

Kertai MD, Qi W, Li YJ, Lombard FW, Liu Y, Smith MP, Stafford-Smith M, Newman MF, Milano CA, Mathew JP, Podgoreanu MV; Duke Perioperative Genetics and Safety Outcomes (PEGASUS) Investigative Team. "Gene signatures of postoperative atrial fibrillation in atrial tissue after coronary artery bypass grafting surgery in patients receiving β -blockers." *J Mol Cell Cardiol.* 2016 Mar;92:109-15.

Singh, A., Babyak, M. A., Brummett, B. H., Jiang, R., Watkins, L. L., Barefoot, J. C., Kraus, W. E., Shah, S. H., Siegler, I. C., Hauser, E. R. and Williams, R. B. (2015), Computing a Synthetic Chronic Psychosocial Stress Measurement in Multiple Datasets and its Application in the Replication of $G \times E$ Interactions of the *EBF1* Gene. *Genet. Epidemiol.*, 39: 489–497. doi: 10.1002/gepi.21910

Ashley-Koch AE, Garrett ME, Gibson J, Liu Y, Dennis MF, Kimbrel NA; Veterans Affairs Mid-Atlantic Mental Illness Research, Education, and Clinical Center Workgroup, Beckham JC, Hauser MA. "Genome-wide association study of posttraumatic stress disorder in a cohort of Iraq-Afghanistan era veterans." *J Affect Disord.* 2015 Sep 15;184:225-34.

Ambalavanan N, Cotten CM, Page GP, Carlo WA, Murray JC, Bhattacharya S, Mariani TJ, Cuna AC, Faye-Petersen OM, Kelly D, Higgins RD on behalf of the Genomics and Cytokine Subcommittees of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network. "Integrated Genomic Analyses in Bronchopulmonary Dysplasia." *J Pediatr* 2015; 166(3):531-7.

Ment LR, Aden U, Bauer CR, Bada HS, Carlo WA, Kaiser JR, Lin A, Cotten CM, Murray J, Page G, Hallman M, Lifton RP, Zhang H, and on behalf of the Gene Targets for IVH Study Group and Neonatal Research Network. "Genes and environment in intraventricular hemorrhage." *Genetic Basis of Neonatal Disorders, Seminars in Perinatology* 2015;39:592-603.

Gbadegesin RA, Hall G, Adeyemo A, Hanke N, Tossidou I, Burchette J, Wu G, Homstad A, Sparks MA, Gomez J, Jiang R, Alonso A, Lavin P, Conlon P, Korstanje R, Stander MC, Shamsan G, Barua M, Spurney R, Singhal PC, Kopp JB, Haller H, Howell D, Pollak MR, Shaw AS, Schiffer M, Winn MP. "Mutations in the Gene That Encodes the F-Actin Binding Protein Anillin Cause FSGS." *J Am Soc Nephrol.* 2014 Mar 27.

Liu Y, Garrett ME, Yaspan BL, Bailey JC, Loomis SJ, Brilliant M, Budenz DL, Christen WG, Fingert JH, Gaasterland D, Gaasterland T, Kang JH, Lee RK, Lichter P, Moroi SE, Realini A, Richards JE, Schuman JS, Scott WK, Singh K, Sit AJ, Vollrath D, Weinreb R, Wollstein G, Zack DJ, Zhang K, Pericak-Vance MA, Haines JL, Pasquale LR, Wiggs JL, Allingham RR, Ashley-Koch AE, Hauser MA. "DNA copy number variants of

known glaucoma genes in relation to primary open-angle glaucoma.” Invest Ophthalmol Vis Sci. 2014 Nov 20;55(12):8251-8.

Hartnett ME, Morrison MA, Smith S, Yanovitch TL, Young TL, Colaizy T, Momany A, Dagle J, Carlo WA, Clark EA, Page GP, Murray J, DeAngelis MM, Cotten CM. “Genetic Variants Associated with Severe Retinopathy of Prematurity in Extremely Low Birth Weight Infants.” Invest Ophthalmol Vis Sci. 2014;

Smith CT, Sierra Y, Oppler HS, Boettiger CA. “Ovarian Cycle Effects on Immediate Reward Selection Bias in humans: a role for estradiol.” J Neurosci 2014; 34:5468-5476.

Swift-Scanlan T, Smith CT, Bardowell SA, Boettiger CA. “Comprehensive interrogation of CpG islands in the gene encoding COMT, a key estrogen and catecholamine regulator.” BMC Medical Genomics 2014; 7:5.

