

## PUBLICATIONS

1. Hoffmann TJ, Kvale MN, Hesselton SE, Zhan Y, Aquino C, Cao Y, Cawley S, Chung E, Connell S, Eshragh J, Ewing M, Gollub J, Henderson M, Hubbell E, Iribarren C, Kaufman J, Lao RZ, Lu Y, Ludwig D, Mathauda GK, McGuire W, Mei G, Miles S, Purdy MM, Quesenberry C, Ranatunga D, Rowell S, Sadler M, Shapero MH, Shen L, Shenoy TR, Smethurst D, Van den Eeden SK, Walter L, Wan E, Wearley R, Webster T, Wen CC, Weng L, Whitmer RA, Williams A, Wong SC, Zau C, Finn A, Schaefer C, Kwok PY, Risch N. *Next generation genome-wide association tool: design and coverage of a high-throughput European-optimized SNP array*. Genomics. 2011 Aug;98(2):79-89. doi: 10.1016/j.ygeno.2011.04.005. PubMed PMID: 21565264; PubMed Central PMCID: PMC3146553.
2. Fortier I, Doiron D, Little J, Ferretti V, L'Heureux F, Stolk RP, Knoppers BM, Hudson TJ, Burton PR; International Harmonization Initiative. *Is rigorous retrospective harmonization possible? Application of the DataSHAPE approach across 53 large studies*. Int J Epidemiol. 2011 Oct;40(5):1314-28. doi: 10.1093/ije/dyr106. PubMed PMID: 21804097; PubMed Central PMCID: PMC3204208.
3. Hoffmann TJ, Zhan Y, Kvale MN, Hesselton SE, Gollub J, Iribarren C, Lu Y, Mei G, Purdy MM, Quesenberry C, Rowell S, Shapero MH, Smethurst D, Somkin CP, Van den Eeden SK, Walter L, Webster T, Whitmer RA, Finn A, Schaefer C, Kwok PY, Risch N. *Design and coverage of high throughput genotyping arrays optimized for individuals of East Asian, African American, and Latino race/ethnicity using imputation and a novel hybrid SNP selection algorithm*. Genomics. 2011 Dec;98(6):422-30. doi: 10.1016/j.ygeno.2011.08.007. PubMed PMID: 21903159; PubMed Central PMCID: PMC3502750.
4. Van Den Eeden SK, Shan J, Jacobsen SJ, Aaronsen D, Haque R, Quinn VP, Quesenberry CP Jr; Urologic Diseases in America Project. *Evaluating racial/ethnic disparities in lower urinary tract symptoms in men*. J Urol. 2012 Jan;187(1):185-9. doi: 10.1016/j.juro.2011.09.043. PubMed PMID: 22100004; PubMed Central PMCID: PMC4005424.
5. Van Den Eeden SK, Ferrara A, Shan J, Jacobsen SJ, Quinn VP, Haque R, Quesenberry CP. *Impact of type 2 diabetes on lower urinary tract symptoms in men: a cohort study*. BMC Urol. 2013 Feb 20;13:12. doi: 10.1186/1471-2490-13-12. PubMed PMID: 23421436; PubMed Central PMCID: PMC3605100.
6. Sridhar SB, Darbinian J, Ehrlich SF, Markman MA, Gunderson EP, Ferrara A, Hedderson MM. *Maternal gestational weight gain and offspring risk for childhood overweight or obesity*. Am J Obstet Gynecol. 2014 Sep;211(3):259.e1-8. doi: 10.1016/j.ajog.2014.02.030. PubMed PMID: 24735804.
7. Wall JD, Tang LF, Zerbe B, Kvale MN, Kwok PY, Schaefer C, Risch N. *Estimating genotype error rates from high-coverage next-generation sequence data*. Genome Res. 2014 Nov;24(11):1734-9. doi: 10.1101/gr.168393.113. PubMed PMID: 25304867; PubMed Central PMCID: PMC4216915.
8. Hoffmann TJ, Sakoda LC, Shen L, Jorgenson E, Habel LA, Liu J, Kvale MN, Asgari MM, Banda Y, Corley D, Kushi LH, Quesenberry CP Jr, Schaefer C, Van Den Eeden SK, Risch N, Witte JS. *Imputation of the Rare HOXB13 G84E Mutation and Cancer Risk in a Large Population-Based Cohort*. PLoS Genet. 2015 Jan 28;11(1):e1004930. doi: 10.1371/journal.pgen.1004930. Erratum in: PLoS Genet. 2015 Jun;11(6):e1005362. PLoS Genet. 2015 Apr;11(4):e1005114. PubMed PMID: 25629170; PubMed Central PMCID: PMC4309593.
9. Wen CC, Yee SW, Liang X, Hoffmann TJ, Kvale MN, Banda Y, Jorgenson E, Schaefer C, Risch N, Giacomini KM. *Genome-wide association study identifies ABCG2 (BCRP) as an allopurinol transporter and a determinant of drug response*. Clin Pharmacol Ther. 2015 May;97(5):518-25. doi: 10.1002/cpt.89. PubMed PMID:25676789; PubMed Central PMCID: PMC4479153.

