

## Publication List – 2019

**Abdelhafeez A, Ortega-Laureano L, Murphy AJ, Davidoff AM, Fernandez-Pineda I, Sandoval JA.** Minimally invasive surgery in pediatric surgical oncology: Practice evolution at a contemporary single-center institution and a guideline proposal for a randomized controlled study.

*J Laparoendosc Adv Surg Tech A* 29:1046-1051, 2019.

**Abdolvahabi A, Rasouli S, Croom CM, Plewman DL.** High-throughput microplate-based fluorescence assays for studying stochastic aggregation of superoxide dismutase-1.

*Methods Mol Biol* 1873:93-108, 2019.

**Abdulhay NJ, Fiorini C, Verboon JM, Ludwig LS, Ulirsch JC, Zieger B, Lareau CA, Mi X, Roy A, Obeng EA, Erlacher M, Gupta N, Gabriel SB, Ebert BL, Niemeyer CM, Khoriaty RN, Ancliff P, Gazda HT, Wlodarski MW, Sankaran VG.** Impaired human hematopoiesis due to a cryptic intronic GATA1 splicing mutation.

*J Exp Med* 216:1050-1060, 2019.

**Abrahao R, Ribeiro RC, Lichtensztajn DY, Rosenberg AS, Keegan THM.** Survival after diffuse large B-cell lymphoma among children, adolescents, and young adults in California, 2001-2014: A population-based study.

*Pediatr Blood Cancer* 66:e27559, 2019.

**Abu Arja MH, Stanek JR, Morales La Madrid AE, Lassaletta A, Bartels U, Qaddoumi I, Finlay JL, Osorio DS.** The Latin American Brain Tumor Board teleconference: Results of a web-based survey to evaluate participant experience utilizing this resource.

*Childs Nerv Syst* 35:257-265, 2019.

**Abu-Zaid A, Alamri Y.** Promoting authorship integrity in scientific publication.

*Acad Med* 94:151, 2019.

**Acharya S, Quesada S, Coca K, Richardson C, Hoehn ME, Chiang J, Qaddoumi I, Boop FA, Gajjar A, Merchant TE.** Long-term visual acuity outcomes after radiation therapy for sporadic optic pathway glioma.

*J Neurooncol* 144:603-610, 2019.

**Acharya S, Wu S, Ashford JM, Tinkle CL, Lucas JT, Qaddoumi I, Gajjar A, Krasin MJ, Conklin HM, Merchant TE.** Association between hippocampal dose and memory in survivors of childhood or adolescent low-grade glioma: A 10-year neurocognitive longitudinal study.

*Neuro Oncol* 21:1175-1183, 2019.

**Adesina OO, Gurney JG, Kang G, Villavicencio M, Hedges JR, Chemaitilly W, Kaste SC, Zemel BS, Hankins JS.** Height-corrected low bone density associates with severe outcomes in sickle cell disease: SCCRIP cohort study results.

*Blood Adv* 3:1476-1488, 2019.

**Agulnik A, Antillon-Klussmann F, Soberanis Vasquez DJ, Arango R, Moran E, Lopez V, Rodriguez-Galindo C, Bhakta N.** Cost-benefit analysis of implementing a pediatric early warning system at a pediatric oncology hospital in a low-middle income country.

*Cancer* 125:4052-4058, 2019.

**Ahmed IA, Farooqi MS, Lugt MTV, Boklan J, Rose M, Friehling ED, Triplett B, Lieuw K, Saldana BD, Smith CM, Schwartz JR, Goyal RK.** Outcomes of hematopoietic cell transplantation in patients with germline SAMD9/SAMD9L mutations.

*Biol Blood Marrow Transplant* 25:2186-2196, 2019.

**Akel S, Murray C, Ferguson W, Babic A.** Outcomes of processing of bone marrow harvests for hematopoietic stem cell transplantation in pediatric patients utilizing a novel red blood cell sedimentation kit.

*Transfusion* 59:2375-2381, 2019.