Smith CT, Swift-Scanlan T, Boettiger CA. “Genetic polymorphisms regulating dopamine signaling in the frontal cortex interact to affect target detection under high working memory load.” J Cognitive Neurosci 2014; 26:395-407.

Kelm MK, Boettiger CA. “Effects of Acute Dopamine Precursor Depletion on Immediate Reward Selection Bias and Working Memory Depend on Catechol-O-methyltransferase Genotype.” J Cognitive Neurosci 2013; 12:2061-2071.

Fiuzat M, Neely ML, Starr AZ, Kraus WE, Felker GM, Donahue M, Adams K, Piña IL, Whellan D, O'Connor CM. “Association between adrenergic receptor genotypes and beta-blocker dose in heart failure patients: analysis from the HF-ACTION DNA substudy”. Eur J Heart Fail. 2013 Mar;15(3):258-66.

McWhinney-Glass S1, Winham SJ, Hertz DL, Yen Revollo J, Paul J, He Y, Brown R, Motsinger-Reif AA, McLeod HL; Scottish Gynaecological Clinical Trials Group. “Cumulative Genetic Risk Predicts Platinum/Taxane-Induced Neurotoxicity.” Clin Cancer Res. 2013 Oct 15;19(20):5769-76

Zhang J, Grubor V, Love CL, Banerjee A, Richards KL, Mieczkowski PA, Dunphy C, Choi W, Au WY, Srivastava G, Lugar PL, Rizzieri DA, Lagoo AS, Bernal-Mizrachi L, Mann KP, Flowers C, Naresh K, Evens A, Gordon LI, Czader M, Gill JI, Hsi ED, Liu Q, Fan A, Walsh K, Jima D, Smith LL, Johnson AJ, Byrd JC, Luftig MA, Ni T, Zhu J, Chadburn A, Levy S, Dunson D, Dave SS. "Genetic heterogeneity of diffuse large B-cell lymphoma." *Proc Natl Acad Sci U S A*. 2013 Jan 22;110(4):1398-403.

Gbadegesin RA, Brophy PD, Adeyemo A, Hall G, Gupta IR, Hains D, Bartkowiak B, Rabinovich CE, Chandrasekharappa S, Homstad A, Westreich K, Wu G, Liu Y, Holanda D, Clarke J, Lavin P, Selim A, Miller S, Wiener JS, Ross SS, Foreman J, Rotimi C, Winn MP. "TNXB mutations can cause vesicoureteral reflux." *J Am Soc Nephrol*. 2013 Jul;24(8):1313-22.

Smith CS, Boettiger CA. "Age modulates the effect of COMT genotype on delay discounting behavior." *Psychopharmacology* 2012; 222:609-617.

Akilesh S, Suleiman H, Yu H, Stander MC, Lavin P, Gbadegesin R, Antignac C, Pollak M, Kopp JB, Winn MP, Shaw AS. "Arhgap24 inactivates Rac1 in mouse podocytes, and a mutant form is associated with familial focal segmental glomerulosclerosis." *J Clin Invest*. 2011 Oct;121(10):4127-37.

Lachance DH, Yang P, Johnson DR, Decker PA, Kollmeyer TM, McCoy LS, Rice T, Xiao Y, Ali-Osman F, Wang F, Stoddard SM, Sprau DJ, Kosel ML, Wiencke JK, Wiemels JL, Patoka JS, Davis F, McCarthy B, Ryneerson AL, Worra JB, Fridley BL, O'Neill BP, Buckner JC, Il'yasova D, Jenkins RB, Wrensch MR. "Associations of high-grade glioma with glioma risk alleles and histories of allergy and smoking." *Am J Epidemiol*. 2011 Sep 1;174(5):574-81.

Crooks KR, Allingham RR, Qin X, Liu Y, Gibson JR, Santiago-Turla C, LaRocque-Abramson KR, Del Bono E, Challa P, Herndon LW, Akafo S, Wiggs JL, Schmidt S, Hauser MA. "Genome-wide linkage scan for primary open angle glaucoma: influences of ancestry and age at diagnosis." *PLoS One*. 2011;6(7):e21967.