10. Pressman A, Jacobson A, Eguilos R, Gelfand A, Huynh C, Hamilton L, Avins A, Bakshi N, Merikangas K. *Prevalence of migraine in a diverse community—electronic methods for migraine ascertainment in a large integrated health plan*. *Cephalalgia*. 2016 Apr;36(4):325-34. doi: 10.1177/0333102415590242. Epub 2015 Jun 11. PubMed PMID: 26069243; PubMed Central PMCID: PMC4775431.
11. Shen L, Hoffmann TJ, Melles RB, Sakoda LC, Kvale MN, Banda Y, Schaefer C, Risch N, Jorgenson E. *Differences in the genetic susceptibility to age-related macular degeneration clinical subtypes*. *Invest Ophthalmol Vis Sci*. 2015 Jul 1;56(8):4290-9. doi: 10.1167/iovs.15-16533. PubMed PMID: 26176866; PubMed Central PMCID: PMC4509058.
12. Lapham K, Kvale MN, Lin J, Connell S, Croen LA, Dispensa BP, Fang L, Hesselson S, Hoffmann TJ, Iribarren C, Jorgenson E, Kushi LH, Ludwig D, Matsuguchi T, McGuire WB, Miles S, Quesenberry CP Jr, Rowell S, Sadler M, Sakoda LC, Smethurst D, Somkin CP, Van Den Eeden SK, Walter L, Whitmer RA, Kwok PY, Risch N, Schaefer C, Blackburn EH. *Automated assay of telomere length measurement and informatics for 100,000 subjects in the Genetic Epidemiology Research on Adult Health and Aging (GERA) Cohort*. *Genetics*. 2015 Aug;200(4):1061-72. doi: 10.1534/genetics.115.178624. PubMed PMID: 26092717; PubMed Central PMCID: PMC4574243.
13. Banda Y, Kvale MN, Hoffmann TJ, Hesselson SE, Ranatunga D, Tang H, Sabatti C, Croen LA, Dispensa BP, Henderson M, Iribarren C, Jorgenson E, Kushi LH, Ludwig D, Olberg D, Quesenberry CP Jr, Rowell S, Sadler M, Sakoda LC, Sciortino S, Shen L, Smethurst D, Somkin CP, Van Den Eeden SK, Walter L, Whitmer RA, Kwok PY, Schaefer C, Risch N. *Characterizing race/ethnicity and genetic ancestry for 100,000 subjects in the Genetic Epidemiology Research on Adult Health and Aging (GERA) cohort*. *Genetics*. 2015 Aug;200(4):1285-95. doi: 10.1534/genetics.115.178616. PubMed PMID: 26092716; PubMed Central PMCID: PMC4574246.
14. Kvale MN, Hesselson S, Hoffmann TJ, Cao Y, Chan D, Connell S, Croen LA, Dispensa BP, Eshragh J, Finn A, Gollub J, Iribarren C, Jorgenson E, Kushi LH, Lao R, Lu Y, Ludwig D, Mathauda GK, McGuire WB, Mei G, Miles S, Mittman M, Patil M, Quesenberry CP Jr, Ranatunga D, Rowell S, Sadler M, Sakoda LC, Shapero M, Shen L, Shenoy T, Smethurst D, Somkin CP, Van Den Eeden SK, Walter L, Wan E, Webster T, Whitmer RA, Wong S, Zau C, Zhan Y, Schaefer C, Kwok PY, Risch N. *Genotyping Informatics and Quality Control for 100,000 Subjects in the Genetic Epidemiology Research on Adult Health and Aging (GERA) Cohort*. *Genetics*. 2015 Aug;200(4):1051-60. doi: 10.1534/genetics.115.178905. PubMed PMID: 26092718; PubMed Central PMCID: PMC4574249.
15. Hoffmann TJ, Van Den Eeden SK, Sakoda LC, Jorgenson E, Habel LA, Graff RE, Passarelli MN, Cario CL, Emami NC, Chao CR, Ghai NR, Shan J, Ranatunga DK, Quesenberry CP, Aaronson D, Presti J, Wang Z, Berndt SI, Chanock SJ, McDonnell SK, French AJ, Schaid DJ, Thibodeau SN, Li Q, Freedman ML, Penney KL, Mucci LA, Haiman CA, Henderson BE, Seminara D, Kvale MN, Kwok PY, Schaefer C, Risch N, Witte JS. *A large multiethnic genome-wide association study of prostate cancer identifies novel risk variants and substantial ethnic differences*. *Cancer Discov*. 2015 Aug;5(8):878-91. doi: 10.1158/2159-8290.CD-15-0315. PubMed PMID: 26034056; PubMed Central PMCID: PMC4527942.
16. Jorgenson E, Makki N, Shen L, Chen DC, Tian C, Eckalbar WL, Hinds D, Ahituv N, Avins A. *A genome-wide association study identifies four novel susceptibility loci underlying inguinal hernia*. *Nat Commun*. 2015 Dec 21;6:10130. doi:10.1038/ncomms10130. PubMed PMID: 26686553; PubMed Central PMCID: PMC4703831.
17. Shen L, Melles RB, Metlapally R, Barcellos L, Schaefer C, Risch N, Herrinton LJ, Wildsoet C, Jorgenson E. *The Association of Refractive Error with Glaucoma in a Multiethnic Population*. *Ophthalmology*. 2016 Jan;123(1):92-101. doi: 10.1016/j.ophtha.2015.07.002. PubMed PMID: 26260281; PubMed Central PMCID: PMC4695304.

