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

Faculty Publications
January - December 2008
(N = 64)

Peer-Reviewed (N = 58)

1. Abramowsky CR, **Katzenstein H**, **Alvarado C**, Shehata B. Anaplastic Large Cell Neuroblastoma. *Pediatr Dev Pathol*. 2008;1.

2. **Abshire T**, Kenet G. Safety update on the use of recombinant factor VIIa and the treatment of congenital and acquired deficiency of factor VIII or IX with inhibitors. *Haemophilia*. 2008;14:898-902.

3. Anderson A, Martens C, Hendrix R, Stempora L, Miller W, Hamby K, Russell M, Strobert E, Blazar BR, Pearson TC, Larsen CJP, and **Kean LS.** Expanded Non-human Primate Tregs Exhibit A Unique Gene Expression Signature and Potently Downregulate Allo-immune Responses. *Am J. Transplant* 2008;8:2252-2264.

4. **Archer DR**, Stiles JK, Newman GW, Quarshie A, Hsu LL, Sayavongsa S, Perry J, Jackson E and. Hibbert JM. A high protein diet alters inflammatory protein expression in transgenic sickle cell mice. *Journal of Nutrition* 2008;138:1148-52.

5. Barakat, LP, Daniel, LC, Patterson, CA, **Dampier, C**. Quality of Life among Adolescents with Sickle Cell Disease: Mediation of Pain by Internalizing Symptoms and Parenting Stress. *Health and Qual Life Outcomes*. 2008;6:60-9.

6. **Bennett CM**, Boye E, Neufeld EJ._Female monozygotic twins discordant for hemophilia A due to nonrandom X-chromosome inactivation. *Am J Hematol*. 2008;83:778-80.

7. Bluhm EC, Ronckers C, Hayashi RJ, Neglia JP, **Mertens AC**, Meadows AT, Mitby PA, Stovall M, Robison LL, Inskip PD. Cause-specific mortality and second cancer incidence after non-Hodgkin lymphoma: a report from the Childhood Cancer Survivor Study. *Blood*. 2008;111:4014-21.

8. **Castellino RC**, De Bortoli M, Lu X, Moon SH, Nguyen T, Shepard MA, Rao PH, Donehower LA, Kim JY. Medulloblastomas overexpress the p53-inactivating oncogene *WIP1*/*PPM1D*. *J Neuro-oncol* 2008;86:245-56.

9. Castellino SM, Alonzo TZ, Buxton A, Gold S, Lange BJ, **Woods WG**. Outcomes in childhood AML in the absence of transplantation in first remission - Children's Cancer Group (CCG) studies 2891 and CCG 213. *Pediatr Blood Cancer*. 2008;50:9-16.

10. Crosswell HE, **Bergsagel DJ**, Yost R, **Lew G**. Successful treatment with modified CHOP-rituximab in pediatric AIDS-related advanced stage Burkitt lymphoma. *Pediatr Blood Cancer*. 2008;50:883-5.

11. Culler EE, Hillyer CD, **Haight AE**, Castillejo MI, **Josephson CD**. CD36 immunization in a patient undergoing hematopoietic stem cell transplantation. *Pediatr Blood Cancer 2008;*50:660-662.

12. Dey, N., Crosswell, H., De. P., Su, J D., Parsons, R., and **Durden, D.L**. PTENs protein phosphatase activity regulates Src family kinases and controls glioma migration. *Cancer Res*.2008;68:862.

13. Dinu I, Liu Y, Leisenring W, **Mertens AC**, Neglia JP, Hammond S, Robison LL, Yasui Y. Prediction of Second Malignant Neoplasm Incidence in A Large Cohort of Long-Term Survivors of Childhood Cancers. *Pediatr Blood Cancer.* 2008;50:1026-31.

14. Doria AS, Lundin B, Miller S, Kilcoyne RF (in memoriam), Thomas S, **Dunn A**, Rivard GE, Babyn PS. Reliability and construct validity of the compatible MRI scorring system for evaluation of hemophilic elbows in children. *Haemophilia* 2008;14:303-14.

15. **Dunn AL**, **Abshire TC**. Recombinant tissue plasminogen activator may reduce frequency of central venous access device infection in hemophilia patients undergoing immune tolerance therapy. *Ped Blood Cancer,* 2008;50:627-29.

16. Fang J, **Gu L**, Zhu N, Tang H, **Alvarado CS** and **Zhou M**. Tissue Factor/FVIIa Activates Bcl-2 and Prevents Doxorubicin-Induced Apoptosis in Neuroblastoma Cells. BMC *Cancer* 2008;8:69-80.

