

# Productivity



## A Selection of Publications from Our Current and Previous Fellows

1. **Fraint E\***, Weiser DA\*, West-Szymanski DC\*, Weiner S, Rivas MA, Zhao CWT, Applebaum MA, “Progress toward liquid biopsies in pediatric solid tumors.” *Cancer Metastasis Rev.* 2019 Dec 13. PMID 31836951
2. **Fraint E** et al. (2020). Hematology/Oncology. In O. Naga (Ed.), *Pediatric Board Study Guide: A Last Minute Review, 2<sup>nd</sup> edition* (pp. 345-390). Springer Nature Switzerland.
3. De La Garza A, Cameron RC, Gupta V, **Fraint E**, Nik S, Bowman TV. “The splicing factor Sf3b1 regulates erythroid maturation and proliferation via TGF beta signaling in the zebrafish.” *Blood Adv.* 2019 Jul 23;3(14):2093-2104. PMID 31300417
4. **Fraint E**, Holuba MJ, Wray L. “Pediatric Hematopoietic Stem Cell Transplantation.” *Pediatrics In Review. In press.*
5. **Fraint E\***, Potts K\*, Ulloa B, Feliz Norberto M, Bowman T. “Hematopoietic stem cell transplantation - therapeutic application of preclinical advances” *Stem Cells Translational Medicine. In press.*
6. **Fraint E**, Feliz Norberto M, Bowman T. “Establishing a novel high-throughput conditioning-free hematopoietic stem cell transplant model in zebrafish.” *Under Review.*
7. **Offenbacher R**, Rybinski B, Joseph T, **Rahmani N**, Boucher T, Weiser DA. An 8-Year-Old Boy With Fever, Splenomegaly, and Pancytopenia [published online ahead of print, 2020 Jun 12]. *Pediatrics.* 2020.
8. **Maxwell RR**, Egan-Sherry D, Gill JB, Roth ME. Management of chemotherapy-induced febrile neutropenia in pediatric oncology patients: A North American survey of pediatric hematology/oncology and pediatric infectious disease physicians. *Pediatr Blood Cancer.* 2017 Dec; 64(12)
9. **Maxwell RR**, Cole PD . Pharmacogenetic Predictors of Treatment-Related Toxicity Among Children With Acute Lymphoblastic Leukemia. *Curr Hematol Malig Rep.* 2017 Jun;12(3):176-186
10. Green NS, Manwani D, Qureshi M, Ireland K, **Sinha A**, Smaldone AM. Decreased fetal hemoglobin over time among youth with sickle cell disease on hydroxyurea is associated with higher urgent hospital use. *Pediatr Blood Cancer.* 2016 Dec;63(12):2146-2153.
11. Agarwal A, **Morrone K**, Bartenstein M, Zhao ZJ, Verma A, Goel S. Bone marrow fibrosis in primary myelofibrosis: pathogenic mechanisms and the role of TGF- $\beta$ . *Stem Cell Investig.* 2016 Feb 26;3:5
12. **Knapp E**, Cohen H, Kutlar A, Ghalie R, Manwani D. Inpatient variability in fetal hemoglobin measurements over time in sickle cell patients not on fetal hemoglobin inducing agents. . *Am J Hematol.* 2016 Mar;91(3)
13. **Figueiredo L**, **Morrone K**, Wei C, Ireland K, Cohen HW, Driscoll C, Manwani D. An age dependent response to hydroxyurea in pediatric sickle cell anemia patients with alpha thalassemia trait. *Blood Cells Mol Dis.* 2017 Jul;66:19-23
14. Khazal S, **Polishchuk V**, Manwani D, Gallagher PG, Prinzing S, **Mahadeo KM**, 2016, Allogeneic bone marrow transplantation for treatment of severe hemolytic anemia attributable to hexokinase deficiency. *Blood.* 4;128(5):735-7.
15. Bachegowda L, **Morrone K**, Winski SL, ... Bhagat T, 2016, Pexmetinib: a novel dual inhibitor of Tie-2 and p38 MAPK with efficacy in preclinical models of myelodysplastic syndromes and acute myeloid leukemia. *Cancer Research*
16. De La Garza A, **Sinha A**, Bowman TV, 2016, Hematopoietic Stem Cell Origins: Lessons From Embryogenesis for Improving Regenerative Medicine. *Stem Cells Translational Medicine*
17. **Weintraub L**, Weiner C, Miloh T, Tomaino J, Joashi U, Roth M, Wistinghausen, B, 2014, “Identifying Predictive Factors for Posttransplant Lymphoproliferative Disease in Pediatric Solid Organ Transplant Recipients With Epstein-Barr Virus
18. Viremia.” *Journal of Pediatric Hematology/Oncology.* 36(8), e481-e486.