18. Shen L, Walter S, Melles RB, Glymour MM, Jorgenson E. *Diabetes Pathology and Risk of Primary Open-Angle Glaucoma: Evaluating Causal Mechanisms by Using Genetic Information*. Am J Epidemiol. 2016 Jan 15;183(2):147-55. doi: 10.1093/aje/kwv204. PubMed PMID: 26608880; PubMed Central PMCID: PMC4706681.
19. DeLorenze GN, Nelson CL, Scott WK, Allen AS, Ray GT, Tsai AL, Quesenberry CP Jr, Fowler VG Jr. *Polymorphisms in HLA Class II Genes Are Associated With Susceptibility to Staphylococcus aureus Infection in a White Population*. J Infect Dis. 2016 Mar 1;213(5):816-23. doi: 10.1093/infdis/jiv483. PubMed PMID: 26450422; PubMed Central PMCID: PMC4747615.
20. Asgari MM, Wang W, Ioannidis NM, Itnyre J, Hoffmann T, Jorgenson E, Whittemore AS. *Identification of Susceptibility Loci for Cutaneous Squamous Cell Carcinoma*. J Invest Dermatol. 2016 May;136(5):930-7. doi: 10.1016/j.jid.2016.01.013. PubMed PMID: 26829030; PubMed Central PMCID: PMC4842155.
21. Habel LA, Lipson JA, Achacoso N, Rothstein JH, Yaffe MJ, Liang RY, Acton L, McGuire V, Whittemore AS, Rubin DL, Sieh W. *Case-control study of mammographic density and breast cancer risk using processed digital mammograms*. Breast Cancer Res. 2016 May 21;18(1):53. doi: 10.1186/s13058-016-0715-3. PubMed PMID: 27209070; PubMed Central PMCID: MC4875652.
22. Jorgenson E, Melles RB, Hoffmann TJ, Jia X, Sakoda LC, Kvale MN, Banda Y, Schaefer C, Risch N, Shen L. *Common coding variants in the HLA-DQB1 region confer susceptibility to age-related macular degeneration*. Eur J Hum Genet. 2016 Jul;24(7):1049-55. doi: 10.1038/ejhg.2015.247. PubMed PMID: 26733291; PubMed Central PMCID: PMC5070898.
23. Han E, Abrams B, Sridhar S, Xu F, Hedderson M. *Validity of Self-Reported Pre-Pregnancy Weight and Body Mass Index Classification in an Integrated Health Care Delivery System*. Paediatr Perinat Epidemiol. 2016 Jul;30(4):314-9. doi: 10.1111/ppe.12286. PubMed PMID: 26961120.
24. Sridhar SB, Xu F, Hedderson MM. *Trimester-specific gestational weight gain and infant size for gestational age*. PLoS One. 2016 Jul 21;11(7):e0159500. doi: 10.1371/journal.pone.0159500. PubMed PMID: 27442137; PubMed Central PMCID: PMC4956066.
25. Zhou K, Yee SW, Seiser EL, van Leeuwen N, Tavendale R, Bennett AJ, Groves CJ, Coleman RL, van der Heijden AA, Beulens JW, de Keyser CE, Zaharenko L, Rotroff DM, Out M, Jablonski KA, Chen L, Javorský M, Židzik J, Levin AM, Williams LK, Dujic T, Semiz S, Kubo M, Chien HC, Maeda S, Witte JS, Wu L, Tkáč I, Kooy A, van Schaik RH, Stehouwer CD, Logie L; MetGen Investigators.; DPP Investigators.; ACCORD Investigators., Sutherland C, Klovins J, Pirags V, Hofman A, Stricker BH, Motsinger-Reif AA, Wagner MJ, Innocenti F, Hart LM, Holman RR, McCarthy MI, Hedderson MM, Palmer CN, Florez JC, Giacomini KM, Pearson ER. *Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin*. Nat Genet. 2016 Sep;48(9):1055-9. doi: 10.1038/ng.3632. PubMed PMID: 27500523; PubMed Central PMCID: PMC5007158
26. Rhead B, Bäärnhielm M, Gianfrancesco M, Mok A, Shao X, Quach H, Shen L, Schaefer C, Link J, Gyllenberg A, Hedström AK, Olsson T, Hillert J, Kockum I, Glymour MM, Alfredsson L, Barcellos LF. *Mendelian randomization shows a causal effect of low vitamin D on multiple sclerosis risk*. Neurol Genet. 2016 Sep 13;2(5):e97. doi: 10.1212/NXG.000000000000097. eCollection 2016 Oct. PubMed PMID: 27652346; PubMed Central PMCID: PMC5022843.
27. Hoffmann TJ, Keats BJ, Yoshikawa N, Schaefer C, Risch N, Lustig LR. *A Large Genome-Wide Association Study of Age-Related Hearing Impairment Using Electronic Health Records*. PLoS Genet. 2016 Oct 20; 12(10):e1006371. doi: 10.1371/journal.pgen.1006371. PubMed PMID: 27764096.

28. Whittemore AS, Wang W, Jorgenson E, Asgari MM. A GWAS of Cutaneous Squamous Cell Carcinoma-Letter. *Cancer Epidemiol Biomarkers Prev.* 2016 Nov;25(11):1534. PubMed PMID: 27803070; PubMed Central PMCID: PMC5113720.
