

VEC Faculty Publications January-December 2021

January

Actkins KV, Singh K, Hucks D, Velez Edwards DR, Aldrich M, Cha J, Wellons M, Davis LK. Characterizing the Clinical and Genetic Spectrum of Polycystic Ovary Syndrome in Electronic Health Records. *J Clin Endocrinol Metab.* 2021 Jan 1;106(1):153-167. doi: 10.1210/clinem/dgaa675. PMID: 32961557; PMCID: PMC7765638.

Bettis AH, Siciliano RE, Rogers BP, Ichinose M, Compas BE. Neural correlates of distraction and reappraisal in the family context: Associations with symptoms of anxiety and depression in youth. *Child Neuropsychol.* 2021 Jan 18:1-14. doi: 10.1080/09297049.2020.1870675. Epub ahead of print. PMID: 33459155.

Chakravarthy R, Stallings SC, Velez Edwards DR, Zhao SK, Conway D, Rao JS, Aldrich MC, Kobetz E, Wilkins CH. Determinants of stage at diagnosis of HPV-related cancer including area deprivation and clinical factors. *J Public Health (Oxf).* 2021 Jan 29:fdaa246. doi: 10.1093/pubmed/fdaa246. Epub ahead of print. PMID: 33512511.

Chen HH, Shaw DM, Petty LE, Graff M, Bohlender RJ, Polikowsky HG, Zhong X, Kim D, Buchanan VL, Preuss MH, Shuey MM, Loos RJF, Huff CD, Cox NJ, Bastarache JA, Bastarache L, North KE, Below JE. Host genetic effects in pneumonia. *Am J Hum Genet.* 2021 Jan 7;108(1):194-201. doi: 10.1016/j.ajhg.2020.12.010. Epub 2020 Dec 13. PMID: 33357513; PMCID: PMC7820802.

Conti DV, Darst BF, Moss LC, Saunders EJ, Sheng X, Chou A, Schumacher FR, Olama AAA, Benlloch S, Dadaev T, Brook MN, Sahimi A, Hoffmann TJ, Takahashi A, Matsuda K, Momozawa Y, Fujita M, Muir K, Lophatananon A, Wan P, Le Marchand L, Wilkens LR, Stevens VL, Gapstur SM, Carter BD, Schleutker J, Tammela TLJ, Sipeky C, Auvinen A, Giles GG, Southey MC, MacInnis RJ, Cybulski C, Wokołorczyk D, Lubiński J, Neal DE, Donovan JL, Hamdy FC, Martin RM, Nordestgaard BG, Nielsen SF, Weischer M, Bojesen SE, Røder MA, Iversen P, Batra J, Chambers S, Moya L, Horvath L, Clements JA, Tilley W, Risbridger GP, Gronberg H, Aly M, Szulkin R, Eklund M, Nordström T, Pashayan N, Dunning AM, Ghousaini M, Travis RC, Key TJ, Riboli E, Park JY, Sellers TA, Lin HY, Albanes D, Weinstein SJ, Mucci LA, Giovannucci E, Lindstrom S, Kraft P, Hunter DJ, Penney KL, Turman C, Tangen CM, Goodman PJ, Thompson IM Jr, Hamilton RJ, Fleshner NE, Finelli A, Parent MÉ, Stanford JL, Ostrander EA, Geybels MS, Koutros S, Freeman LEB, Stampfer M, Wolk A, Håkansson N, Andriole GL, Hoover RN, Machiela MJ, Sørensen KD, Borre M, Blot WJ, Zheng W, Yeboah ED, Mensah JE, Lu YJ, Zhang HW, Feng N, Mao X, Wu Y, Zhao SC, Sun Z, Thibodeau SN, McDonnell SK, Schaid DJ, West CML, Burnet N, Barnett G, Maier C, Schnoeller T, Luedeke M, Kibel AS, Drake BF, Cussenot O, Cancel-Tassin G, Menegaux F, Truong T, Koudou YA, John EM, Grindedal EM, Maehle L, Khaw KT, Ingles SA, Stern MC, Vega A, Gómez-Caamaño A, Fachal L, Rosenstein BS, Kerns SL, Ostrer H, Teixeira MR, Paulo P, Brandão A, Watya S, Lubwama A, Bensen JT, Fontham ETH, Mohler J, Taylor JA, Kogevinas M, Llorca J, Castaño-Vinyals G, Cannon-Albright L, Teerlink CC, Huff CD, Strom SS, Multigner L, Blanchet P, Brureau L, Kaneva R, Slavov C, Mitev V, Leach RJ, Weaver B, Brenner H, Cuk K, Holleczeck B,

Saum KU, Klein EA, Hsing AW, Kittles RA, Murphy AB, Logothetis CJ, Kim J, Neuhausen SL, Steele L, Ding YC, Isaacs WB, Nemesure B, Hennis AJM, Carpten J, Pandha H, Michael A, De Ruyck K, De Meerleer G, Ost P, Xu J, Razack A, Lim J, Teo SH, Newcomb LF, Lin DW, Fowke JH, Neslund-Dudas C, Rybicki BA, Gamulin M, Lessel D, Kulis T, Usmani N, Singhal S, Parliament M, Claessens F, Joniau S, Van den Broeck T, Gago-Dominguez M, Castela JE, Martinez ME, Larkin S, Townsend PA, Aukim-Hastie C, Bush WS, Aldrich MC, Crawford DC, Srivastava S, Cullen JC, Petrovics G, Casey G, Roobol MJ, Jenster G, van Schaik RHN, Hu JJ, Sanderson M, Varma R, McKean-Cowdin R, Torres M, Mancuso N, Berndt SI, Van Den Eeden SK, Easton DF, Chanock SJ, Cook MB, Wiklund F, Nakagawa H, Witte JS, Eeles RA, Kote-Jarai Z, Haiman CA. Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. *Nat Genet.* 2021 Jan;53(1):65-75. doi: 10.1038/s41588-020-00748-0. Epub 2021 Jan 4. Erratum in: *Nat Genet.* 2021 Jan 20;: PMID: 33398198.

Duggan MC, Van J, Ely EW. Delirium Assessment in Critically Ill Older Adults: Considerations During the COVID-19 Pandemic. *Crit Care Clin.* 2021 Jan;37(1):175-190. doi: 10.1016/j.ccc.2020.08.009. Epub 2020 Aug 14. PMID: 33190768; PMCID: PMC7427547.

Fisher KA, Olson SM, Tenforde MW, Self WH, Wu M, Lindsell CJ, Shapiro NI, Files DC, Gibbs KW, Erickson HL, Prekker ME, Steingrub JS, Exline MC, Henning DJ, Wilson JG, Brown SM, Peltan ID, Rice TW, Hager DN, Ginde AA, Talbot HK, Casey JD, Grijalva CG, Flannery B, Patel MM, Feldstein LR. Symptoms and recovery among adult outpatients with and without COVID-19 at 11 healthcare facilities-July 2020, United States. *Influenza Other Respir Viruses.* 2021 Jan 6. doi: 10.1111/irv.12832. Epub ahead of print. PMID: 33405338.

