

FY2008 Staff Publications

Anastasoae V, Kurzius L, **Forbes P**, Waisbren S. Stability of blood phenylalanine levels and IQ in children with phenylketonuria. *Mol Genet Metab* 2008; 95(1-2): 17-20.

Banerjee S, Bishop W, **Valim C**, Mahoney LB, **Lightdale JR**. Percutaneous liver biopsy practice patterns among pediatric gastroenterologists in North America. *J Pediatr Gastroenterol Nutr* 2007; 45(1): 84-89.

Bateman ST, Lacroix J, Boven K, **Forbes P**, Barton R, Thomas NJ, Jacobs B, Markovitz B, Goldstein B, Hanson JH, Li HA, Randolph AG. Anemia, blood loss, and blood transfusions in North American children in the intensive care unit. *Am J Respir Crit Care Med* 2008; 178(1): 26-33.

Bickeboller H, Goddard KA, Igo RP, Jr., Kraft P, Lozano JP, Pankratz N, Balavarca Y, Bardel C, Charoen P, Croiseau P, **Guo CY**, Joo J, Kohler K, Madsen A, Malzahn D, Monsees G, Sohns M, Ye Z. Issues in association mapping with high-density SNP data and diverse family structures. *Genet Epidemiol* 2007; 31 Suppl 1: S22-33.

Bourgeois FT, Porter SC, **Valim C**, Jackson T, Cook EF, Mandl KD. The value of patient self-report for disease surveillance. *J Am Med Inform Assoc* 2007; 14(6): 765-771.

Chen MH, Cui J, **Guo CY**, Cupples LA, Van Eerdewegh P, Dupuis J, Yang Q. Joint modeling of linkage and association using affected sib-pair data. *BMC Proc* 2007; 1 Suppl 1: S38.

Chirnomas SD, Geukes-Foppen M, Barry K, Braunstein J, **Kalish LA**, Neufeld EJ, Powell AJ. Practical implications of liver and heart iron load assessment by T2*-MRI in children and adults with transfusion-dependent anemias. *Am J Hematol* 2008; 83(10): 781-783.

Costello JM, Morrow DF, **Graham DA**, Potter-Bynoe G, Sandora TJ, Laussen PC. Systematic intervention to reduce central line-associated bloodstream infection rates in a pediatric cardiac intensive care unit. *Pediatrics* 2008; 121(5): 915-923.

Cupples LA, Arruda HT, Benjamin EJ, D'Agostino RB, Sr., Demissie S, DeStefano AL, Dupuis J, Falls KM, Fox CS, Gottlieb DJ, Govindaraju DR, **Guo CY**, Heard-Costa NL, Hwang SJ, Kathiresan S, Kiel DP, Laramie JM, Larson MG, Levy D, Liu CY, Lunetta KL, Mailman MD, Manning AK, Meigs JB, Murabito JM, Newton-Cheh C, O'Connor GT, O'Donnell CJ, Pandey M, Seshadri S, Vasan RS, Wang ZY, Wilk JB, Wolf PA, Yang Q, Atwood LD. The Framingham Heart Study 100K SNP genome-wide association study resource: overview of 17 phenotype working group reports. *BMC Med Genet* 2007; 8 Suppl 1: S1.

De Ferranti SD, **Osganian SK**. Epidemiology of paediatric metabolic syndrome and type 2 diabetes mellitus. *Diab Vasc Dis Res* 2007; 4(4): 285-296.

Diamond EL, Miller S, Dickerson BC, Atri A, DePeau K, Fenstermacher E, Pihlajamaki M, Celone K, Salisbury S, **Gregas M**, Rentz D, Sperling RA. Relationship of fMRI activation to clinical trial memory measures in Alzheimer disease. *Neurology* 2007; 69(13): 1331-1341.

Duro D, Bechard LJ, **Feldman HA**, Klykov A, O'Leary A, Guinan EC, **Duggan C**. Weekly measurements accurately represent trends in resting energy expenditure in children undergoing hematopoietic stem cell transplantation. *JPEN J Parenter Enteral Nutr* 2008; 32(4): 427-432.