29. Goswami S, Yee SW, Xu F, Sridhar SB, Mosley JD, Takahashi A, Kubo M, Maeda S, Davis RL, Roden DM, Hedderson MM, Giacomini KM, Savic RM. *A Longitudinal HbA1c Model Elucidates Genes Linked to Disease Progression on Metformin.* *Clin Pharmacol Ther.* 2016 Nov;100(5):537-547. doi: 10.1002/cpt.428. PubMed PMID: 27415606.
30. Hedderson MM, Ferrara A, Avalos LA, Van den Eeden SK, Gunderson EP, Li DK, Altschuler A, Woo S, Rowell S, Choudhary V, Xu F, Flanagan T, Schaefer C, Croen LA. *The Kaiser Permanente Northern California research program on genes, environment, and health (RPGEH) pregnancy cohort: study design, methodology and baseline characteristics.* *BMC Pregnancy Childbirth.* 2016 Nov 29;16(1):381. PubMed PMID: 27899076; PubMed Central PMCID: PMC5129213
31. Dujic T, Zhou K, Yee SW, van Leeuwen N, de Keyser CE, Javorský M, Goswami S, Zaharenko L, Hougaard Christensen MM, Out M, Tavendale R, Kubo M, Hedderson MM, van der Heijden AA, Klimčáková L, Pirags V, Kooy A, Brøsen K, Klovins J, Semiz S, Tkáč I, Stricker BH, Palmer C, 't Hart LM, Giacomini KM, Pearson ER. *Variants in pharmacokinetic transporters and glycemic response to metformin: A metgen meta-analysis.* *Clin Pharmacol Ther.* 2016 Nov 10. doi: 10.1002/cpt.567. [Epub ahead of print] PubMed PMID: 27859023.
32. Iribarren C, Lu M, Jorgenson E, Martínez M, Lluís-Ganella C, Subirana I, Salas E, Elosua R. *Clinical Utility of Multimarker Genetic Risk Scores for Prediction of Incident Coronary Heart Disease: A Cohort Study Among Over 51 Thousand Individuals of European Ancestry.* *Circ Cardiovasc Genet.* 2016 Dec;9(6):531-540. doi: 10.1161/CIRCGENETICS.116.001522. PubMed PMID: 27780846.
33. Barban N, Jansen R, de Vlaming R, Vaez A, Mandemakers JJ, Tropf FC, Shen X, Wilson JF, Chasman DI, Nolte IM, Tragante V, van der Laan SW, Perry JR, Kong A; BIOS Consortium., Ahluwalia TS, Albrecht E, Yerges-Armstrong L, Atzmon G, Auro K, Ayers K, Bakshi A, Ben-Avraham D, Berger K, Bergman A, Bertram L, Bielak LF, Bjornsdottir G, Bonder MJ, Broer L, Bui M, Barbieri C, Cavadino A, Chavarro JE, Turman C, Concas MP, Cordell HJ, Davies G, Eibich P, Eriksson N, Esko T, Eriksson J, Falahi F, Felix JF, Fontana MA, Franke L, Gandin I, Gaskins AJ, Gieger C, Gunderson EP, et al. and Mills MC. *Genome-wide analysis identifies 12 loci influencing human reproductive behavior.* *Nat Genet.* 2016 Dec;48(12):1462-1472. doi: 10.1038/ng.3698. PubMed PMID: 27798627.
34. Brant SR, Okou DT, Simpson CL, Cutler DJ, Haritunians T, Bradfield JP, Chopra P, Prince J, Begum F, Kumar A, Huang C, Venkateswaran S, Datta LW, Wei Z, Thomas K, Herrinton LJ, Klapproth JA, Quiros AJ, Seminerio J, Liu Z, Alexander JS, Baldassano RN, Dudley-Brown S, Cross RK, Dassopoulos T, Denson LA, Dhere TA, Dryden GW, Hanson JS, Hou JK, Hussain SZ, Hyams JS, Isaacs KL, Kader H, Kappelman MD, Katz J, Kellermayer R, Kirschner BS, Kuemmerle JF, Kwon JH, Lazarev M, Li E, Mack D, Mannon P, Moulton DE, Newberry RD, Osuntokun BO, Patel AS, Saeed SA, Targan SR, Valentine JF, Wang MH, Zonca M, Rioux JD, Duerr RH, Silverberg MS, Cho JH, Hakonarson H, Zwick ME, McGovern DP, Kugathasan S. *Genome-Wide Association Study Identifies African-Specific Susceptibility Loci in African Americans With Inflammatory Bowel Disease.* *Gastroenterology.* 2017 Jan;152(1):206-217.e2. doi: 10.1053/j.gastro.2016.09.032. PubMed PMID: 27693347; PubMed Central PMCID: PMC5164948.
35. Hoffmann TJ, Ehret GB, Nandakumar P, Ranatunga D, Schaefer C, Kwok PY, Iribarren C, Chakravarti A, Risch N. *Genome-wide association analyses using electronic health records identify new loci influencing blood pressure variation.* *Nat Genet.* 2017 Jan;49(1):54-64. doi: 10.1038/ng.3715. PubMed PMID: 27841878.