17. Frazier AL, Rumcheva P, **Olson T**, Giller R, Cushing B, Cullen J, Marina N, London WB. Application of Adult International Germ Cell Classification to Peditric Malignant Non-Seminomatous Germ Cell Tumors. A report from The Children's Oncology Group. *Pediatric Blood and Cancer* 2008;50:746-51.

18. Garlich JR, De P, Dey N, Su JD, Peng X, Miller A, Murali R, Lu Y, Mills GB, Kundra V, Shu HK, Peng Q, **Durden DL**. A vascular targeted pan phosphoinositide 3-kinase inhibitor prodrug, SF1126, with antitumor and antiangiogenic activity. *Cancer Res* 2008;68:206-215.

19. Garmey EG, Liu Q, Sklar CA, **Meacham LR**, **Mertens AC**, Stoval M, Yasui Y, Robison LL and Oeffinger KO. .Longitudinal Changes in Obesity and Body Mass Index (BMI) Adult Survivors of Childhood Acute Lymphobalstic Leukemia (ALL): A report from the Childhood Cancer Survivor Study. J *Clin Oncol* 2008;26:4639-45.

20. **Gu L**, Zhu N, **Findley HW** and **Zhou M**. The MDM2 antagonist nutlin-3 is a potent inducer of apoptosis in pediatric acute lymphoblastic leukemia cells with wild-type p53 and overexpression of MDM2. *Leukemia* 2008;22:730-39.

21. Hahn T, McCarthy PL, Zhang M-J, Wang D, Arora M, Frangoul HA, Gale RP, Hale GA, **Horan JT**, Isola L, Maziarz RT, van Rood J, Gupta V, Halter J, Reddy V, Tiberghien P, Litzow M, Anasetti C, Pavletic S, and Ringden O. Risk factors for acute graft-versus-host disease after HLA-identical sibling transplants for adults with leukemia. *J Clin Oncol 2008*;26:5728-34.

22. **Hendrickson, JE,** Roback, JD, Hillyer, CD, et al. Discrete Toll like Receptor Agonists have Differential Effects on Alloimmunization to Transfused Red Blood Cells. *Transfusion* 2008;48:1869-77.

23. **Horan JT**, Alonzo TA, Lyman GH, Gerbing RB, Lange BJ, Ravindranath Y, Becton D, Smith FO, **Woods WG**. Impact of Disease Risk on Efficacy of Matched Related Bone Marrow Transplantation for Pediatric Acute Myeloid Leukemia: The Children's Oncology Group. *J Clin Oncol 2008*;26:5797-801.

24. **Jobe SM**, Silson KM, Molkentin JD, Lentz SR, Di Paola J. Critical role for the mitochondrial permeability transition pore (MPTP) and cyclophilin D in platelet activation and thrombosis. *Blood* 2008;111:1257-65.

25. Kadan-Lottick NS, Dinu I, **Wasilewski-Masker K**, Kaste SC, **Meacham L**, Mahajan A, Stovall M, Yasui Y, Robison LL, Sklar CA. Osteonecrosis in Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*. 2008;26:3038-45.

26. Kaleyias, J., Mostofi, N., Grant, M., Coleman, C., Luck, L., **Dampier, C**., Kothare, SV. Severity of Obstructive Sleep Apnea in Children with Sickle Cell Disease Suspicious of Sleep Disordered Breathing. *J Pediatr Hematol Oncol* 2008;30:659–65.

27. King JA, Shevde LA, **Ofori-Acquah S**, Watkins G, Jiang WG. Is N-cadherin expression important in ductal carcinoma? *South Med J.* 2008;101:470-5.

28. Krishnan, S., Siegel, J., Pullen, G., Hevelow, M., **Dampier, C.**, Stuart, M. Increased von Willebrand Factor Antigen and High Molecular Weight Multimers in Sickle Cell Disease Associated with Nocturnal Hypoxemia. *Thromb Res* 2008;122, 455–58.

29. Li J, Xing M, Zhu M, Wang X, Wang M, Zhou S, Li N, Wu R and **Zhou M**. Glycogen synthase kinase 3β induces apoptosis in cancer cells through increase of survivin nuclear localization. *Cancer Letter* 2008;272:91-101.

30. Lown EA, Goldsby R, **Mertens AC**, Greenfield T, Bond J, Whitton J, Korcha R, Robison LL, Zeltzer LK. Alcohol Consumption Patterns and Risk Factors among Childhood Cancer Survivors Compared to Siblings and General Population Peers. *Addiction*. 2008;103:1139-48.

31. Malogolowkin MH, **Katzenstein HM**, Krailo MD, Chen Z, Reynolds M, and JA Ortega. Redefining the Role of Doxorubicin for the Treatment of Children with Hepatoblastoma. *J Clin Oncol.* 2008; 26(14):2379-83.

