Aflac Cancer Center and Blood Disorders Service
Emory University / Children's Healthcare of Atlanta

Faculty Publications
January - December 2010
(N = 120)

Peer-Reviewed (N = 116)

1. Abouantoun TJ, **Castellino RC**, **MacDonald TJ**. Sunitinib induces PTEN expression and inhibits PDGFR signaling and migration of medulloblastoma cells. *J Neurooncol* 2010. [Epub ahead of print.] PMID: 20524040 [PubMed – in process] PMCID: PMMC2997175.

2. **Aguilera D,** Tomita T, Goldman S, Fangusaro J. Incidental resolution of radiation induced Cavernous Hemangioma (RICH) of the brain following the use of bevacizumab in a child with recurrent medulloblastoma. Pediatr Neurosurg. 2010;46(4):303-7. Epub 2010 Dec 30.PMID: 21196797

3. **Aguilera D**, Goldman S, Fangusaro F. Bevacizumab and Irinotecan in the treatment of children with recurrent /refractory medulloblastoma. *Pediatr Blood Cancer* 2010; 9999:1-4.

4. **Aguilera DA**, **Mazewski C**, Schniederjan MJ, Boydston W, **MacDonald TJ**. Neurofibromatosis-2 and spinal cord ependymomas: Report of 2 cases and review of the literature. *Childs Nerv Syst* 2010. [Epub ahead of print] PMID: 21132433.

5. August KJ, **Chiang KY**, Bostick RM, Flanders WE, Waller EK, Langston A, Worthington-White D, Rowland P, Moore KF, Khoury and **Horan JT**. Biomarkers of immune activation to screen for severe, acute GVHD. *Bone Marrow Transplant* 2010 July 12:doi:10.1038/bmt.2010.165.

6. August KJ, Dalton A, **Katzenstein HM, George B, Olson TA, Wasilewski-Masker K, Rapkin LB**. The use of zoledronic acid in pediatric cancer patients. *Pediatr Blood Cancer*. 2010 Dec 23. [Epub ahead of print]

7. Ballas, SK, Lieff S, Benjamin, LJ, **Dampier, CD**, Heeney, MM, Hoppe, C, Johnson, CS, Rogers, ZR, Smith-Whitley, K, Wang, WC, Telen, MJ, on behalf of the Investigators at the Comprehensive Sickle Cell Centers. Definitions of the Phenotypic Manifestations of Sickle Cell Disease. *Amer J Hematol 2010;* 85:6-13.

8. Beauchamp EM, Ringer L, Sajwan KP, Hall MD, Peaceman D, Ozdemirli M, Rodriguez O, **MacDonald TJ**, Albanese C, Toretsky JA, Oren A. Arsenic Trioxide inhibits childhood cancer growth by blocking Hedgehog/GLI pathway. *J Clin Invest* 2010 [Epub ahead of print.] doi:10.1172/JCI42874.

9. Becher OJ, Hambardzumyan D, Walker T, Nazarian J, Albrecht S, Huse JT, Jabado N, **MacDonald TJ**, Holland EC. (2010) Preclinical evaluation of radiation and perifosine in a genetically and histologically accurate model of brainstem glioma. *Cancer Res* 2010;70:2548-57.

10. Bhatti P, Veiga LH, Ronckers CM, Sigurdson AJ, Stovall M, Smith SA, Weathers R, Leisenring W, **Mertens AC**, Hammond S, Friedman DL, Neglia JP, Meadows AT, Donaldson SS, Sklar CA, Robison LL, Inskip PD. Risk of second primary thyroid cancer after radiotherapy for a childhood cancer in a large cohort study: an update from the childhood cancer survivor study. *Radiat Res.* 2010;174:741-52.

11. Blajchman MA, Glynn SA, **Josephson CD**, Kleinman SH. Clinical Trial Opportunities in Transfusion Medicine: Proceedings of an NHLBI State-Of-The-Science Symposium. *Transfus Med Rev* 2010;4:259-285.

12. Bouchentouf M, Paradis P, Forner KA, Cuerquis J, Boivin MN, Zheng J, Boulassel MR, Routy JP, Schiffrin EL, **Galipeau J**. Monocyte derivatives promote angiogenesis and myocyte survival in a model of myocardial infarction. *Cell Transplant.* 2010;19(4):369-86.