36. Hoffmann TJ, Passarelli MN, Graff RE, Emami NC, Sakoda LC, Jorgenson E, Habel LA, Shan J, Ranatunga DK, Quesenberry CP, Chao CR, Ghai NR, Aaronson D, Presti J, Nordström T, Wang Z,

- Berndt SI, Chanock SJ, Mosley JD, Klein RJ, Middha M, Lilja H, Melander O, Kvale MN, Kwok PY, Schaefer C, Risch N, Van Den Eeden SK, Witte JS. *Genome-wide association study of prostate-specific antigen levels identifies novel loci independent of prostate cancer*. Nat Commun. 2017 Jan 31;8:14248. doi: 10.1038/ncomms14248. PubMed PMID: 28139693; PubMed Central PMCID: PMC5290311.
37. Gianfrancesco MA, Glymour MM, Walter S, Rhead B, Shao X, Shen L, Quach H, Hubbard A, Jónsdóttir I, Stefánsson K, Strid P, Hillert J, Hedström A, Olsson T, Kockum I, Schaefer C, Alfredsson L, Barcellos LF. *Causal Effect of Genetic Variants Associated With Body Mass Index on Multiple Sclerosis Susceptibility*. Am J Epidemiol. 2017 Feb 1;185(3):162-171. doi: 10.1093/aje/kww120. PubMed PMID: 28073764; PubMed Central PMCID: PMC5391720.
38. Kim SK, Roos TR, Roos AK, Kleimeyer JP, Ahmed MA, Goodlin GT, Fredericson M, Ioannidis JP, Avins AL, Dragoo JL. *Genome-wide association screens for Achilles tendon and ACL tears and tendinopathy*. PLoS One. 2017 Mar 30;12(3):e0170422. doi: 10.1371/journal.pone.0170422. eCollection 2017. PubMed PMID: 28358823; PubMed Central PMCID: PMC5373512.
39. Gianfrancesco MA, Stridh P, Rhead B, Shao X, Xu E, Graves JS, Chitnis T, Waldman A, Lotze T, Schreiner T, Belman A, Greenberg B, Weinstock-Guttman B, Aen G, Tillema JM, Hart J, Caillier S, Ness J, Harris Y, Rubin J, Candee M, Krupp L, Gorman M, Benson L, Rodriguez M, Mar S, Kahn I, Rose J, Roalstad S, Casper TC, Shen L, Quach H, Quach D, Hillert J, Bäärnhielm M, Hedstrom A, Olsson T, Kockum I, Alfredsson L, Metayer C, Schaefer C, Barcellos LF, Waubant E; Network of Pediatric Multiple Sclerosis Centers. *Evidence for a causal relationship between low vitamin D, high BMI, and pediatric-onset MS*. Neurology. 2017 Apr 25;88(17):1623-1629. doi: 10.1212/WNL.0000000000003849. Epub 2017 Mar 29. PubMed PMID: 28356466; PubMed Central PMCID: PMC5405763.
40. Roos AK, Avins AL, Ahmed MA, Kleimeyer JP, Roos TR, Fredericson M, Ioannidis JPA, Dragoo JL, Kim S. *Two Genetic Loci associated with Medial Collateral Ligament Injury*. Int J Sports Med. 2017 May 8. doi: 10.1055/s-0043-104853. [Epub ahead of print] PubMed PMID: 28482362.
41. Jorgenson E, Thai KK, Hoffmann TJ, Sakoda LC, Kvale MN, Banda Y, Schaefer C, Risch N, Mertens J, Weisner C, Choquet H. *Genetic contributors to variation in alcohol consumption vary by race/ethnicity in a large multi-ethnic genome-wide association study*. Mol Psychiatry. 2017 May 9. doi: 10.1038/mp.2017.101. [Epub ahead of print] PubMed PMID: 28485404.
42. Kim S, Kleimeyer JP, Ahmed MA, Avins AL, Fredericson M, Dragoo JL, Ioannidis JPA. *A Genetic Marker Associated with Shoulder Dislocation*. Int J Sports Med. 2017 May 18. doi: 10.1055/s-0043-106190. [Epub ahead of print] German. PubMed PMID: 28521375.
43. Kim SK, Kleimeyer JP, Ahmed MA, Avins AL, Fredericson M, Dragoo JL, Ioannidis JPA. *Two genetic loci associated with ankle injury*. PLoS One. 2017 Sep 28;12(9):e0185355. doi: 10.1371/journal.pone.0185355. eCollection 2017. PubMed PMID: 28957384; PubMed Central PMCID: PMC5619760.
44. Kim SK, Ahmed MA, Avins AL, Ioannidis JPA. *A Genetic Marker Associated with De Quervain's Tenosynovitis*. Int J Sports Med. 2017 Nov;38(12):942-948. doi: 10.1055/s-0043-116669. Epub 2017 Oct 6. PubMed PMID: 28985641.
45. Roos TR, Roos AK, Avins AL, Ahmed MA, Kleimeyer JP, Fredericson M, Ioannidis JPA, Dragoo JL, Kim SK. *Genome-wide association study identifies a locus associated with rotator cuff injury*. PLoS One. 2017 Dec 11;12(12):e0189317. doi: 10.1371/journal.pone.0189317. eCollection 2017. PubMed PMID: 29228018; PubMed Central PMCID: PMC5724859.