Gordon CM, **Feldman HA**, Sinclair L, Williams AL, Kleinman PK, Perez-Rossello J, Cox JE. Prevalence of vitamin D deficiency among healthy infants and toddlers. *Arch Pediatr Adolesc Med* 2008; 162(6): 505-512.

Gordon CM, Williams AL, **Feldman HA**, May J, Sinclair L, Vasquez A, Cox JE. Treatment of hypovitaminosis D in infants and toddlers. *J Clin Endocrinol Metab* 2008; 93(7): 2716-2721.

Gryllos I, Grifantini R, Colaprico A, Cary ME, Hakansson A, Carey DW, Suarez-Chavez M, **Kalish LA**, **Mitchell PD**, White GL, Wessels MR. PerR confers phagocytic killing resistance and allows pharyngeal colonization by group A Streptococcus. *PLoS Pathog* 2008; 4(9): e1000145.

Guo CY, Cupples LA, Yang Q. Testing informative missingness in genetic studies using case-parent triads. *Eur J Hum Genet* 2008; 16(8): 992-1001.

Guo CY, Lunetta KL, Destefano AL, Cupples LA. Combined haplotype relative risk (CHRR): a general and simple genetic association test that combines trios and unrelated case-controls. *Genet Epidemiol* 2008; 33(1): 54-62.

Guo CY, Lunetta KL, DeStefano AL, Ordovas JM, Cupples LA. Informative-transmission disequilibrium test (i-TDT): combined linkage and association mapping that includes unaffected offspring as well as affected offspring. *Genet Epidemiol* 2007; 31(2): 115-133.

Guo CY. The impact of complex informative missingness on the validity of the transmission/disequilibrium test (TDT). *BMC Proc* 2007; 1 Suppl 1: S26.

Gura KM, Lee S, **Valim C**, Zhou J, Kim S, Modi BP, Arsenault DA, Strijbosch RA, Lopes S, **Duggan C**, Puder M. Safety and efficacy of a fish-oil-based fat emulsion in the treatment of parenteral nutrition-associated liver disease. *Pediatrics* 2008; 121(3): e678-686.

Haagensen AL, **Feldman HA**, Ringelheim J, Gordon CM. Low prevalence of vitamin D deficiency among adolescents with anorexia nervosa. *Osteoporos Int* 2008; 19(3): 289-294.

Johnson KA, **Gregas M**, Becker JA, Kinnecom C, Salat DH, Moran EK, Smith EE, Rosand J, Rentz DM, Klunk WE, Mathis CA, Price JC, Dekosky ST, Fischman AJ, Greenberg SM. Imaging of amyloid burden and distribution in cerebral amyloid angiopathy. *Ann Neurol* 2007; 62(3): 229-234.

Kalish LA. Methodological weaknesses in concluding that "small for gestational age" is an independent risk factor for parenteral nutrition-associated cholestasis. *J Pediatr* 2008; 153(1): 149; author reply 149-150.

Larson MG, Atwood LD, Benjamin EJ, Cupples LA, D'Agostino RB, Sr., Fox CS, Govindaraju DR, **Guo CY**, Heard-Costa NL, Hwang SJ, Murabito JM, Newton-Cheh C, O'Donnell CJ, Seshadri S, Vasan RS, Wang TJ, Wolf PA, Levy D. Framingham Heart Study 100K project: genome-wide associations for cardiovascular disease outcomes. *BMC Med Genet* 2007; 8 Suppl 1: S5.

LeBovidge JS, Timmons K, Rich C, Rosenstock A, Fowler K, Strauch H, **Kalish LA**, Schneider LC. Evaluation of a group intervention for children with food allergy and their parents. *Ann Allergy Asthma Immunol* 2008; 101(2): 160-165.

Levine D, **Feldman HA**, Tannus JF, Estroff JA, Magnino M, Robson CD, Poussaint TY, Barnewolt CE, Mehta TS, Robertson RL. Frequency and cause of disagreements in diagnoses for fetuses referred for ventriculomegaly. *Radiology* 2008; 247(2): 516-527.