13. Bouchentouf M; Forner KA; Cuerquis J; Michaud V; Zheng J; Paradis P; Boulassel MR; Routy J.P.; Schiffrin EL and **Galipeau J**. Induction of cardiac angiogenesis requires KLRG1 and A4B7 integrin expression by NK cells. *J Immunol*. 2010 Dec 1;185(11):7014-7025.

14. **Castellino RC**, Barwick BG, Schniederjan M, Buss MC, Becher O, Hambardzumyan D, **MacDonald TJ**, Brat DJ, Durden DL. Heterozygosity for *Pten* promotes tumorigenesis in a mouse model of medulloblastoma. *PLoS One* 5:e10849, 2010. PMCID2877103.

15. **Dampier, CD**, Lieff, S, LeBeau, P, Rhee, S, McMurray, M, Rogers, Z, Smith-Whitley, K, Wang, W, and the Comprehensive Sickle Cell Centers (CSCC) Clinical Trial Consortium (CTC) Site Investigators. Health-related Quality of Life in Children with Sickle Cell Disease: A Report from the Comprehensive Sickle Cell Centers Clinical Trial Consortium". *Pediatr Blood Cancer* 2010; 55: 484-494.

16. Daniel, LC, Grant, M, Kothare, SV, **Dampier, C**, & Barakat, LP., Sleep Patterns in Pediatric Sickle Cell Disease. *Pediatric Blood and Cancer* 2010;55: 501-507.

17. Darlington PJ, Boivin MN, Renoux C, François M, **Galipeau J**, Freedman MS, Atkins HL, Cohen JA, Solchaga L, Bar-Or A. Reciprocal Th1 and Th17 regulation by mesenchymal stem cells: Implication for multiple sclerosis. *Ann Neurol*. 2010 Oct;68(4):540-5.

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19. Dasgupta A, McCarty D, **Spencer HT**. Engineered drug-resistant immunocompetent cells enhance tumor cell killing during a chemotherapy challenge. *Biochem Biophys Res Commun*. 2010;391:170-5.

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22. **Dunn AL**., Cox Gill J. “Adenotonsillectomy in Patients with Desmopressin Responsive Mild Bleeding Disorders: A Review of the Literature” *Haemophilia* 2010;16:711-716.

23. **Dunn AL**. “Malignancy in Patients with Hemophilia: A Review of the Literature” *Haemophilia* 2010;16:427-436.

24. Fangusaro J, Van Den Berghe C, Tomita T, Rajaram V, **Aguilera D**, Goldman S. Evaluating the Incidence of Microspcopic Metastatic Dissemination and Evaluating the Utility of Lumbar Cerebro-Spinal Fluid (CSF) Samples in Children with Newly Diagnosed Intracranial Ependymoma: The Chicago Children’s Memorial Experience. J Neurooncol. 2010 Nov 1. [Epub ahead of print] PMID: 21038109

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26. Friedbichler K, Kerenyi MA, Kovacic B, Li G, Hoelbl A, Yahiaoui S, Sexl V, Mullner EW, Beug H, Gouilleux F, **Bunting KD**, Moriggl R. Stat5a serine 725 and 779 phosphorylation is a prerequisite for hematopoietic transformation. *Blood* 2010;116:1548-1558.

27. Friedman DL, Whitton J, Leisenring W, **Mertens AC**, Hammond S, Stovall M, Donaldson SS, Meadows AT, Robison LL, Neglia JP: Subsequent neoplasms in 5-year survivors of childhood cancer: the Childhood Cancer Survivor Study. *J Natl Cancer Inst 2010;*102:1083-95.

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31. Gilson CR, Cadwell CM, Smith NH, **Hendrickson JE**, **Zimring JC**. MHC II on transfused murine blood is not required for alloimmunization against MHC I. *Vox Sang.* 2010;99:369-74.

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39. Johnston DL, Alonzo TA, Gerbing RB, Lange BJ, and **Woods WG**. The Presence of Central Nervous System Disease at Diagnosis in Pediatric Acute Myeloid Leukemia Does Not Affect Survival: A Children's Oncology Group Study. *Pediatr Blood Cancer* 2010;55:414-420.

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