46. Choquet H, Thai KK, Yin J, Hoffmann TJ, Kvale MN, Banda Y, Schaefer C, Risch N, Nair KS, Melles R, Jorgenson E. *A large multi-ethnic genome-wide association study identifies novel genetic loci for intraocular pressure.* Nat Commun. 2017 Dec 13;8(1):2108. doi: 10.1038/s41467-017-01913-6. PubMed PMID: 29235454; PubMed Central PMCID: PMC5727399.
47. Chen HY, Dufresne L, Burr H, Ambikkumar A, Yasui N, Luk K, Ranatunga DK, Whitmer RA, Lathrop M, Engert JC, Thanassoulis G. *Association of LPA Variants With Aortic Stenosis: A Large-Scale Study Using Diagnostic and Procedural Codes From Electronic Health Records.* JAMA Cardiol. 2018 Jan 1;3(1):18-23. doi: 10.1001/jamacardio.2017.4266. PubMed PMID: 29128868.
48. Wang W, Jorgenson E, Whittemore AS, Asgari MM. *Susceptibility Loci-Associated Cutaneous Squamous Cell Carcinoma Invasiveness.* J Invest Dermatol. 2018 Mar;138(3):557-561. doi: 10.1016/j.jid.2017.09.034. Epub 2017 Oct 17. PubMed PMID: 29054604; PubMed Central PMCID: PMC6211552.
49. Hoffmann TJ, Theusch E, Haldar T, Ranatunga DK, Jorgenson E, Medina MW, Kvale MN, Kwok PY, Schaefer C, Krauss RM, Iribarren C, Risch N. *A large electronic-health-record-based genome-wide study of serum lipids.* Nat Genet. 2018 Mar;50(3):401-413. doi: 10.1038/s41588-018-0064-5. Epub 2018 Mar 5. PubMed PMID: 29507422; PubMed Central PMCID: PMC5942247.
50. Kim SK, Ioannidis JPA, Ahmed MA, Avins AL, Kleimeyer JP, Fredericson M, Dragoo JL. *Two Genetic Variants Associated with Plantar Fascial Disorders.* Int J Sports Med. 2018 Apr;39(4):314-321. doi: 10.1055/s-0044-100280. Epub 2018 Mar 13. PubMed PMID: 29534260.
51. Modjtahedi BS, Fong DS, Jorgenson E, Van Den Eeden SK, Quinn V, Slezak JM. *The Relationship Between Nonsteroidal Anti-inflammatory Drug Use and Age-related Macular Degeneration.* Am J Ophthalmol. 2018 Apr;188:111-122. doi: 10.1016/j.ajo.2018.01.012. Epub 2018 Jan 31. PMID: 29360460.
52. Choquet H, Paylakhi S, Kneeland SC, Thai KK, Hoffmann TJ, Yin J, Kvale MN, Banda Y, Tolman NG, Williams PA, Schaefer C, Melles RB, Risch N, John SWM, Nair KS, Jorgenson E. *A multiethnic genome-wide association study of primary open-angle glaucoma identifies novel risk loci.* Nat Commun. 2018 Jun 11;9(1):2278. doi: 10.1038/s41467-018-04555-4. PubMed PMID: 29891935; PubMed Central PMCID: PMC5995837.
53. Jorgenson E, Choquet H, Yin J, Asgari MM. *Common Mitochondrial Haplogroups and Cutaneous Squamous Cell Carcinoma Risk.* Cancer Epidemiol Biomarkers Prev. 2018 Jul;27(7):838-841. doi: 10.1158/1055-9965.EPI-18-0236. Epub 2018 Apr 25. PubMed PMID: 29695379; PubMed Central PMCID: PMC6241517.
54. Wang W, Ollila HM, Whittemore AS, Demehri S, Ioannidis NM, Jorgenson E, Mignot E, Asgari MM. *Genetic variants in the HLA class II region associated with risk of cutaneous squamous cell carcinoma.* Cancer Immunol Immunother. 2018 Jul;67(7):1123-1133. doi: 10.1007/s00262-018-2168-2. Epub 2018 May 12. PubMed PMID: 29754218.
55. Ioannidis NM, Wang W, Furlotte NA, Hinds DA; 23andMe Research Team, Bustamante CD, Jorgenson E, Asgari MM, Whittemore AS. *Gene expression imputation identifies candidate genes and susceptibility loci associated with cutaneous squamous cell carcinoma.* Nat Commun. 2018 Oct 15;9(1):4264. doi: 10.1038/s41467-018-06149-6. PubMed PMID: 30323283; PubMed Central PMCID: PMC6189170.
56. Jorgenson E, Matharu N, Palmer MR, Yin J, Shan J, Hoffmann TJ, Thai KK, Zhou X, Hotaling JM, Jarvik GP, Ahituv N, Wessells H, Van Den Eeden SK. *Genetic variation in the SIM1 locus is associated with erectile dysfunction.* Proc Natl Acad Sci U S A. 2018 Oct 23;115(43):11018-11023.

doi: 10.1073/pnas.1809872115. Epub 2018 Oct 8. PubMed PMID: 30297428; PubMed Central PMCID: PMC6205494.

57. Wang W, Jorgenson E, Ioannidis NM, Asgari MM, Whittemore AS. *A Prediction Tool to Facilitate Risk-Stratified Screening for Squamous Cell Skin Cancer*. J Invest Dermatol. 2018 Dec;138(12):2589-2594. doi: 10.1016/j.jid.2018.03.1528. Epub 2018 Jul 2. PubMed PMID: 30472995.