32. McDonald MW, Esiashvili N, **George BA**, **Katzenstein HM**, **Olson TA**, **Rapkin LB**, and Marcus RB. Intensity Modulated Radiation Therapy with Use of Cone-down Boost in Treatment of Pediatric Head and Neck Rhabdomyosarcoma. *Int J Radiat Oncol Biol Phys*. 2008;72:884-91.

33. **Meeks SL**, Healey JF, Parker ET, Barrow RT, and **Lollar P**. Non-classical anti-C2 domain antibodies are present in patients with factor VIII inhibitors. *Blood* 2008;112:1151-53.

34. **Meeks, SL** and **Abshire TC**. Abnormalities of Prothrombin: A Review of Pathophysiology, Diagnosis, and Treatment. *Hemophilia*. 2008, 14:1159-63.

35. **Mertens AC**, Liu Q, Neglia JP, **Wasilewski-Masker K**, Leisenring W, Armstrong GT, Robison LL, Yasui Y. Cause-Specific Late Mortality Among Five-Year Survivors of Childhood and Adolescent Cancer Diagnosed Between 1970-1986. A Report from the Childhood Cancer Survivor Study. *J Natl Cancer Inst.* 2008;100;1368-79.

36. **Mertens AC**, Sencer S, Myers CD, Recklitis C, Kadan-Lottick N, Whitton J, Marina N, Robison LL, Zeltzer L. Complementary and Alternative Therapy Use in Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*. 2008;50:90-97.

37. Mulrooney DA, Ness KK, Neglia JP, Whitton J, Green DM, Zeltzer LK, Robison LL, **Mertens AC**. Fatigue and Sleep Disturbance in Adult Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *Sleep*. 2008;231:271-81.

38. Mulrooney DA, Dover DC, Li S, Yasui Y, Ness KK, **Mertens AC**, Neglia JP, Sklar CA, Robison LL, Davies SM. Twenty Years of Follow-Up Among Survivors of Childhood and Young Adult Acute Myeloid Leukemia (AML): A Report from the Childhood Cancer Survivor Study. *Cancer*. 2008;112:2071-9.

39. Nandagopoli R, Lavadiere C Mulrooney, D, Hudson M, and **Meacham LR.** Mini-Review: Endocrine Late Effects of Childhood Cancer Therapy: a report from the Children's Oncology Group. *Horm Res* 2008;69:65-74.

40. Nathan PC, Greenberg ML, Ness KK, Hudson MM, **Mertens AC**, Mahoney MC, Gurney JG, Donaldson SS, Leisenring WM, Robison LL, Oeffinger KC. Medical Care in Long-Term Survivors of Childhood Cancer: A Report from the Childhood Cancer Survivor Study. *J Clin Oncol*. 2008;26:4401-09.

41. Ness KK, Gurney JG, Zeltzer LK, Leisenring W, Mulrooney DA, Nathan PC, Robison LL, **Mertens AC**. The impact of limitations in physical, executive and emotional function on health-related quality of life among adult survivors of childhood cancer: a report from the Childhood Cancer Survivor Study. *Archives of Physical Medicine and Rehabilitation* 2008;89:128-36.

42. Neunert CE, Buchanan GR, Imbach P, Bolton-Maggs PH, **Bennett CM**, Neufeld EJ, Vesely SK, Adix L, Blanchette VS, Kuhne T. Severe hemorrhage in children with newly diagnosed immune thrombocytopenic purpura. *Blood*. 2008;112:4003-8.

43. New HV, Standworth SJ, Engelfriet, CP, Reesink HW, McQuilten ZK, Savoia HF, Wood EM, Olyntho S, Trigo F, Wendel, S, Lin Y, Hume H, Petaja J, Krusius T, Villa S, Ghirardello S, **Hendrickson J**, **Josephson CD**, von NLC, Paul W. Neonatal transfusions. International Forum. *Vox Sanguinis*; 2008;14:23-0410.

44. **Ofori-Acquah SF**, King J, Voelkel N, Schaphorst KL, Stevens T. Heterogeneity of barrier function in the lung reflects diversity in endothelial cell junctions. *Microvasc Res*. 2008;75:391-402.

45. **Ofori-Acquah SF**, King JA. Activated leukocyte cell adhesion molecule: a new paradox in cancer. *Translational Research*. 2008;151:122-8.

46. Pang JWY, Friedman DL, Whitton JA, Stovall M, **Mertens AC**, Robison LL, Weiss NS: Employment Status Among Adult Survivors in the Childhood Cancer Survivor Study. *Pediatr Blood Cancer*. 2008;50:104-110.