Doherty JA, Rossing MA, Cushing-Haugen KL, Chen C, Van Den Berg DJ, Wu AH, Pike MC, Ness RB, Moysich K, Chenevix-Trench G, Beesley J, Webb PM, Chang-Claude J, Wang-Gohrke S, Goodman MT, Lurie G, Thompson PJ, Carney ME, Hogdall E, Kjaer SK, Hogdall C, Goode EL, Cunningham JM, Fridley BL, Vierkant RA, Berchuck A, Moorman PG, Schildkraut JM, Palmieri RT, Cramer DW, Terry KL, Yang HP, Garcia-Closas M, Chanock S, Lissowska J, Song H, Pharoah PD, Shah M, Perkins B, McGuire V, Whittemore AS, Di Cioccio RA, Gentry-Maharaj A, Menon U, Gayther SA, Ramus SJ, Ziogas A, Brewster W, Anton-Culver H; Australian Ovarian Cancer Study Management Group; Australian Cancer Study

(Ovarian Cancer), Pearce CL; Ovarian Cancer Association Consortium (OCAC). "ESR1/SYNE1 polymorphism and invasive epithelial ovarian cancer risk: an Ovarian Cancer Association Consortium study." *Cancer Epidemiol Biomarkers Prev.* 2010;19:245-50.

Gbadegesin R, Lavin P, Janssens L, Bartkowiak B, Homstad A, Wu G, Bowling B, Eckel J, Potocky C, Abbott D, Conlon P, Scott WK, Howell D, Hauser E, Winn MP. "A new locus for familial FSGS on chromosome 2p." *J Am Soc Nephrol.* 2010 Aug;21(8):1390-7.

Duncan CG, Killela PJ, Payne CA, Lampson B, Chen WC, Liu J, Solomon D, Waldman T, Towers AJ, Gregory SG, McDonald KL, McLendon RE, Bigner DD, Yan H, Killela P, Payne C, Lampson B, Chen W, Solomon D, Waldman T, Towers A, Gregory S, McDonald K, McLendon R, Bigner D, Yan H. "Integrated genomic analyses identify *ERRFI1* and *TACC3* as glioblastoma-targeted genes." *Oncotarget.* 2010 July; 1(4): 265-277.

Phelan CM, Tsai YY, Goode EL, Vierkant RA, Fridley BL, Beesley J, Chen XQ, Webb PM, Chanock S, Cramer DW, Moysich K, Edwards RP, Chang-Claude J, Garcia-Closas M, Yang H, Wang-Gohrke S, Hein R, Green AC, Lissowska J, Carney ME, Lurie G, Wilkens LR, Ness RB, Pearce CL, Wu AH, Van Den Berg DJ, Stram DO, Terry KL, Whitman DC, Whittemore AS, Dicoiccio RA, McGuire V, Doherty JA, Rossing MA, Anton-Culver H, Ziogas A, Hogdall C, Hogdall E, Krüger Kjaer S, Blaakaer J, Quaye L, Ramus SJ, Jacobs I, Song H, Pharoah PD, Iversen ES, Marks JR, Pike MC, Gayther SA, Cunningham JM, Goodman MT, Schildkraut JM, Chenevix-Trench G, Berchuck A, Sellers TA; on behalf of the Ovarian Cancer Association Consortium, Australian Cancer Study (Ovarian Cancer); Australian Ovarian Cancer Study Group. "Polymorphism in the *GALNT1* Gene and Epithelial Ovarian Cancer in Non-Hispanic White Women: The Ovarian Cancer Association Consortium." *Cancer Epidemiol Biomarkers Prev.* 2010;19:600-04.

Kelemen LE, Goodman MT, McGuire V, Rossing MA, Webb PM; on behalf of the Australian Ovarian Cancer Study, Köbel M, Anton-Culver H, Beesley J, Berchuck A, Brar S, Carney ME, Chang-Claude J, Chenevix-Trench G; on behalf of the Australian Ovarian Cancer Study Group, Cramer DW, Cunningham JM, Dicoiccio RA, Doherty JA, Easton DF, Fredericksen ZS, Fridley BL, Gates MA, Gayther SA, Gentry-Maharaj A, Høgdall E, Kjær SK, Lurie G, Menon U, Moorman PG, Moysich K, Ness RB, Palmieri RT, Pearce CL, Pharoah PD, Ramus SJ, Song H, Stram DO, Tworoger SS, Van Den Berg D, Vierkant RA, Wang-Gohrke S, Whittemore AS, Wilkens LR, Wu AH, Schildkraut JM, Sellers TA, Goode EL; on behalf of the Ovarian Cancer Association Consortium. "Genetic variation in *TYMS* in the one-carbon transfer pathway is associated with ovarian carcinoma types in the Ovarian Cancer Association Consortium." *Cancer Epidemiol Biomarkers Prev.* 2010;19:1822-30.