Howard LM, Edwards KM, Zhu Y, Grijalva CG, Self WH, Jain S, Ampofo K, Pavia AT, Arnold SR, McCullers JA, Anderson EJ, Wunderink RG, Williams DJ. Clinical Features of Human Metapneumovirus-Associated Community-acquired Pneumonia Hospitalizations. *Clin Infect Dis.* 2021 Jan 23;72(1):108-117. doi: 10.1093/cid/ciaa088. PMID: 32010955; PMCID: PMC7823075.

Johnson N, Maguire S, Morra A, Kapoor PM, Tomczyk K, Jones ME, Schoemaker MJ, Gilham C, Bolla MK, Wang Q, Dennis J, Ahearn TU, Andrulis IL, Anton-Culver H, Antonenkova NN, Arndt V, Aronson KJ, Augustinsson A, Baynes C, Freeman LEB, Beckmann MW, Benitez J, Bermisheva M, Blomqvist C, Boeckx B, Bogdanova NV, Bojesen SE, Brauch H, Brenner H, Burwinkel B, Campa D, Canzian F, Castela JE, Chanock SJ, Chenevix-Trench G, Clarke CL; NBCS Collaborators, Conroy DM, Couch FJ, Cox A, Cross SS, Czene K, Dörk T, Eliassen AH, Engel C, Evans DG, Fasching PA, Figueroa J, Floris G, Flyger H, Gago-Dominguez M, Gapstur SM, García-Closas M, Gaudet MM, Giles GG, Goldberg MS, González-Neira A; AOCs Group, Guénel P, Hahnen E, Haiman CA, Håkansson N, Hall P, Hamann U, Harrington PA, Hart SN, Hoening MJ, Hopper JL, Howell A, Hunter DJ; ABCTB Investigators; kConFab Investigators, Jager A, Jakubowska A, John EM, Kaaks R, Keeman R, Khusnutdinova E, Kitahara CM, Kosma VM, Koutros S, Kraft P, Kristensen VN, Kurian AW, Lambrechts D, Le Marchand L, Linet M, Lubiński J, Mannermaa A, Manoukian S, Margolin S, Martens JWM, Mavroudis D, Mayes R, Meindl A, Milne RL, Neuhausen SL, Nevanlinna H, Newman WG, Nielsen SF, Nordestgaard BG, Obi N, Olshan AF, Olson JE, Olsson H, Orban E, Park-Simon TW, Peterlongo P, Plaseska-Karanfilska D, Pylkäs K, Rennert G, Rennert HS, Ruddy KJ, Saloustros E, Sandler DP, Sawyer

EJ, Schmutzler RK, Scott C, Shu XO, Simard J, Smichkoska S, Sohn C, Southey MC, Spinelli JJ, Stone J, Tamimi RM, Taylor JA, Tollenaar RAEM, Tomlinson I, Troester MA, Truong T, Vachon CM, van Veen EM, Wang SS, Weinberg CR, Wendt C, Wildiers H, Winqvist R, Wolk A, Zheng W, Ziogas A, Dunning AM, Pharoah PDP, Easton DF, Howie AF, Peto J, Dos-Santos-Silva I, Swerdlow AJ, Chang-Claude J, Schmidt MK, Orr N, Fletcher O. CYP3A7*1C allele: linking premenopausal oestrone and progesterone levels with risk of hormone receptor-positive breast cancers. *Br J Cancer*. 2021 Feb;124(4):842-854. doi: 10.1038/s41416-020-01185-w. Epub 2021 Jan 26. PMID: 33495599; PMCID: PMC7884683.

Karunamuni RA, Huynh-Le MP, Fan CC, Thompson W, Eeles RA, Kote-Jarai Z, Muir K, Lophatananon A; UKGPCS collaborators, Schleutker J, Pashayan N, Batra J; APCB BioResource (Australian Prostate Cancer BioResource), Grönberg H, Walsh EI, Turner EL, Lane A, Martin RM, Neal DE, Donovan JL, Hamdy FC, Nordestgaard BG, Tangen CM, MacInnis RJ, Wolk A, Albanes D, Haiman CA, Travis RC, Stanford JL, Mucci LA, West CML, Nielsen SF, Kibel AS, Wiklund F, Cussenot O, Berndt SI, Koutros S, Sørensen KD, Cybulski C, Grindedal EM, Park JY, Ingles SA, Maier C, Hamilton RJ, Rosenstein BS, Vega A; IMPACT Study Steering Committee and Collaborators, Kogevinas M, Penney KL, Teixeira MR, Brenner H, John EM, Kaneva R, Logothetis CJ, Neuhausen SL, Razack A, Newcomb LF; Canary PASS Investigators, Gamulin M, Usmani N, Claessens F, Gago-Dominguez M, Townsend PA, Roobol MJ, Zheng W; Profile Study Steering Committee, Mills IG, Andreassen OA, Dale AM, Seibert TM; PRACTICAL Consortium. Additional SNPs improve risk stratification of a polygenic hazard score for prostate cancer. *Prostate Cancer Prostatic Dis*. 2021 Jan 8. doi: 10.1038/s41391-020-00311-2. Epub ahead of print. PMID: 33420416.

Keaton JM, Hellwege JN, Giri A, Torstenson ES, Kovesdy CP, Sun YV, Wilson PWF, O'Donnell CJ, Edwards TL, Hung AM, Velez Edwards DR; Million Veteran Program. Associations of biogeographic ancestry with hypertension traits. *J Hypertens*. 2021 Jan 27. doi: 10.1097/HJH.0000000000002701. Epub ahead of print. PMID: 33534346.

Li R, Duan R, Zhang X, Lumley T, Pendergrass S, Bauer C, Hakonarson H, Carrell DS, Smoller JW, Wei WQ, Carroll R, Velez Edwards DR, Wiesner G, Sleiman P, Denny JC, Mosley JD, Ritchie MD, Chen Y, Moore JH. Lossless integration of multiple electronic health records for identifying pleiotropy using summary statistics. *Nat Commun*. 2021 Jan 8;12(1):168. doi: 10.1038/s41467-020-20211-2. PMID: 33420026; PMCID: PMC7794298.

Liu Y, Zhang A, Bao PP, Lin L, Wang Y, Wu H, Shu XO, Liu A, Cai Q. MicroRNA-374b inhibits breast cancer progression through regulating CCND1 and TGFA genes. *Carcinogenesis*. 2021 Jan 22;bgab005. doi: 10.1093/carcin/bgab005. Epub ahead of print. PMID: 33480984.