Levy H, **Kalish LA**, Cannon CL, Garcia KC, Gerard C, Goldmann D, Pier GB, Weiss ST, Colin AA. Predictors of mucoid *Pseudomonas* colonization in cystic fibrosis patients. *Pediatr Pulmonol* 2008; 43(5): 463-471.

Levy H, **Kalish LA**, Huntington I, Weller N, Gerard C, Silverman EK, Celedon JC, Pier GB, Weiss ST. Inflammatory markers of lung disease in adult patients with cystic fibrosis. *Pediatr Pulmonol* 2007; 42(3): 256-262.

Licameli G, **Johnston P**, Luz J, Daley J, Kenna M. Phosphorylcholine-coated antibiotic tympanostomy tubes: are post-tube placement complications reduced? *Int J Pediatr Otorhinolaryngol* 2008; 72(9): 1323-1328.

Lightdale JR, **Valim C**, Newburg AR, Mahoney LB, Zgleszewski S, Fox VL. Efficiency of propofol versus midazolam and fentanyl sedation at a pediatric teaching hospital: a prospective study. *Gastrointest Endosc* 2008; 67(7): 1067-1075.

Limperopoulos C, Bassan H, **Kalish LA**, Ringer SA, Eichenwald EC, Walter G, Moore M, Vanasse M, DiSalvo DN, Soul JS, Volpe JJ, du Plessis AJ. Current definitions of hypotension do not predict abnormal cranial ultrasound findings in preterm infants. *Pediatrics* 2007; 120(5): 966-977.

Lunetta KL, D'Agostino RB, Sr., Karasik D, Benjamin EJ, **Guo CY**, Govindaraju R, Kiel DP, Kelly-Hayes M, Massaro JM, Pencina MJ, Seshadri S, Murabito JM. Genetic correlates of longevity and selected age-related phenotypes: a genome-wide association study in the Framingham Study. *BMC Med Genet* 2007; 8 Suppl 1: S13.

Mitchell GF, **Guo CY**, Benjamin EJ, Larson MG, Keyes MJ, Vita JA, Vasani RS, Levy D. Cross-sectional correlates of increased aortic stiffness in the community: the Framingham Heart Study. *Circulation* 2007; 115(20): 2628-2636.

Mitchell GF, **Guo CY**, Kathiresan S, Vasani RS, Larson MG, Vita JA, Keyes MJ, Vyas M, Newton-Cheh C, Musone SL, Camargo AL, Drake JA, Levy D, O'Donnell CJ, Hirschhorn JN, Benjamin EJ. Vascular stiffness and genetic variation at the endothelial nitric oxide synthase locus: the Framingham Heart study. *Hypertension* 2007; 49(6): 1285-1290.

Modi BP, Langer M, Ching YA, **Valim C**, Waterford SD, Iglesias J, Duro D, Lo C, Jaksic T, **Duggan C**. Improved survival in a multidisciplinary short bowel syndrome program. *J Pediatr Surg* 2008; 43(1): 20-24.

Mooij CF, de Wit CJ, **Graham DA**, Powell AJ, Geva T. Reproducibility of MRI measurements of right ventricular size and function in patients with normal and dilated ventricles. *J Magn Reson Imaging* 2008; 28(1): 67-73.

Moss RL, **Kalish LA**, **Duggan C**, **Johnston P**, Brandt ML, Dunn JC, Ehrenkranz RA, Jaksic T, Nobuhara K, Simpson BJ, McCarthy MC, Sylvester KG. Clinical parameters do not adequately predict outcome in necrotizing enterocolitis: a multi-institutional study. *J Perinatol* 2008; 28(10): 665-674.

Mrakotsky C, Masek B, Biederman J, Raches D, Hsin O, **Forbes P**, de Moor C, DeMaso DR, Gonzalez-Heydrich J. Prospective open-label pilot trial of mirtazapine in children and adolescents with social phobia. *J Anxiety Disord* 2008; 22(1): 88-97.