**Akoury E, Ma G, Demolin S, Bronner C, Zocco M, Cirilo A, Ivic N, Halic M.** Disordered region of H3K9 methyltransferase Clr4 binds the nucleosome and contributes to its activity.

*Nucleic Acids Res* 47:6726-6736, 2019.

**Alamri Y, Abu-Zaid A.** Equipping junior authors against predatory open-access journals.

*Acad Med* 94:1405, 2019.

**Alazraki A, McCarville MB.** Introduction.

*Pediatr Radiol* 49:1381, 2019.

**Albeituni S, Stiban J.** Roles of ceramides and other sphingolipids in immune cell function and inflammation.  
*Adv Exp Med Biol* 1161:169-191, 2019.

**Albeituni S, Verbist KC, Tedrick PE, Tillman H, Picarsic J, Bassett R, Nichols KE.** Mechanisms of action of ruxolitinib in murine models of hemophagocytic lymphohistiocytosis.  
*Blood* 134:147-159, 2019.

**Alberti S, Gladfelter A, Mittag T.** Considerations and challenges in studying liquid-liquid phase separation and biomolecular condensates.  
*Cell* 176:419-434, 2019.

**Aldape K, Brindle KM, Chesler L, Chopra R, Gajjar A, Gilbert MR, Gottardo N, Gutmann DH, Hargrave D, Holland EC, Jones DTW, Joyce JA, Kearns P, Kieran MW, Mellinghoff IK, Merchant M, Pfister SM, Pollard SM, Ramaswamy V, Rich JN, Robinson GW, Rowitch DH, Sampson JH, Taylor MD, Workman P, Gilbertson RJ.** Challenges to curing primary brain tumours.  
*Nat Rev Clin Oncol* 16:509-520, 2019.

**Aldape K, Brindle KM, Chesler L, Chopra R, Gajjar A, Gilbert MR, Gottardo N, Gutmann DH, Hargrave D, Holland EC, Jones DTW, Joyce JA, Kearns P, Kieran MW, Mellinghoff IK, Merchant M, Pfister SM, Pollard SM, Ramaswamy V, Rich JN, Robinson GW, Rowitch DH, Sampson JH, Taylor MD, Workman P, Gilbertson RJ.** Reply to 'Assembling the brain trust: The multidisciplinary imperative in neuro-oncology'.  
*Nat Rev Clin Oncol* 16:522-523, 2019.

**Al-Fahad R, Yeason M, Glass JO, Conklin HM, Jacola LM, Reddick WE.** Early imaging-based predictive modeling of cognitive performance following therapy for childhood ALL.  
*IEEE Access* 7:146662-146674, 2019.

**Alfei F, Kanev K, Hofmann M, Wu M, Ghoneim HE, Roelli P, Utzschneider DT, von Hoesslin M, Cullen JG, Fan Y, Eisenberg V, Wohlleber D, Steiger K, Merkler D, Delorenzi M, Knolle PA, Cohen CJ, Thimme R, Youngblood B, Zehn D.** TOX reinforces the phenotype and longevity of exhausted T cells in chronic viral infection.  
*Nature* 571:265-269, 2019.

**Al-Haddad C, Bashour Z, Farah L, Bayram L, Merabe Z, Ma'luf R, Alameddine R, Eid T, Geara F, Wilson M, Brennan R, Jeha S, Ghanem K, Yousef RA, Farah R, Noun P, Yassine N, Inati A, Muwakkit S, Abboud M, Tarek N, Hamideh D, Saab R.** Establishment of a formal program for retinoblastoma: Feasibility of clinical coordination across borders and impact on outcome.  
*Pediatr Blood Cancer* 66:e27959, 2019.

**Ali DM, Ansari SS, Zepp M, Knapp-Mohammady M, Berger MR.** Optineurin downregulation induces endoplasmic reticulum stress, chaperone-mediated autophagy, and apoptosis in pancreatic cancer cells.  
*Cell Death Discov* 5:128, 2019.