Morra A, Jung AY, Behrens S, Keeman R, Ahearn TU, Anton-Cluver H, Arndt V, Augustinsson A, Auvinen PK, Beane Freeman LE, Becher H, Beckmann MW, Bloomqvist C, Bojesen SE, Bolla MK, Brenner H, Briceno I, Brucker SY, Camp NJ, Campa D, Canzian F, Castela JE, Chanock SJ, Choi JY, Clarke CL, Couch FJ, Cox A, Cross SS, Czene K, Dörk T, Dunning AM, Dwek M, Easton DF, Eccles DM, Egan KM, Evans DG, Fasching PA, Flyger H, Gago-Dominguez M, Gapstur SM, Garcia-Saenz JA, Gaudet MM, Giles GG, Grip M, Guénel P, Haiman CA, Håkansson N, Hall P, Hamann U, Han SN, Hart SN, Hartman M, Heyworth JS,

Hoppe R, Hopper JL, Hunter DJ, Ito H, Jager A, Jakimovska M, Jakubowska A, Janni W, Kaaks R, Kang D, Middha Kapoor P, Kitahara CM, Koutros S, Kraft P, Kristensen VN, Lacey JV, Lambrechts D, Le Marchand L, Li J, Lindblom A, Lubiński J, Lush M, Mannermaa A, Manoochehri M, Margolin S, Mariapun S, Matsuo K, Mavroudis D, Milne RL, Muranen TA, Newman WG, Noh DY, Nordestgaard BG, Obi N, Olshan AF, Olsson H, Park-Simon TW, Petridis C, Pharoah PDP, Plaseska-Karanfilska D, Presneau N, Rashid MU, Rennert G, Rennert HS, Rhenius V, Romero A, Saloustros E, Sawyer EJ, Schneeweiss A, Schwentner L, Scott CG, Shah M, Shen CY, Shu XO, Southey MC, Stram DO, Tamimi RM, Tapper W, Tollenaar RAEM, Tomlinson I, Torres D, Troester MA, Truong T, Vachon CM, Wang Q, Wang SS, Williams JA, Winqvist R, Wolk A, Wu AH, Yoo KY, Yu JC, Zheng W, Ziogas A, Yang XR, Eliassen AH, Holmes MD, Garcia-Closas M, Teo SH, Schmidt MK, Chang-Claude J. Breast cancer risk factors and survival by tumor subtype: pooled analyses from the Breast Cancer Association Consortium. *Cancer Epidemiol Biomarkers Prev.* 2021 Jan 26;cebp.0924.2020. doi: 10.1158/1055-9965.EPI-20-0924. Epub ahead of print. PMID: 33500318.

Nair D, Bonnet K, Wild MG, Umeukeje EM, Fissell RB, Faulkner ML, Bahri NS, Bruce MA, Schlundt DG, Wallston KA, Cavanaugh KL. Psychological Adaptation to Serious Illness: A Qualitative Study of Culturally Diverse Patients With Advanced Chronic Kidney Disease. *J Pain Symptom Manage.* 2021 Jan;61(1):32-41.e2. doi: 10.1016/j.jpainsymman.2020.07.014. Epub 2020 Jul 22. PMID: 32711122; PMCID: PMC7770006.

Nelson LA, Greevy RA, Spieker A, Wallston KA, Elasy TA, Kripalani S, Gentry C, Bergner EM, LeSturgeon LM, Williamson SE, Mayberry LS. Effects of a Tailored Text Messaging Intervention Among Diverse Adults With Type 2 Diabetes: Evidence From the 15-Month REACH Randomized Controlled Trial. *Diabetes Care.* 2021 Jan;44(1):26-34. doi: 10.2337/dc20-0961. Epub 2020 Nov 5. PMID: 33154039; PMCID: PMC7783936.

Nguyen S, Li H, Yu D, Cai H, Gao J, Gao Y, Luu HN, Tran H, Xiang YB, Zheng W, Shu XO. Dietary fatty acids and colorectal cancer risk in men: A report from the Shanghai Men's Health Study and a meta-analysis. *Int J Cancer.* 2021 Jan 1;148(1):77-89. doi: 10.1002/ijc.33196. Epub 2020 Aug 31. PMID: 32638381.

Nikpay S, Keohane LM, Cheng A, Braun K, Buntin M, Lipworth L, Stevenson D. Utilization of Specialized Geriatric Care Among Medicare Beneficiaries with Alzheimer's Disease and Related Dementia: An Observational Analysis. *J Gen Intern Med.* 2021 Jan 22. doi: 10.1007/s11606-020-06460-3. Epub ahead of print. PMID: 33483810.

Ong JS, Dixon-Suen SC, Han X, An J; Esophageal Cancer Consortium; 23 and Me Research Team, Liyanage U, Dusingize JC, Schumacher J, Gockel I, Böhmer A, Jankowski J, Palles C, O'Mara T, Spurdle A, Law MH, Iles MM, Pharoah P, Berchuck A, Zheng W, Thrift AP, Olsen C, Neale RE, Gharahkhani P, Webb PM, MacGregor S. A comprehensive re-assessment of the association between vitamin D and cancer susceptibility using Mendelian randomization. *Nat Commun.* 2021 Jan 11;12(1):246. doi: 10.1038/s41467-020-20368-w. PMID: 33431812; PMCID: PMC7801600.

Park J, Lucas AM, Zhang X, Chaudhary K, Cho JH, Nadkarni G, Dobbyn A, Chittoor G, Josyula NS, Katz N, Breeyear JH, Ahmadmehrabi S, Drivas TG, Chavali VRM, Fasolino M, Sawada H, Daugherty A, Li Y, Zhang C, Bradford Y, Weaver J, Verma A, Judy RL, Kember RL, Overton JD, Reid JG, Ferreira MAR, Li AH, Baras A, LeMaire SA, Shen YH, Naji A, Kaestner KH, Vahedi G, Edwards TL, Chen J, Damrauer SM, Justice AE, Do R, Ritchie MD, Rader DJ. Exome-wide evaluation of rare coding variants using electronic health records identifies new gene-phenotype associations. *Nat Med*. 2021 Jan;27(1):66-72. doi: 10.1038/s41591-020-1133-8. Epub 2021 Jan 11. PMID: 33432171.

Siciliano RE, Thigpen JC, Desjardins L, Cook JL, Steele EH, Gruhn MA, Ichinose M, Park S, Esbenschade AJ, Pastakia D, Wellons JC, Compas BE. Working memory training in pediatric brain tumor survivors after recent diagnosis: Challenges and initial effects. *Appl Neuropsychol Child*. 2021 Jan 27:1-10. doi: 10.1080/21622965.2021.1875226. Epub ahead of print. PMID: 33501845.

Sun D, Richard M, Musani SK, Sung YJ, Winkler TW, Schwander K, Chai JF, Guo X, Kilpeläinen TO, Vojinovic D, Aschard H, Bartz TM, Bielak LF, Brown MR, Chitrala K, Hartwig FP, Horimoto ARVR, Liu Y, Manning AK, Noordam R, Smith AV, Harris SE, Kühnel B, Lyytikäinen LP, Nolte IM, Rauramaa R, van der Most PJ, Wang R, Ware EB, Weiss S, Wen W, Yanek LR, Arking DE, Arnett DK, Barac A, Boerwinkle E, Broeckel U, Chakravarti A, Chen YI, Cupples LA, Davigulus ML, de Las Fuentes L, de Mutsert R, de Vries PS, Delaney JAC, Roux AVD, Dörr M, Faul JD, Fretts AM, Gallo LC, Grabe HJ, Gu CC, Harris TB, Hartman CCA, Heikkinen S, Ikram MA, Isasi C, Johnson WC, Jonas JB, Kaplan RC, Komulainen P, Krieger JE, Levy D; Lifelines Cohort Study, Liu J, Lohman K, Luik AI, Martin LW, Meitinger T, Milaneschi Y, O'Connell JR, Palmas WR, Peters A, Peyser PA, Pulkki-Råback L, Raffel LJ, Reiner AP, Rice K, Robinson JG, Rosendaal FR, Schmidt CO, Schreiner PJ, Schwettmann L, Shikany JM, Shu XO, Sidney S, Sims M, Smith JA, Sotoodehnia N, Strauch K, Tai ES, Taylor K, Uitterlinden AG, van Duijn CM, Waldenberger M, Wee HL, Wei WB, Wilson G, Xuan D, Yao J, Zeng D, Zhao W, Zhu X, Zonderman AB, Becker DM, Deary IJ, Gieger C, Lakka TA, Lehtimäki T, North KE, Oldehinkel AJ, Penninx BWJH, Snieder H, Wang YX, Weir DR, Zheng W, Evans MK, Gauderman WJ, Gudnason V, Horta BL, Liu CT, Mook-Kanamori DO, Morrison AC, Pereira AC, Psaty BM, Amin N, Fox ER, Kooperberg C, Sim X, Bierut L, Rotter JI, Kardia SLR, Franceschini N, Rao DC, Fornage M. Multi-Ancestry Genome-wide Association Study Accounting for Gene-Psychosocial Factor Interactions Identifies Novel Loci for Blood Pressure Traits. *HGG Adv*. 2021 Jan 14;2(1):100013. doi: 10.1016/j.xhgg.2020.100013. Epub 2020 Oct 31. PMID: 34734193; PMCID: PMC8562625.