Pearce CL, Near AM, Van Den Berg DJ, Ramus SJ, Gentry-Maharaj A, Menon U, Gayther SA, Anderson AR, Edlund CK, Wu AH, Chen X, Beesley J, Webb PM, Holt SK, Chen C, Doherty JA, Rossing MA, Whittemore AS, McGuire V, Dicioccio RA, Goodman MT, Lurie G, Carney ME, Wilkens LR, Ness RB, Moysich KB, Edwards R, Jennison E, Kjaer SK, Hogdall E, Hogdall CK, Goode EL, Sellers TA, Vierkant RA, Cunningham JC, Schildkraut JM, Berchuck A, Moorman PG, Iversen ES, Cramer DW, Terry KL, Vitonis AF, Titus-Ernstoff L, Song H, Pharoah PD, Spurdle AB, Anton-Culver H, Ziogas A, Brewster W, Galitovskiy V, Chenevix-Trench G; Australian Cancer Study (Ovarian Cancer); Australian Ovarian Cancer Study Group. "Validating genetic risk associations for ovarian cancer through the international Ovarian Cancer Association Consortium." *Br J Cancer*. 2009;100:412-20.

Schildkraut JM, Goode EL, Clyde MA, Iversen ES, Moorman PG, Berchuck A, Marks JR, Lissowska J, Brinton L, Peplonska B, Cunningham JM, Vierkant RA, Rider DN, Chenevix-Trench G, Webb PM, Beesley J, Chen X, Phelan C, Sutphen R, Sellers TA, Pearce L, Wu AH, Van Den Berg D, Conti D, Edlund CK, Anderson R, Goodman MT, Lurie G, Carney ME, Thompson PJ, Gayther SA, Ramus SJ, Jacobs I, Krüger Kjaer S, Hogdall E, Blaakaer J, Hogdall C, Easton DF, Song H, Pharoah PD, Whittemore AS, McGuire V, Quayle L, Anton-Culver H, Ziogas A, Terry KL, Cramer DW, Hankinson SE, Tworoger SS, Calingaert B, Chanock S, Sherman M, Garcia-Closas M; Australian Cancer Study (Ovarian Cancer); Australian Ovarian Cancer Study Group. "Single nucleotide polymorphisms in the TP53 region and susceptibility to invasive epithelial ovarian cancer." *Cancer Res*. 2009;69:2349-57.

Song H, Ramus SJ, Krüger Kjaer S, Dicioccio RA, Chenevix-Trench G, Pearce CL, Hogdall E, Whittemore AS, McGuire V, Hogdall C, Blaakaer J, Wu AH, Van Den Berg DJ, Stram DO, Menon U, Gentry-Maharaj A, Jacobs IJ, Webb PM, Beesley J, Chen X; the Australian Cancer (Ovarian) Study, The Australian Ovarian Cancer Study Group, Rossing MA, Doherty JA, Chang-Claude J, Wang-Gohrke S, Goodman MT, Lurie G, Thompson PJ, Carney ME, Ness RB, Moysich K, Goode EL, Vierkant RA, Cunningham JM, Anderson S, Schildkraut JM, Berchuck A, Iversen ES, Moorman PG, Garcia-Closas M, Chanock S, Lissowska J, Brinton L, Anton-Culver H, Ziogas A, Brewster WR, Ponder BA, Easton DF, Gayther SA, Pharoah PD; on behalf of the Ovarian Cancer Association Consortium (OCAC). "Association between invasive ovarian cancer susceptibility and 11 best candidate SNPs from breast cancer genome-wide association study." *Hum Mol Genet*. 2009;18:2297-304.

Palmieri RT, Wilson MA, Iversen ES, Clyde MA, Calingaert B, Moorman PG, Poole C, Anderson AR, Anderson S, Anton-Culver H, Beesley J, Hogdall E, Brewster W, Carney ME, Chen X, Chenevix-Trench G, Chang-Claude J, Cunningham JM, Dicioccio RA, Doherty JA, Easton DF, Edlund CK, Gayther SA, Gentry-Maharaj A, Goode EL, Goodman MT, Kjaer SK, Hogdall CK, Hopkins MP, Jenison EL, Blaakaer J, Lurie G, McGuire V, Menon U, Moysich KB, Ness RB, Pearce CL, Pharoah PD, Pike MC, Ramus SJ, Rossing MA, Song H, Terada KY, Vandenberg D, Vierkant RA, Wang-Gohrke S, Webb PM, Whittemore AS, Wu AH, Ziogas A, Berchuck A, Schildkraut JM; Ovarian Cancer Association Consortium; Australian Cancer Study

(Ovarian Cancer Group); Australian Ovarian Cancer Study Group. "Polymorphism in the IL18 gene and epithelial ovarian cancer in non-Hispanic white women." *Cancer Epidemiol Biomarkers Prev.* 2008;17:3567-72.