**Ali-Ahmad A, Bilokapic S, Schafer IB, Halic M, Sekulic N.** CENP-C unwraps the human CENP-A nucleosome through the H2A C-terminal tail.  
*EMBO Rep* 20:e48913, 2019.

**Al-Ibraheemi A, Broehm C, Tanas MR, Horvai AE, Rubin BP, Cheah AL, Thway K, Fisher C, Bahrami A, Folpe AL, Fritchie KJ.** Desmoplastic small round cell tumors with atypical presentations: A report of 34 cases.  
*Int J Surg Pathol* 27:236-243, 2019.

**Altan E, Dib JC, Guloso AR, Escribano Juandigua D, Deng X, Bruhn R, Hildebrand K, Freiden P, Yamamoto J, Schultz-Cherry S, Delwart E.** Effect of geographic isolation on the nasal virome of indigenous children.  
*J Virol* 93:2019.

**Amico KR, Dunlap A, Dallas R, Lindsey J, Heckman B, Flynn P, Lee S, Horvath K, West Goolsby R, Hudgens M, Filipowicz T, Polier M, Hill E, Mueller Johnson M, Miller J, Neilan A, Ciaranello A, Gaur A.** Triggered escalating real-time adherence intervention to promote rapid HIV viral suppression among youth living with HIV failing antiretroviral therapy: Protocol for a triggered escalating real-time adherence intervention.  
*JMIR Res Protoc* 8:e11416, 2019.

**Amunjela JN, Swan AH, Brand T.** The role of the Popeye domain containing gene family in organ homeostasis.  
*Cells* 8:2019.

**Anhelescu DL, Brown CL, Murphy AJ, Davidoff AM, Dickson PV, Glazer ES, Stiles ZE, Bishop MW, Douthitt L, Deneve JL.** Anesthesia and pain management for cytoreductive surgery and hyperthermic intraperitoneal chemotherapy for desmoplastic small round cell tumors in children, adolescents, and young adults.  
*Ann Surg Oncol* 26:131-138, 2019.

**Anhelescu DL, Pankayatselvan V, Nguyen R, Ward D, Wu J, Wu H, Edwards DD, Furman W.** Bisphosphonate use in pediatric oncology for pain management.  
*Am J Hosp Palliat Care* 36:138-142, 2019.

**Anhelescu DL, Tesney JM.** Neuropathic pain in pediatric oncology: A clinical decision algorithm.  
*Paediatr Drugs* 21:59-70, 2019.

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*Nat Commun* 10:3623, 2019.

**Antonescu CR, Dickson BC, Swanson D, Zhang L, Sung YS, Kao YC, Chang WC, Ran L, Pappo A, Bahrami A, Chi P, Fletcher CD.** Spindle cell tumors with RET gene fusions exhibit a morphologic spectrum akin to tumors with NTRK gene fusions.  
*Am J Surg Pathol* 43:1384-1391, 2019.

**Armenian SH, Ehrhardt MJ.** Optimizing cardiovascular care in children with acute myeloid leukemia to improve cancer-related outcomes.  
*J Clin Oncol* 37:1-6, 2019.

**Armenian SH, Gibson CJ, Rockne RC, Ness KK.** Premature aging in young cancer survivors.  
*J Natl Cancer Inst* 111:226-232, 2019.

**Arnst KE, Banerjee S, Wang Y, Chen H, Li Y, Yang L, Li W, Miller DD, Li W.** X-ray crystal structure guided discovery and antitumor efficacy of dihydroquinoxalinone as potent tubulin polymerization inhibitors.  
*ACS Chem Biol* 14:2810-2821, 2019.

**Arnst KE, Wang Y, Lei ZN, Hwang DJ, Kumar G, Ma D, Parke DN, Chen Q, Yang J, White SW, Seagroves TN, Chen ZS, Miller DD, Li W.** Colchicine binding site agent DJ95 overcomes drug resistance and exhibits antitumor efficacy.  
*Mol Pharmacol* 96:73-89, 2019.