47. Pentz RD, **Haight AE,** Noll RB, Barfield R, Pelletier W, Davies S, Alderfer MA, Hinds PS. The Ethical Justification for Minor Sibling Bone Marrow Donation: A Case Study. *The Oncologist* 2008;13:148-51.

48. Pepek JM, Paulino AC, **Briones MA**, Marcus RB Jr, Esiashvili N. Role of total skin electron beam therapy for leukemia cutis in pediatric patients. *Pediatr Blood Cancer* 2008;50:1054-55.

49. **Rapkin LB, Olson TA**, Durham MM, Wyly B, Shehata BM. Sentinel Lymph Node Biopsy in the Pediatric Population. *J Pediatr Surg*. 2008;43:2193-8.

50. Roman L, **Osunkwo I,** Militano O, Cooney E, van de Ven C, Cairo MS. *Liposomal amphotericin B prophylaxis of invasive mold infections in children post allogeneic stem cell transplantation. Pediatr Blood Cancer* 2008;50:325-30.

51. Stapler D., Lee ED, Slvaraj SA, Evans AG, **Kean LS**, Speck SH, Larsen CJP, GAngappa S. Expansion of Effector Memory TCR V□4+CD8+ T Cells Is Associated with Latent Infection-Mediated Resistance to Transplantation Tolerance. *J Immunol.* 2008;180:3190-3200.

52. Sung L, Alonzo T, Gerbing R, Aplenc R, Lange B, **Woods WG**, Feusner J, Franklin J, Patterson M, and Gamis A. Respiratory Syncytial Virus Infections in Children with Acute Myeloid Leukemia: A Report from the Children's Oncology Group. *Pediatr Blood Cancer 2008;51:784-86.*

53. Szlam F, Taketomi T, Sheppard CA, **Kempton CL**, Levy JH, Tanaka KA Antithrombin Affects Hemostatic Response to Recombinant Activated Factor VII in Factor VIII Deficient Plasma. *Anesth Analg* 2008;106:719-24.

54. **Wasilewski-Masker K**, Kaste SC, Hudson MH, Esiashvilli N, Mattano LA, **Meacham LR**. Bone Mineral Density Deficits in Survivors of Childhood Cancer: Long-Term Follow-Up Guidelines and Review of the Literature. *Pediatrics* 2008;121:705-13.

55. Zeltzer LK, Ness KK, Lu Q, Leisenring L, Tsao J, Recklitis C, Armstrong G, **Mertens AC**, Robison LL. Life satisfaction, emotional and physical quality of life in adult pediatric cancer survivors in the Childhood Cancer Survivor Study. *Cancer Epidemiol Biomarkers Prev*. 2008;17:435-46.

56. Zhang H, Yan D, Shi X, Liang H, Pang Y, Qin N, Chen H, Wang J, Yin B, Jiang X, Feng W, **Zhou M**, Li Z. Transmembrane TNF-α mediates 'forward' and 'reverse' signaling, inducing cell death or survival via the NF-κB pathway in Raji Burkitt lymphoma cells. *J Leuk Biol*, 2008;84:789-97.

57. Zhu N, **Gu L**, Li F and **Zhou M**. Inhibition of the Akt/survivin pathway synergizes the antileukemia effect of nutlin-3 in acute lymphoblastic leukemia cells. *Mol Cancer Ther* 2008;7:1101-09.

58. Zimring JC and **Hendrickson JE**. The Role of Inflammation in Alloimmunization to Antigens on Transfused RBCs. Current Opinion in *Hematology* 2008,15:631-635.

<u>Non-Peer Reviewed Publications (N = 6):</u>

1. **Abshire T**. Diagnostic difficulties in patients with acquired von Willebrand syndrome. *International Monitor on von Willebrand Disease* 2008;3:40-41.

2. **Abshire T**. Safety Update on Recombinant Factor VIIa in the Treatment of Congenital and Acquired Hemophilia. *Seminars in Hematology*. 2008 S3-S6.

3. **Abshire T**. Childhood ITP: can we venture below 20,000. *Blood*. 2008;15:3918-9.

4. **Dampier, C**. Pain in Sickle Cell Disease, in Pain in Children: A Practical Guide for Primary Care, Eds. GA Walco and KRR Goldschneider, Humana Press 2008.

5. **Josephson CD.** Neonatal and Pediatric Transfusion Practice. In: Roback J. Technical Manual. 16th ed. Bethesda, AABB Press, 2008;23:639-663.

6. Maris, John M; **Woods, WG**. Screening for Neuroblastoma: a resurrected idea? *The Lancet* 2008;371:1142-43.