Mulkern RV, **Forbes P**, Dewey K, **Osganian S**, Clark M, Wong S, Ramamurthy U, Kun L, Poussaint TY. Establishment and results of a magnetic resonance quality assurance program for the pediatric brain tumor consortium. *Acad Radiol* 2008; 15(9): 1099-1110.

Newton-Cheh C, **Guo CY**, Gona P, Larson MG, Benjamin EJ, Wang TJ, Kathiresan S, O'Donnell CJ, Musone SL, Camargo AL, Drake JA, Levy D, Hirschhorn JN, Vasani RS. Clinical and genetic correlates of aldosterone-to-renin ratio and relations to blood pressure in a community sample. *Hypertension* 2007; 49(4): 846-856.

Newton-Cheh C, **Guo CY**, Larson MG, Musone SL, Surti A, Camargo AL, Drake JA, Benjamin EJ, Levy D, D'Agostino RB, Sr., Hirschhorn JN, O'Donnell C J. Common genetic variation in KCNH2 is associated with QT interval duration: the Framingham Heart Study. *Circulation* 2007; 116(10): 1128-1136.

Newton-Cheh C, **Guo CY**, Wang TJ, O'Donnell C J, Levy D, Larson MG. Genome-wide association study of electrocardiographic and heart rate variability traits: the Framingham Heart Study. *BMC Med Genet* 2007; 8 Suppl 1: S7.

Porter SC, Kaushal R, **Forbes PW**, Goldmann D, **Kalish LA**. Impact of a patient-centered technology on medication errors during pediatric emergency care. *Ambul Pediatr* 2008; 8(5): 329-335.

Poussaint TY, Phillips PC, Vajapeyam S, Fahey FH, Robertson RL, **Osganian S**, Ramamurthy U, Mulkern RV, Treves ST, Boyett JM, Kun LE. The Neuroimaging Center of the Pediatric Brain Tumor Consortium-collaborative neuroimaging in pediatric brain tumor research: a work in progress. *AJNR Am J Neuroradiol* 2007; 28(4): 603-607.

Reller ME, Tauxe RV, **Kalish LA**, Molbak K. Excess salmonellosis in women in the United States: 1968-2000. *Epidemiol Infect* 2008; 136(8): 1109-1117.

Sawicki GS, Lu FL, **Valim C**, Cleveland RH, Colin AA. Necrotising pneumonia is an increasingly detected complication of pneumonia in children. *Eur Respir J* 2008; 31(6): 1285-1291.

Selamet Tierney ES, **Graham DA**, McElhinney DB, Trevey S, Freed MD, Colan SD, Geva T. Echocardiographic predictors of mitral stenosis-related death or intervention in infants. *Am Heart J* 2008; 156(2): 384-390.

Soriano BD, Hoch M, Ithuralde A, Geva T, Powell AJ, Kussman BD, **Graham DA**, Tworetzky W, Marx GR. Matrix-array 3-dimensional echocardiographic assessment of volumes, mass, and ejection fraction in young pediatric patients with a functional single ventricle: a comparison study with cardiac magnetic resonance. *Circulation* 2008; 117(14): 1842-1848.

Thakore AH, **Guo CY**, Larson MG, Corey D, Wang TJ, Vasan RS, D'Agostino RB, Sr., Lipinska I, Keaney JF, Jr., Benjamin EJ, O'Donnell CJ. Association of multiple inflammatory markers with carotid intimal medial thickness and stenosis (from the Framingham Heart Study). *Am J Cardiol* 2007; 99(11): 1598-1602.

Valim C, Mezzetti M, Maguire J, Urdaneta M, Wypij D. Estimation of vaccine efficacy in a repeated measures study under heterogeneity of exposure or susceptibility to infection. *Philos Transact A Math Phys Eng Sci* 2008; 366(1874): 2347-2360.

Wang TJ, Larson MG, Benjamin EJ, Siwik DA, Safa R, **Guo CY**, Corey D, Sundstrom J, Sawyer DB, Colucci WS, Vasan RS. Clinical and echocardiographic correlates of plasma procollagen type III amino-terminal peptide levels in the community. *Am Heart J* 2007; 154(2): 291-297.