Tracy JD, Donnelly T, Sommer EC, Heerman WJ, Barkin SL, Buchowski MS. Identifying bedrest using waist-worn triaxial accelerometers in preschool children. *PLoS One*. 2021 Jan 28;16(1):e0246055. doi: 10.1371/journal.pone.0246055. PMID: 33507967; PMCID: PMC7842939.

Tsetsos F, Yu D, Sul JH, Huang AY, Illmann C, Osiecki L, Darrow SM, Hirschtritt ME, Greenberg E, Muller-Vahl KR, Stuhmann M, Dion Y, Rouleau GA, Aschauer H, Stamenkovic M, Schlögelhofer M, Sandor P, Barr CL, Grados MA, Singer HS, Nöthen MM, Hebebrand J, Hinney A, King RA, Fernandez TV, Barta C, Tarnok Z, Nagy P, Depienne C, Worbe Y,

Hartmann A, Budman CL, Rizzo R, Lyon GJ, McMahon WM, Batterson JR, Cath DC, Malaty IA, Okun MS, Berlin C, Woods DW, Lee PC, Jankovic J, Robertson MM, Gilbert DL, Brown LW, Coffey BJ, Dietrich A, Hoekstra PJ, Kuperman S, Zinner SH, Wagner M, Knowles JA, Jeremy Willsey A, Tischfield JA, Heiman GA, Cox NJ, Freimer NB, Neale BM, Davis LK, Coppola G, Mathews CA, Scharf JM, Paschou P; Tourette Association of America International Consortium for Genetics, Barr CL, Batterson JR, Berlin C, Budman CL, Cath DC, Coppola G, Cox NJ, Darrow S, Davis LK, Dion Y, Freimer NB, Grados MA, Greenberg E, Hirschtritt ME, Huang AY, Illmann C, King RA, Kurlan R, Leckman JF, Lyon GJ, Malaty IA, Mathews CA, McMahon WM, Neale BM, Okun MS, Osiecki L, Robertson MM, Rouleau GA, Sandor P, Scharf JM, Singer HS, Smit JH, Sul JH, Yu D; Gilles de la Tourette GWAS Replication Initiative, Aschauer HAH, Barta C, Budman CL, Cath DC, Depienne C, Hartmann A, Hebebrand J, Konstantinidis A, Mathews CA, Müller-Vahl K, Nagy P, Nöthen MM, Paschou P, Rizzo R, Rouleau GA, Sandor P, Scharf JM, Schlögelhofer M, Stamenkovic M, Stuhmann M, Tsetsos F, Tarnok Z, Wolanczyk T, Worbe Y; Tourette International Collaborative Genetics Study, Brown L, Cheon KA, Coffey BJ, Dietrich A, Fernandez TV, Garcia-Delgar B, Gilbert D, Grice DE, Hagström J, Hedderly T, Heiman GA, Heyman I, Hoekstra PJ, Huyser C, Kim YK, Kim YS, King RA, Koh YJ, Kook S, Kuperman S, Leventhal BL, Madruga-Garrido M, Mir P, Morer A, Münchau A, Plessen KJ, Roessner V, Shin EY, Song DH, Song J, Tischfield JA, Willsey AJ, Zinner S; Psychiatric Genomics Consortium Tourette Syndrome Working Group, Aschauer H, Barr CL, Barta C, Batterson JR, Berlin C, Brown L, Budman CL, Cath DC, Coffey BJ, Coppola G, Cox NJ, Darrow S, Davis LK, Depienne C, Dietrich A, Dion Y, Fernandez T, Freimer NB, Gilbert D, Grados MA, Greenberg E, Hartmann A, Hebebrand J, Heiman G, Hirschtritt ME, Hoekstra P, Huang AY, Illmann C, Jankovic J, King RA, Kuperman S, Lee PC, Lyon GJ, Malaty IA, Mathews CA, McMahon WM, Müller-Vahl K, Nagy P, Neale BM, Nöthen MM, Okun MS, Osiecki L, Paschou P, Rizzo R, Robertson MM, Rouleau GA, Sandor P, Scharf JM, Schlögelhofer M, Singer HS, Stamenkovic M, Stuhmann M, Sul JH, Tarnok Z, Tischfield J, Tsetsos F, Willsey AJ, Woods D, Worbe Y, Yu D, Zinner S. Synaptic processes and immune-related pathways implicated in Tourette syndrome. *Transl Psychiatry*. 2021 Jan 18;11(1):56. doi: 10.1038/s41398-020-01082-z. PMID: 33462189; PMCID: PMC7814139.

Yuan Y, Bao J, Chen Z, Villanueva AD, Wen W, Wang F, Zhao D, Fu X, Cai Q, Long J, Shu XO, Zheng D, Moreno V, Zheng W, Lin W, Guo X. Multi-omics analysis to identify susceptibility genes for colorectal cancer. *Hum Mol Genet*. 2021 Jan 22:ddab021. doi: 10.1093/hmg/ddab021. Epub ahead of print. PMID: 33481017.

Yu D, Nguyen SM, Yang Y, Xu W, Cai H, Wu J, Cai Q, Long J, Zheng W, Shu XO. Long-term diet quality is associated with gut microbiome diversity and composition among urban Chinese adults. *Am J Clin Nutr*. 2021 Jan 20:nqaa350. doi: 10.1093/ajcn/nqaa350. Epub ahead of print. PMID: 33471054.

Zheng NS, Warner JL, Osterman TJ, Wells QS, Shu XO, Deppen SA, Karp SJ, Dwyer S, Feng Q, Cox NJ, Peterson JF, Stein CM, Roden DM, Johnson KB, Wei WQ. A retrospective approach to evaluating potential adverse outcomes associated with delay of procedures for cardiovascular and cancer-related diagnoses in the context of COVID-19. *J Biomed Inform*. 2021 Jan;113:103657. doi: 10.1016/j.jbi.2020.103657. Epub 2020 Dec 10. PMID: 33309899; PMCID: PMC7728428.