58. Huyghe JR, Bien SA, Harrison TA, Kang HM, Chen S, Schmit SL, Conti DV, Qu C, Jeon J, Edlund CK, Greenside P, Wainberg M, Schumacher FR, Smith JD, Levine DM, Nelson SC, Sinnott-Armstrong NA, Albanes D, Alonso MH, Anderson K, Arnau-Collell C, Arndt V, Bamia C, Banbury BL, Baron JA, Berndt SI, Bézieau S, Bishop DT, Boehm J, Boeing H, Brenner H, Brezina S, Buch S, Buchanan DD, Burnett-Hartman A, Butterbach K, Caan BJ, Campbell PT, Carlson CS, Castellví-Bel S, Chan AT, Chang-Claude J, Chanock SJ, Chirlaque MD, Cho SH, Connolly CM, Cross AJ, Cuk K, Curtis KR, de la Chapelle A, Doheny KF, Duggan D, Easton DF, Elias SG, Elliott F, English DR, Feskens EJM, Figueiredo JC, Fischer R, FitzGerald LM, Forman D, Gala M, Gallinger S, Gauderman WJ, Giles GG, Gillanders E, Gong J, Goodman PJ, Grady WM, Grove JS, Gsur A, Gunter MJ, Haile RW, Hampe J, Hampel H, Harlid S, Hayes RB, Hofer P, Hoffmeister M, Hopper JL, Hsu WL, Huang WY, Hudson TJ, Hunter DJ, Ibañez-Sanz G, Idos GE, Ingersoll R, Jackson RD, Jacobs EJ, Jenkins MA, Joshi AD, Joshi CE, Keku TO, Key TJ, Kim HR, Kobayashi E, Kolonel LN, Kooperberg C, Kühn T, Küry S, Kweon SS, Larsson SC, Laurie CA, Le Marchand L, Leal SM, Lee SC, Lejbkowitz F, Lemire M, Li CI, Li L, Lieb W, Lin Y, Lindblom A, Lindor NM, Ling H, Louie TL, Männistö S, Markowitz SD, Martín V, Masala G, McNeil CE, Melas M, Milne RL, Moreno L, Murphy N, Myte R, Naccarati A, Newcomb PA, Offit K, Ogino S, Onland-Moret NC, Pardini B, Parfrey PS, Pearlman R, Perduca V, Pharoah PDP, Pinchev M, Platz EA, Prentice RL, Pugh E, Raskin L, Rennert G, Rennert HS, Riboli E, Rodríguez-Barranco M, Romm J, Sakoda LC, Schafmayer C, Schoen RE, Seminara D, Shah M, Shelford T, Shin MH, Shulman K, Sieri S, Slattery ML, Southey MC, Stadler ZK, Stegmaier C, Su YR, Tangen CM, Thibodeau SN, Thomas DC, Thomas SS, Toland AE, Trichopoulou A, Ulrich CM, Van Den Berg DJ, van Duijnhoven FJB, Van Guelpen B, van Kranen H, Vijai J, Visvanathan K, Vodicka P, Vodickova L, Vymetalkova V, Weigl K, Weinstein SJ, White E, Win AK, Wolf CR, Wolk A, Woods MO, Wu AH, Zaidi SH, Zanke BW, Zhang Q, Zheng W, Scacheri PC, Potter JD, Bassik MC, Kundaje A, Casey G, Moreno V, Abecasis GR, Nickerson DA, Gruber SB, Hsu L, Peters U. *Discovery of common and rare genetic risk variants for colorectal cancer*. Nat Genet. 2019 Jan;51(1):76-87. doi: 10.1038/s41588-018-0286-6. Epub 2018 Dec 3. PMID: 30510241; PMCID: PMC6358437.
59. Tai CG, Harris-Wai J, Schaefer C, Liljestrand P, Somkin CP. *Multiple Stakeholder Views on Data Sharing in a Biobank in an Integrated Healthcare Delivery System: Implications for Biobank Governance*. Public Health Genomics. 2018;21(5-6):207-216. doi: 10.1159/000500442. Epub 2019 Jun 5. PubMed PMID: 31167204.
60. Brackman DJ, Yee SW, Enogie OJ, Shaffer C, Ranatunga D, Denny JC, Wei WQ, Kamatani Y, Kubo M, Roden DM, Jorgenson E, Giacomini KM. *Genome-Wide Association and Functional Studies Reveal Novel Pharmacological Mechanisms for Allopurinol*. Clin Pharmacol Ther. 2019 Sep;106(3):623-631. doi: 10.1002/cpt.1439. Epub 2019 May 23. PubMed PMID: 30924126.
61. Fohner AE, Ranatunga DK, Thai KK, Lawson BL, Risch N, Oni-Orisan A, Jelalian AT, Rettie AE, Liu VX, Schaefer CA. *Assessing the clinical impact of CYP2C9 pharmacogenetic variation on phenytoin prescribing practice and patient response in an integrated health system*. Pharmacogenet Genomics. 2019 Oct;29(8):192-199. doi: 10.1097/FPC.0000000000000383. PubMed PMID: 31461080.