**Auladell M, Jia X, Hensen L, Chua B, Fox A, Nguyen THO, Doherty PC, Kedzierska K.** Recalling the future: Immunological memory toward unpredictable influenza viruses.  
*Front Immunol* 10:1400, 2019.

**Auvin S, Bissler JJ, Cottin V, Fujimoto A, Hofbauer GFL, Jansen AC, Jozwiak S, Kerecuk L, Kingswood JC, Moavero R, Torra R, Villanueva V.** A step-wise approach for establishing a multidisciplinary team for the management of tuberous sclerosis complex: A Delphi consensus report.  
*Orphanet J Rare Dis* 14:91, 2019.

**Bahal D, Hashem T, Nichols KE, Das R.** SLAM-SAP-Fyn: Old players with new roles in iNKT Cell development and function.  
*Int J Mol Sci* 20:2019.

**Bailey K, Cost C, Davis I, Glade-Bender J, Grohar P, Houghton P, Isakoff M, Stewart E, Laack N, Yustein J, Reed D, Janeway K, Gorlick R, Lessnick S, DuBois S, Hingorani P.** Emerging novel agents for patients with advanced Ewing sarcoma: A report from the Children's Oncology Group (COG) New Agents for Ewing Sarcoma Task Force.  
*F1000Res* 8:493, 2019.

**Baker SJ, Vogelstein B.** p53: A tumor suppressor hiding in plain sight.  
*J Mol Cell Biol* 11:536-538, 2019.

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*BMC Cancer* 19:253, 2019.

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JAMA Oncol 5:1456-1463, 2019.

**Bansal D, Davidson A, Supriyadi E, Njuguna F, Ribeiro RC, Kaspers GJL.** SIOP PODC adapted risk stratification and treatment guidelines: Recommendations for acute myeloid leukemia in resource-limited settings.  
*Pediatr Blood Cancer* e28087, 2019.

**Barman S, Turner JCM, Hasan MK, Akhtar S, El-Shesheny R, Franks J, Walker D, Seiler P, Friedman K, Kercher L, Jeevan T, McKenzie P, Webby RJ, Webster RG, Feeroz MM.** Continuing evolution of highly pathogenic H5N1 viruses in Bangladeshi live poultry markets.  
*Emerg Microbes Infect* 8:650-661, 2019.

**Baskar R, Fienberg HG, Khair Z, Favaro P, Kimmey S, Green DR, Nolan GP, Plevritis S, Bendall SC.** TRAIL-induced variation of cell signaling states provides nonheritable resistance to apoptosis.  
*Life Sci Alliance* 2:2019.

**Bates JE, Howell RM, Liu Q, Yasui Y, Mulrooney DA, Dhakal S, Smith SA, Leisenring WM, Indelicato DJ, Gibson TM, Armstrong GT, Oeffinger KC, Constine LS.** Therapy-related cardiac risk in childhood cancer survivors: An Analysis of the Childhood Cancer Survivor Study.  
*J Clin Oncol* 37:1090-1101, 2019.

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*Mol Omics* 15:173-188, 2019.

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*Curr Oncol* 26:e266-e269, 2019.

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*J Am Chem Soc* 141:4908-4918, 2019.

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*Angew Chem Int Ed Engl* 58:3114-3118, 2019.

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*Cancer* 125:1774-1776, 2019.

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**Bikoff JB.** Interneuron diversity and function in the spinal motor system.  
*Curr Opin Physiol* 8:36-43, 2019.

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*Nat Commun* 10:3795, 2019.

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*Stem Cells* 37:1238-1248, 2019.

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*Nephrol Dial Transplant* 34:1000-1008, 2019.

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*J Appl Clin Med Phys* 20:6-13, 2019.

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*Mol Cancer Res* 17:895-906, 2019.

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*Pediatr Blood Cancer* 66:e27736, 2019.

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