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Banerdt JK, Mateyo K, Wang L, Lindsell CJ, Riviello ED, Saylor D, Heimbürger DC, Ely EW. Delirium as a predictor of mortality and disability among hospitalized patients in Zambia. *PLoS One*. 2021 Feb 11;16(2):e0246330. doi: 10.1371/journal.pone.0246330. PMID: 33571227; PMCID: PMC7877643.

Blechter B, Wong JYY, Agnes Hsiung C, Hosgood HD, Yin Z, Shu XO, Zhang H, Shi J, Song L, Song M, Zheng W, Wang Z, Caporaso N, Burdette L, Yeager M, Berndt SI, Teresa Landi M, Chen CJ, Chang GC, Hsiao CF, Tsai YH, Chen KY, Huang MS, Su WC, Chen YM, Chien LH, Chen CH, Yang TY, Wang CL, Hung JY, Lin CC, Perng RP, Chen CY, Chen KC, Li YJ, Yu CJ, Chen YS, Chen YH, Tsai FY, Jie Seow W, Bassig BA, Hu W, Ji BT, Wu W, Guan P, He Q, Gao YT, Cai Q, Chow WH, Xiang YB, Lin D, Wu C, Wu YL, Shin MH, Hong YC, Matsuo K, Chen K, Pik Wong M, Lu D, Jin L, Wang JC, Seow A, Wu T, Shen H, Fraumeni JF, Yang PC, Chang IS, Zhou B, Chanock SJ, Rothman N, Chatterjee N, Lan Q. Sub-multiplicative interaction between polygenic risk score and household coal use in relation to lung adenocarcinoma among never-smoking women in Asia. *Environ Int*. 2021 Feb;147:105975. doi: 10.1016/j.envint.2020.105975. Epub 2020 Dec 29. PMID: 33385923.

Coignard J, Lush M, Beesley J, O'Mara TA, Dennis J, Tyrer JP, Barnes DR, McGuffog L, Leslie G, Bolla MK, Adank MA, Agata S, Ahearn T, Aittomäki K, Andrulis IL, Anton-Culver H, Arndt V, Arnold N, Aronson KJ, Arun BK, Augustinsson A, Azzollini J, Barrowdale D, Baynes C, Becher H, Bermisheva M, Bernstein L, Białkowska K, Blomqvist C, Bojesen SE, Bonanni B, Borg A, Brauch H, Brenner H, Burwinkel B, Buys SS, Caldés T, Caligo MA, Campa D, Carter BD, Castela J, Chang-Claude J, Chanock SJ, Chung WK, Claes KBM, Clarke CL; GEMO Study Collaborators; EMBRACE Collaborators, Collée JM, Conroy DM, Czene K, Daly MB, Devilee P, Diez O, Ding YC, Domchek SM, Dörk T, Dos-Santos-Silva I, Dunning AM, Dwek M, Eccles DM, Eliassen AH, Engel C, Eriksson M, Evans DG, Fasching PA, Flyger H, Fostira F, Friedman E, Fritschi L, Frost D, Gago-Dominguez M, Gapstur SM, Garber J, Garcia-Barberan V, García-Closas M, García-Sáenz JA, Gaudet MM, Gayther SA, Gehrig A, Georgoulas V, Giles GG, Godwin AK, Goldberg MS, Goldgar DE, González-Neira A, Greene MH, Guénel P, Haeblerle L, Hahnen E, Haiman CA, Håkansson N, Hall P, Hamann U, Harrington PA, Hart SN, He W, Hogervorst FBL, Hollestelle A, Hopper JL, Horcasitas DJ, Hulick PJ, Hunter DJ, Imyanitov EN; KConFab Investigators; HEBON Investigators; ABCTB Investigators, Jager A, Jakubowska A, James PA, Jensen UB, John EM, Jones ME, Kaaks R, Kapoor PM, Karlan BY, Keeman R, Khusnutdinova E, Kiiski JI, Ko YD, Kosma VM, Kraft P, Kurian AW, Laitman Y, Lambrechts D, Le Marchand L, Lester J, Lesueur F, Lindstrom T, Lopez-Fernández A, Loud JT, Luccarini C, Mannermaa A, Manoukian S, Margolin S, Martens JWM, Mebirouk N, Meindl A, Miller A, Milne RL, Montagna M, Nathanson KL, Neuhausen SL, Nevanlinna H, Nielsen FC, O'Brien KM, Olopade OI, Olson JE, Olsson H, Osorio A, Ottini L, Park-Simon TW, Parsons MT, Pedersen IS, Peshkin B, Peterlongo P, Peto J, Pharoah PDP, Phillips KA, Polley EC, Poppe B, Presneau N, Pujana MA, Punie K, Radice P, Rantala J, Rashid MU, Rennert G, Rennert HS, Robson M, Romero A, Rossing M, Saloustros E, Sandler DP, Santella R, Scheuner MT, Schmidt MK, Schmidt G, Scott C, Sharma P, Soucy P, Southey MC, Spinelli JJ, Steinsnyder Z, Stone J,

Stoppa-Lyonnet D, Swerdlow A, Tamimi RM, Tapper WJ, Taylor JA, Terry MB, Teulé A, Thull DL, Tischkowitz M, Toland AE, Torres D, Trainer AH, Truong T, Tung N, Vachon CM, Vega A, Vijai J, Wang Q, Wappenschmidt B, Weinberg CR, Weitzel JN, Wendt C, Wolk A, Yadav S, Yang XR, Yannoukakos D, Zheng W, Ziogas A, Zorn KK, Park SK, Thomassen M, Offit K, Schmutzler RK, Couch FJ, Simard J, Chenevix-Trench G, Easton DF, Andrieu N, Antoniou AC. A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. *Nat Commun*. 2021 Feb 17;12(1):1078. doi: 10.1038/s41467-020-20496-3. PMID: 33597508; PMCID: PMC7890067.

Eisele Y, Mallea PM, Gigic B, Stephens WZ, Warby CA, Buhrke K, Lin T, Boehm J, Schrotz-King P, Hardikar S, Huang LC, Pickron TB, Scaife CL, Viskochil R, Koelsch T, Peoples AR, Pletneva MA, Bronner M, Schneider M, Ulrich AB, Swanson EA, Toriola AT, Shibata D, Li CI, Siegel EM, Figueiredo J, Janssen KP, Hauner H, Round J, Ulrich CM, Holowatyj AN, Ose J. Fusobacterium nucleatum and Clinicopathologic Features of Colorectal Cancer: Results From the ColoCare Study. *Clin Colorectal Cancer*. 2021 Feb 27:S1533-0028(21)00021-9. doi: 10.1016/j.clcc.2021.02.007. Epub ahead of print. PMID: 33935016.

Fan L, Yu D, Zhu X, Huang X, Murff HJ, Azcarate-Peril MA, Shrubsole MJ, Dai Q. Magnesium and imidazole propionate. *Clin Nutr ESPEN*. 2021 Feb;41:436-438. doi: 10.1016/j.clnesp.2020.12.011. Epub 2021 Jan 7. PMID: 33487303; PMCID: PMC7835418.