19. **Rosenblum J**, Wijetunga N, ... Gorlick R, Greally J. 2015, "Predictive properties of DNA methylation patterns in primary tumor samples for osteosarcoma relapse status," *Epigenetics*, 10(1), 31-39.
20. **Bhagat TD**, Zhou L, Sokol L, **Kessel R**, Caceres, G, Gundabolu K, Verma A, 2013, "miR-21 mediates hematopoietic suppression in MDS by activating TGF- $\beta$  signaling" *Blood*, 121(15), 2875-2881.
21. **Bajpai M**, **Kessel R**, **Bhagat T**, Nischal S, Yu Y, Verma A, Das KM, 2013, "High resolution integrative analysis reveals widespread genetic and epigenetic changes after chronic in-vitro acid and bile exposure in barrett's epithelium cells." *Genes, Chromosomes and Cancer*, 52(12), 1123-1132.
22. **Kessel R**, Hu C, Shore-Lesserson L, Rand J, Manwani D, 2013, "A child with acquired factor XIII deficiency: case report and literature review," *Haemophilia*. 19(6); 814-826
23. **Kessel R**, **Roth M**, Levy A, 2013, "The Day One Talk: Parent Preferences when Learning their Child has Cancer." *Support Care Cancer*. 21(11); 2977-2984
24. **Shenoy N**, **Kessel R**, **Bhagat TD**, **Bhattacharyya S**, Yu Y, McMahan C, Verma A, 2012, "Alterations in the ribosomal machinery in cancer and hematologic disorders," *J Hematol Oncol*, 5, 32.
25. **Taylor S**, **Hu C**, Pan DH, Manwani D, 2012, "Treatment of Acquired Aplastic Anemia in Patients With Acute Liver Failure Occurring Concurrently: A Case Series," *J. Pediatr. Hematol. Oncol*. 34(8):e349-e352
26. **Roth M.**, Will B, Simkin G, Narayanagari S, Barreyro L, Bartholdy B, Steidl, U, 2012, "Eltrombopag inhibits the proliferation of leukemia cells via reduction of intracellular iron and induction of differentiation." *Blood*, 120(2), 386-394.
27. **Rosenblum J**, Lin, J, Kim, M, Levy, A. S, 2012, "Repeating blood cultures in neutropenic children with persistent fevers when the initial blood culture is negative," *Pediatr. Blood Cancer*. 60:923-927
28. **Roth M**, Krystal J, Manwani D, Driscoll C, Ricafort R, 2012, "Stem Cell Transplant for Children with Sickle Cell Anemia: Parent and Patient Preferences," *Biol Blood Marrow Transplant*. 18: 1709-15.
29. **Mahadeo KM**, Diop-Bove N, Ramirez SI, Cadilla CL, Rivera E, Martin M, Goldman ID, 2011, "Prevalence of a Loss-of Function Mutation in the Proton-Coupled Folate Transporter Gene (PCFT-SLC46A1) Causing Hereditary Folate Malabsorption in Puerto Rico." *The Journal of pediatrics*, 159(4), 623-627.
30. **Roth M**, **Morrone K**, Moody K, Kim M, Wang D, Moadel A, Levy A, 2011, "Career Burnout Among Pediatric Oncologists," *Pediatr Blood Cancer*. 57: 1168-73
31. **Mahadeo KM**, Diop-Bove, N Shin, D, Unal E, Teo J, Zhao R, & Goldman, ID, 2010, "Properties of the Arg376 residue of the proton-coupled folate transporter (PCFT-SLC46A1) and a glutamine mutant causing hereditary folate malabsorption." *American Journal of Physiology-Cell Physiology*, 299(5), C1153-C1161.
32. **Mahadeo KM**, Cole PD, 2010, "Successful treatment using omacetaxine for a patient with CML and BCR-ABL1 35INS," *Blood*. 115(18):3852-3852.