62. Archambault AN, Su YR, Jeon J, Thomas M, Lin Y, Conti DV, Win AK, Sakoda LC, Lansdorp-Vogelaar I, Peterse EFP, Zauber AG, Duggan D, Holowatyj AN, Huyghe JR, Brenner H, Cotterchio M, Bézieau S, Schmit SL, Edlund CK, Southey MC, Maclnnis RJ, Campbell PT, Chang-Claude J, Slattery ML, Chan AT, Joshi AD, Song M, Cao Y, Woods MO, White E, Weinstein SJ, Ulrich CM, Hoffmeister M, Bien SA, Harrison TA, Hampe J, Li CI, Schafmayer C, Offit K, Pharoah PD, Moreno V, Lindblom A, Wolk A, Wu AH, Li L, Gunter MJ, Gsur A, Keku TO, Pearlman R, Bishop DT, Castellví-

- Bel S, Moreira L, Vodicka P, Kampman E, Giles GG, Albanes D, Baron JA, Berndt SI, Brezina S, Buch S, Buchanan DD, Trichopoulos A, Severi G, Chirlaque MD, Sánchez MJ, Palli D, Kühn T, Murphy N, Cross AJ, Burnett-Hartman AN, Chanock SJ, de la Chapelle A, Easton DF, Elliott F, English DR, Feskens EJM, FitzGerald LM, Goodman PJ, Hopper JL, Hudson TJ, Hunter DJ, Jacobs EJ, Joshi CE, Küry S, Markowitz SD, Milne RL, Platz EA, Rennert G, Rennert HS, Schumacher FR, Sandler RS, Seminara D, Tangen CM, Thibodeau SN, Toland AE, van Duijnhoven FJB, Visvanathan K, Vodickova L, Potter JD, Männistö S, Weigl K, Figueiredo J, Martín V, Larsson SC, Parfrey PS, Huang WY, Lenz HJ, Castela JE, Gago-Dominguez M, Muñoz-Garzón V, Mancao C, Haiman CA, Wilkens LR, Siegel E, Barry E, Youngusband B, Van Guelpen B, Harlid S, Zeleniuch-Jacquotte A, Liang PS, Du M, Casey G, Lindor NM, Le Marchand L, Gallinger SJ, Jenkins MA, Newcomb PA, Gruber SB, Schoen RE, Hampel H, Corley DA, Hsu L, Peters U, Hayes RB. *Cumulative Burden of Colorectal Cancer-Associated Genetic Variants Is More Strongly Associated With Early-Onset vs Late-Onset Cancer*. *Gastroenterology*. 2020 Apr;158(5):1274-1286.e12. doi: 10.1053/j.gastro.2019.12.012. Epub 2019 Dec 19. PMID: 31866242; PMCID: PMC7103489.
63. Burnett-Hartman AN, Blum-Barnett E, Carroll NM, Madrid SD, Jonas C, Janes K, Alvarado M, Bedoy R, Paolino V, Aziz N, McGlynn EA. *Return of Research-Related Genetic Test Results and Genetic Discrimination Concerns: Facilitators and Barriers of Genetic Research Participation in Diverse Groups*. *Public Health Genomics*. 2020;23(1-2):59-68. doi: 10.1159/000507056. Epub 2020 Apr 14. PMID: 32289795.
64. Carroll NM, Blum-Barnett E, Madrid SD, Jonas C, Janes K, Alvarado M, Bedoy R, Paolino V, Aziz N, McGlynn EA, Burnett-Hartman AN. *Demographic differences in the utilization of clinical and direct-to-consumer genetic testing*. *J Genet Couns*. 2020 Aug;29(4):634-643. doi: 10.1002/jgc4.1193. Epub 2019 Nov 20. PMID: 31749259.
65. Kim SK, Roche MD, Fredericson M, Dragoo JL, Horton BH, Avins AL, Belanger HG, Ioannidis JPA, Abrams GD. *A Genome-wide Association Study for Concussion Risk*. *Med Sci Sports Exerc*. 2020 Oct 1. doi: 10.1249/MSS.0000000000002529. Epub ahead of print. PMID: 33017352.



### PRESENTATIONS AND POSTERS

#### 2018

1. Melissa Preciado, Scott Chan, Tiffany McDaniel, Miki Nguyen, Galina Inzhakova, Rica Ann Dela Cruz, Nazneen Aziz, Deborah Young. Forming a Community Advisory Board in Biobanking: An Integrated Healthcare Experience. 2018 Annual Meeting and Exposition, American Public Health Association (APHA), San Diego, CA, November 12, 2018.
2. Rica Ann Dela Cruz, Lee Barton, Galina Inzhakova, Melissa Preciado, Miki Nguyen, Nazneen Aziz, Deborah Young. Using Email for Recruitment into a Biobank Program in Southern California. 2018 Annual Meeting and Exposition, American Public Health Association (APHA), San Diego, CA, November 13, 2018.
3. Flatt, J., Johnson, J., Mack, A., Gilsanz, P., Albers, K., & Whitmer, R. A. Dementia Prevalence Among Sexual Minority Older Adults. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*, 14(7), P577-P578. 2018
4. Flatt, J. Dementia Among Sexual Minority Older Adults. GLMA: Health Professionals Advancing LGBT Equality; 36th GLMA Annual Conference on LGBTQ Health, Las Vegas, NV, October 11, 2018