Fuseini H, Gyan BA, Kyei GB, Heimbürger DC, Koethe JR. Undernutrition and HIV Infection in Sub-Saharan Africa: Health Outcomes and Therapeutic Interventions. *Curr HIV/AIDS Rep*. 2021 Apr;18(2):87-97. doi: 10.1007/s11904-021-00541-6. Epub 2021 Feb 19. PMID: 33606196.

Hamooya BM, Musonda P, Mutale W, Masenga SK, Halwiindi H, Mutengo KH, Chiyenü KOR, Chongwe G, Koethe JR, Lipworth L, Heimbürger DC. Prevalence of low high-density lipoprotein among young adults receiving antiretroviral therapy in Zambia: An opportunity to consider non-communicable diseases in resource-limited settings. *PLoS One*. 2021 Feb 16;16(2):e0247004. doi: 10.1371/journal.pone.0247004. PMID: 33592027; PMCID: PMC7886128.

Hufnagel DH, Mehta ST, Ezekwe C, Brown AJ, Beeghly-Fadiel A, Prescott LS. Prevalence of Anemia and Compliance With NCCN Guidelines for Evaluation and Treatment of Anemia in Patients With Gynecologic Cancer. *J Natl Compr Canc Netw*. 2021 Feb 1;19(5):513-520. doi: 10.6004/jnccn.2020.7638. PMID: 33524941.

Huynh-Le MP, Fan CC, Karunamuni R, Thompson WK, Martinez ME, Eeles RA, Kote-Jarai Z, Muir K, Schleutker J, Pashayan N, Batra J, Grönberg H, Neal DE, Donovan JL, Hamdy FC, Martin RM, Nielsen SF, Nordestgaard BG, Wiklund F, Tangen CM, Giles GG, Wolk A, Albanes D, Travis RC, Blot WJ, Zheng W, Sanderson M, Stanford JL, Mucci LA, West CML, Kibel AS, Cussenot O, Berndt SI, Koutros S, Sørensen KD, Cybulski C, Grindedal EM, Menegaux F, Khaw KT, Park JY, Ingles SA, Maier C, Hamilton RJ, Thibodeau SN, Rosenstein BS, Lu YJ, Watya S, Vega A, Kogevinas M, Penney KL, Huff C, Teixeira MR, Multigner L, Leach RJ, Cannon-Albright L, Brenner H, John EM, Kaneva R, Logothetis CJ, Neuhausen SL, De Ruyck K, Pandha H, Razack A, Newcomb LF, Fowke JH, Gamulin M, Usmani N, Claessens F, Gago-

Dominguez M, Townsend PA, Bush WS, Roobol MJ, Parent MÉ, Hu JJ, Mills IG, Andreassen OA, Dale AM, Seibert TM; UKGPCS collaborators; APCB (Australian Prostate Cancer BioResource); NC-LA PCaP Investigators; IMPACT Study Steering Committee and Collaborators; Canary PASS Investigators; Profile Study Steering Committee; PRACTICAL Consortium. Polygenic hazard score is associated with prostate cancer in multi-ethnic populations. *Nat Commun.* 2021 Feb 23;12(1):1236. doi: 10.1038/s41467-021-21287-0. PMID: 33623038; PMCID: PMC7902617.

Jia G, Wen W, Massion PP, Shu XO, Zheng W. Incorporating Both Genetic and Tobacco Smoking Data to Identify High-Risk Smokers for Lung Cancer Screening. *Carcinogenesis.* 2021 Feb 26;bgab018. doi: 10.1093/carcin/bgab018. Epub ahead of print. PMID: 33640962.

López de Maturana E, Rodríguez JA, Alonso L, Lao O, Molina-Montes E, Martín-Antoniano IA, Gómez-Rubio P, Lawlor R, Carrato A, Hidalgo M, Iglesias M, Molero X, Löhr M, Michalski C, Perea J, O'Rorke M, Barberà VM, Tardón A, Farré A, Muñoz-Bellví L, Crnogorac-Jurcevic T, Domínguez-Muñoz E, Gress T, Greenhalf W, Sharp L, Arnes L, Cecchini L, Balsells J, Costello E, Ilzarbe L, Kleeff J, Kong B, Márquez M, Mora J, O'Driscoll D, Scarpa A, Ye W, Yu J; PanGenEU Investigators, García-Closas M, Kogevinas M, Rothman N, Silverman DT; SBC/EPICURO Investigators, Albanes D, Arslan AA, Beane-Freeman L, Bracci PM, Brennan P, Bueno-de-Mesquita B, Buring J, Canzian F, Du M, Gallinger S, Gaziano JM, Goodman PJ, Gunter M, LeMarchand L, Li D, Neale RE, Peters U, Petersen GM, Risch HA, Sánchez MJ, Shu XO, Thornquist MD, Visvanathan K, Zheng W, Chanock SJ, Easton D, Wolpin BM, Stolzenberg-Solomon RZ, Klein AP, Amundadottir LT, Marti-Renom MA, Real FX, Malats N. A multilayered post-GWAS assessment on genetic susceptibility to pancreatic cancer. *Genome Med.* 2021 Feb 1;13(1):15. doi: 10.1186/s13073-020-00816-4. PMID: 33517887; PMCID: PMC7849104.

Mocci E, Kundu P, Wheeler W, Arslan AA, Beane Freeman LE, Bracci PM, Brennan P, Canzian F, Du M, Gallinger S, Giles GG, Goodman PJ, Kooperberg C, Le Marchand L, Neale RE, Shu XO, Visvanathan K, White E, Zheng W, Albanes D, Andreotti G, Babic A, Bamlet WR, Berndt SI, Blackford AL, Bueno-de-Mesquita B, Buring JE, Campa D, Chanock SJ, Childs EJ, Duell EJ, Fuchs CS, Gaziano JM, Giovannucci EL, Goggins MG, Hartge P, Hassan MM, Holly EA, Hoover RN, Hung RJ, Kurtz RC, Lee IM, Malats N, Milne RL, Ng K, Oberg AL, Panico S, Peters U, Porta M, Rabe KG, Riboli E, Rothman N, Scelo G, Sesso HD, Silverman DT, Stevens VL, Strobel O, Thompson IM, Tjonneland A, Trichopoulou A, Van Den Eeden SK, Wactawski-Wende J, Wentzensen N, Wilkens LR, Yu H, Yuan F, Zeleniuch-Jacquotte A, Amundadottir LT, Li D, Jacobs EJ, Petersen GM, Wolpin BM, Risch HA, Kraft P, Chatterjee N, Klein AP, Stolzenberg-Solomon RZ. Smoking modifies pancreatic cancer risk loci on 2q21.3. *Cancer Res.* 2021 Feb 11;canres.3267.2020. doi: 10.1158/0008-5472.CAN-20-3267. Epub ahead of print. PMID: 33574088.

Ose J, Gigic B, Brezina S, Lin T, Baiertl A, Geijsen AJMR, van Roekel E, Robinot N, Gicquiau A, Achaintre D, Keski-Rahkonen P, Duijnhoven FJBV, Gumpenberger T, Holowatyj AN, Kok DE, Koole A, Schrotz-King P, Ulrich AB, Schneider M, Ulvik A, Ueland PM, Weijenberg MP, Habermann N, Scalbert A, Gsur A, M Ulrich C. Targeted Plasma Metabolic Profiles and Risk of Recurrence in Stage II and III Colorectal Cancer Patients: Results from an International Cohort

Consortium. *Metabolites*. 2021 Feb 24;11(3):129. doi: 10.3390/metabo11030129. PMID: 33668370; PMCID: PMC7996362.

