondel PM, Furman WL, Meagher MM, Navid F, Santana VM.** A Phase 1 and pharmacokinetic study evaluating daily or weekly schedules of the humanized anti-GD2 antibody hu14.18K322A in recurrent/refractory solid tumors.

*MAbs* 12:1773751, 2021.

**Blazin LJ, Terao MA, Spraker-Perlman H, Baker JN, McLaughlin Crabtree V, Mandrell BN, Gattuso J, Sellers J, Dunn TJ, Lu Z, Hoffman JM, Burlison JD.** Never enough time: Mixed methods study identifies drivers of temporal demand that contribute to burnout among physicians who care for pediatric hematology-oncology patients.

*JCO Oncol Pract* 17:e958-971, 2021.

**Blechter B, Wong JYY, Agnes Hsiung C, Hosgood HD, Yin Z, Shu XO, Zhang H, Shi J, Song L, Song M, Zheng W, Wang Z, Caporaso N, Burdette L, Yeager M, Berndt SI, Teresa Landi M, Chen CJ, Chang GC, Hsiao CF, Tsai YH, Chen KY, Huang MS, Su WC, Chen YM, Chien LH, Chen CH, Yang TY, Wang CL, Hung JY, Lin CC, Perng RP, Chen CY, Chen KC, Li YJ, Yu CJ, Chen YS, Chen YH, Tsai FY, Jie Seow W, Bassig BA, Hu W, Ji BT, Wu W, Guan P, He Q, Gao YT, Cai Q, Chow WH, Xiang YB, Lin D, Wu C, Wu YL, Shin MH, Hong YC, Matsuo K, Chen K, Pik Wong M, Lu D, Jin L, Wang JC, Seow A, Wu T, Shen H, Fraumeni JF, Yang PC, Chang IS, Zhou B, Chanock SJ, Rothman N, Chatterjee N, Lan Q.** Sub-multiplicative interaction between polygenic risk score and household coal use in relation to lung adenocarcinoma among never-smoking women in Asia.

*Environ Int* 147:105975, 2021.

**Boer JM, Valsecchi MG, Hormann FM, Antić Ž, Zaliova M, Schwab C, Cazzaniga G, Arfeuille C, Cavé H, Attarbaschi A, Strehl S, Escherich G, Imamura T, Ohki K, Grüber TA, Sutton R, Pastorczak A, Lammens T, Lambert F, Li CK, Carrillo de Santa Pau E, Hoffmann S, Möricke A, Harrison CJ, Den Boer ML, De Lorenzo P, Stam RW, Bergmann AK, Pieters R.** Favorable outcome of NUTM1-rearranged infant and pediatric B cell precursor acute lymphoblastic leukemia in a collaborative international study.

*Leukemia*, 2021.

**Boguszewski MCS, Cardoso-Demartini AA, Boguszewski CL, Chemaitilly W, Higham CE, Johannsson G, Yuen KCJ.** Safety of growth hormone (GH) treatment in GH deficient children and adults treated for cancer and non-malignant intracranial tumors-A review of research and clinical practice.

*Pituitary*, 2021.

**Boi SK, Lan X, Youngblood B.** BATF targets T cell exhaustion for termination.

*Nat Immunol* 22:936-938, 2021.

**Bolous NS, Chen Y, Wang H, Davidoff AM, Devidas M, Jacobs TW, Meagher MM, Nathwani AC, Neufeld EJ, Piras BA, Rodriguez-Galindo C, Reiss UM, Bhakta N.** The cost-effectiveness of gene therapy for severe hemophilia B: Microsimulation study from the United States perspective.

*Blood*, 2021.

**Bona K, Brazauskas R, He N, Lehmann L, Abdel-Azim H, Ahmed IA, Al-Homsi AS, Aljurf M, Arnold SD, Badawy SM, Battiwalla M, Beattie S, Bhatt NS, Dalal J, Dandoy CE, Diaz MA, Frangoul HA, Freytes CO, Ganguly S, George B, Gomez-Almaguer D, Hahn T, Kamble RT, Knight JM, LeMaistre CF, Law J, Lazarus HM, Majhail NS, Olsson RF, Preussler J, Savani BN, Schears R, Seo S, Sharma A, Srivastava A, Steinberg A, Szwajcer D, Wirk B, Yoshimi A, Khera N, Wood WA, Hashmi S, Duncan CN, Saber W.** Neighborhood poverty and pediatric allogeneic hematopoietic cell transplantation outcomes: a CIBMTR analysis.

*Blood* 137:556-568, 2021.

**Bongiovanni A, Cusimano A, Annunziata I, d'Azzo A.** Sialylation of host proteins as targetable risk factor for COVID-19 susceptibility and spreading: A hypothesis.

*FASEB Bioadv* 3:192-197, 2021.

**Bonner MA, Morales-Hernández A, Zhou S, Ma Z, Condori J, Wang YD, Fatima S, Palmer LE, Janke LJ, Fowler S, Sorrentino BP, McKinney-Freeman S.** 3' UTR-truncated HMGA2 overexpression induces non-malignant in vivo expansion of hematopoietic stem cells in non-human primates.

*Mol Ther Methods Clin Dev* 21:693-701, 2021.

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