Rebeiro PF, Aronoff DM, Smith MK. The Impact of State Mask-Wearing Requirements on the Growth of COVID-19 Cases in the United States. *Clin Infect Dis*. 2021 Feb 7:ciab101. doi: 10.1093/cid/ciab101. Epub ahead of print. PMID: 33550400; PMCID: PMC7929015.

Rengel KF, Hayhurst CJ, Jackson JC, Boncyk CS, Patel MB, Brummel NE, Shi Y, Shotwell MS, Ely EW, Pandharipande PP, Hughes CG. Motoric Subtypes of Delirium and Long-Term Functional and Mental Health Outcomes in Adults After Critical Illness. *Crit Care Med*. 2021 Feb 23. doi: 10.1097/CCM.0000000000004920. Epub ahead of print. PMID: 33729717.

Shidal C, Yoon HS, Zheng W, Wu J, Franke AA, Blot WJ, Shu XO, Cai Q. Prospective study of plasma levels of coenzyme Q10 and lung cancer risk in a low-income population in the Southeastern United States. *Cancer Med*. 2021 Feb;10(4):1439-1447. doi: 10.1002/cam4.3637. Epub 2021 Feb 6. PMID: 33547884; PMCID: PMC7926017.

Somerville K, Jenkins CA, Carlucci JG, Person AK, Machado DM, Luque MT, Pinto JA, Rouzier V, Friedman RK, McGowan CC, Shepherd BE, Rebeiro PF. Outcomes After Second-Line Antiretroviral Therapy in Children Living with HIV in Latin America. *J Acquir Immune Defic Syndr*. 2021 Feb 26. doi: 10.1097/QAI.0000000000002678. Epub ahead of print. PMID: 33675618.

Turi KN, Gebretsadik T, Ding T, Abreo A, Stone C, Hartert TV, Wu P. Dose, Timing, and Spectrum of Prenatal Antibiotic Exposure and Risk of Childhood Asthma. *Clin Infect Dis*. 2021 Feb 1;72(3):455-462. doi: 10.1093/cid/ciaa085. PMID: 31994697; PMCID: PMC7850553.

Wang F, Meszoely I, Pal T, Mayer IA, Bailey CE, Zheng W, Shu XO. Radiotherapy after breast-conserving surgery for elderly patients with early-stage breast cancer: A national registry-based study. *Int J Cancer*. 2021 Feb 15;148(4):857-867. doi: 10.1002/ijc.33265. Epub 2020 Sep 14. PMID: 32838477.

Wang F, Zheng W, Bailey CE, Mayer IA, Pietenpol JA, Shu XO. Racial/Ethnic Disparities in All-Cause Mortality among Patients Diagnosed with Triple-Negative Breast Cancer. *Cancer Res*. 2021 Feb 15;81(4):1163-1170. doi: 10.1158/0008-5472.CAN-20-3094. Epub 2020 Dec 3. PMID: 33272926.

Yang JJ, Yu D, Shu XO, Wen W, Rahman S, Abe S, Saito E, Gupta PC, He J, Tsugane S, Gao YT, Yuan JM, Koh WP, Sadakane A, Tomata Y, Tsuji I, Sugawara Y, Matsuo K, Ahn YO, Park SK, Chen Y, Inoue M, Kang D, Zheng W. Reduction in total and major cause-specific mortality from tobacco smoking cessation: a pooled analysis of 16 population-based cohort studies in Asia. *Int J Epidemiol*. 2021 Feb 5:dyab087. doi: 10.1093/ije/dyab087. Epub ahead of print. PMID: 34009320.

Ye Y, Burkholder GA, Mukherjee A, Chu D, Bansal A, Sudenga SL, Junkins A, Al Diffalha S, Saag MS, Shrestha S. A 12-year retrospective evaluation of anal pre-cancerous lesions and cancer

in people living with HIV-1 infection in the Southeastern U.S. *Infect Agent Cancer*. 2021 Feb 17;16(1):14. doi: 10.1186/s13027-021-00354-7. PMID: 33596943; PMCID: PMC7891006.

March

Antoon JW, Williams DJ, Thurm C, Bendel-Stenzel M, Spaulding AB, Teufel RJ 2nd, Reyes MA, Shah SS, Kenyon CC, Hersh AL, Florin TA, Grijalva CG. The COVID-19 Pandemic and Changes in Healthcare Utilization for Pediatric Respiratory and Nonrespiratory Illnesses in the United States. *J Hosp Med*. 2021 Mar 8. doi: 10.12788/jhm.3608. Epub ahead of print. PMID: 33734976.

Bogan CM, Pierce JM, Doss SD, Tao YK, Chen SC, Boyd KL, Liao A, Hsieh T, Abramson DH, Francis JH, Friedman DL, Richmond A, Daniels AB. Intravitreal melphalan hydrochloride vs propylene glycol-free melphalan for retinoblastoma vitreous seeds: Efficacy, toxicity and stability in rabbits models and patients. *Exp Eye Res*. 2021 Mar;204:108439. doi: 10.1016/j.exer.2021.108439. Epub 2021 Jan 11. PMID: 33444583.

Brummel NE, Hughes CG, Thompson JL, Jackson JC, Pandharipande P, McNeil JB, Raman R, Orun OM, Ware LB, Bernard GR, Ely EW, Girard TD. Inflammation and Coagulation during Critical Illness and Long-Term Cognitive Impairment and Disability. *Am J Respir Crit Care Med*. 2021 Mar 15;203(6):699-706. doi: 10.1164/rccm.201912-2449OC. PMID: 33030981; PMCID: PMC7958515.

Choi J, Jia G, Wen W, Shu XO, Zheng W. Healthy lifestyles, genetic modifiers, and colorectal cancer risk: a prospective cohort study in the UK Biobank. *Am J Clin Nutr*. 2021 Apr 6;113(4):810-820. doi: 10.1093/ajcn/nqaa404. PMID: 33675346; PMCID: PMC8023827.

Costello RB, Rosanoff A, Dai Q, Saldanha LG, Potischman NA. Perspective: Characterization of Dietary Supplements Containing Calcium and Magnesium and Their Respective Ratio-Is a Rising Ratio a Cause for Concern? *Adv Nutr*. 2021 Mar 31;12(2):291-297. doi: 10.1093/advances/nmaa160. PMID: 33367519.

Du Z, Gao G, Adedokun B, Ahearn T, Lunetta KL, Zirpoli G, Troester MA, Ruiz-Narváez EA, Haddad SA, Pal Choudhury P, Figueroa J, John EM, Bernstein L, Zheng W, Hu JJ, Ziegler RG, Nyante S, Bandera EV, Ingles SA, Mancuso N, Press MF, Deming SL, Rodriguez-Gil JL, Yao S, Ogundiran TO, Ojengbe O, Bolla MK, Dennis J, Dunning AM, Easton DF, Michailidou K, Pharoah PDP, Sandler DP, Taylor JA, Wang Q, Weinberg CR, Kitahara CM, Blot W, Nathanson KL, Hennis A, Nemesure B, Ambs S, Sucheston-Campbell LE, Bensen JT, Chanock SJ, Olshan AF, Ambrosone CB, Olopade OI, Yarney J, Awuah B, Addai Wiafe B, Conti DV; GBHS Study Team, Palmer JR, Garcia-Closas M, Huo D, Haiman CA. Evaluating Polygenic Risk Scores for Breast Cancer in Women of African Ancestry. *J Natl Cancer Inst*. 2021 Mar 26:djab050. doi: 10.1093/jnci/djab050. Epub ahead of print. PMID: 33769540.

Fan R, Chen Y, Nechuta S, Cai H, Gu K, Shi L, Bao P, Shyr Y, Shu XO, Ye F. Prediction models for breast cancer prognosis among Asian women. *Cancer*. 2021 Mar 11. doi: 10.1002/cncr.33425. Epub ahead of print. PMID: 33704778.

Fan L, Zhu X, Zheng Y, Zhang W, Seidner DL, Ness R, Murff HJ, Yu C, Huang X, Shrubsole MJ, Hou L, Dai Q. Magnesium Treatment on Methylation Changes of Transmembrane Serine Protease 2 (TMPRSS2). *medRxiv* [Preprint]. 2021 Mar 12:2021.03.11.21253287. doi: 10.1101/2021.03.11.21253287. PMID: 33758885; PMCID: PMC7987044.

Giulino-Roth L, Pei Q, Buxton A, Bush R, Wu Y, Wolden SL, Constone LS, Kelly KM, Schwartz CL, Friedman DL. Subsequent malignant neoplasms among children with Hodgkin lymphoma: a report from the Children's Oncology Group. *Blood*. 2021 Mar 18;137(11):1449-1456. doi: 10.1182/blood.2020007225. PMID: 33512412; PMCID: PMC7976513.

Graff M, Justice AE, Young KL, Marouli E, Zhang X, Fine RS, Lim E, Buchanan V, Rand K, Feitosa MF, Wojczynski MK, Yanek LR, Shao Y, Rohde R, Adeyemo AA, Aldrich MC, Allison MA, Ambrosone CB, Ambs S, Amos C, Arnett DK, Atwood L, Bandera EV, Bartz T, Becker DM, Berndt SI, Bernstein L, Bielak LF, Blot WJ, Bottinger EP, Bowden DW, Bradfield JP, Brody JA, Broeckel U, Burke G, Cade BE, Cai Q, Caporaso N, Carlson C, Carpten J, Casey G, Chanock SJ, Chen G, Chen M, Chen YI, Chen WM, Chesi A, Chiang CWK, Chu L, Coetzee GA, Conti DV, Cooper RS, Cushman M, Demerath E, Deming SL, Dimitrov L, Ding J, Diver WR, Duan Q, Evans MK, Falusi AG, Faul JD, Fornage M, Fox C, Freedman BI, Garcia M, Gillanders EM, Goodman P, Gottesman O, Grant SFA, Guo X, Hakonarson H, Haritunians T, Harris TB, Harris CC, Henderson BE, Hennis A, Hernandez DG, Hirschhorn JN, McNeill LH, Howard TD, Howard B, Hsing AW, Hsu YH, Hu JJ, Huff CD, Huo D, Ingles SA, Irvin MR, John EM, Johnson KC, Jordan JM, Kabagambe EK, Kang SJ, Kardia SL, Keating BJ, Kittles RA, Klein EA, Kolb S, Kolonel LN, Kooperberg C, Kuller L, Kutlar A, Lange L, Langefeld CD, Le Marchand L, Leonard H, Lettre G, Levin AM, Li Y, Li J, Liu Y, Liu Y, Liu S, Lohman K, Lotay V, Lu Y, Maixner W, Manson JE, McKnight B, Meng Y, Monda KL, Monroe K, Moore JH, Mosley TH, Mudgal P, Murphy AB, Nadukuru R, Nalls MA, Nathanson KL, Nayak U, N'Diaye A, Nemesure B, Neslund-Dudas C, Neuhouser ML, Nyante S, Ochs-Balcom H, OgunDIRAN TO, Ogunniyi A, Ojengbede O, Okut H, Olopade OI, Olshan A, Padhukasahasram B, Palmer J, Palmer CD, Palmer ND, Papanicolaou G, Patel SR, Pettaway CA, Peysner PA, Press MF, Rao DC, Rasmussen-Torvik LJ, Redline S, Reiner AP, Rhie SK, Rodriguez-Gil JL, Rotimi CN, Rotter JI, Ruiz-Narvaez EA, Rybicki BA, Salako B, Sale MM, Sanderson M, Schadt E, Schreiner PJ, Schurmann C, Schwartz AG, Shriner DA, Signorello LB, Singleton AB, Siscovick DS, Smith JA, Smith S, Speliotes E, Spitz M, Stanford JL, Stevens VL, Stram A, Strom SS, Sucheston L, Sun YV, Tajuddin SM, Taylor H, Taylor K, Tayo BO, Thun MJ, Tucker MA, Vaidya D, Van Den Berg DJ, Vedantam S, Vitolins M, Wang Z, Ware EB, Wassertheil-Smoller S, Weir DR, Wiencke JK, Williams SM, Williams LK, Wilson JG, Witte JS, Wrensch M, Wu X, Yao J, Zakai N, Zanetti K, Zemel BS, Zhao W, Zhao JH, Zheng W, Zhi D, Zhou J, Zhu X, Ziegler RG, Zmuda J, Zonderman AB, Psaty BM, Borecki IB, Cupples LA, Liu CT, Haiman CA, Loos R, Ng MCY, North KE. Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. *Am J Hum Genet*. 2021 Apr 1;108(4):564-582. doi: 10.1016/j.ajhg.2021.02.011. Epub 2021 Mar 12. PMID: 33713608; PMCID: PMC8059339.

Haddadin Z, Rankin DA, Lipworth L, Suh M, McHenry R, Blozinski A, George SS, Fernandez KN, Varjabedian R, Spieker AJ, Shepard DS, Halasa NB. Respiratory Virus Surveillance in Infants Across Different Clinical Setting. *J Pediatr*. 2021 Mar 24:S0022-3476(21)00274-2. doi: 10.1016/j.jpeds.2021.03.036. Epub ahead of print. PMID: 33774057.

Hung RJ, Warkentin MT, Brhane Y, Chatterjee N, Christiani DC, Landi MT, Caporaso NE, Liu G, Johansson M, Albanes D, Marchand LL, Tardon A, Rennert G, Bojesen SE, Chen C, Field JK, Kiemeny LA, Lazarus P, Zienolddiny S, Lam S, Andrew AS, Arnold SM, Aldrich MC, Bickeboller H, Risch A, Schabath MB, McKay JD, Brennan P, Amos CI. Assessing Lung Cancer Absolute Risk Trajectory Based on a Polygenic Risk Model. *Cancer Res*. 2021 Mar 15;81(6):1607-1615. doi: 10.1158/0008-5472.CAN-20-1237. Epub 2021 Jan 20. PMID: 33472890; PMCID: PMC7969419.

Jackson GG, Lopez CR, Bermudez ES, Hill NE, Roden DM, Ely EW, Stollings JL. Loperamide Induced Recurrent Torsades de Pointes: A Case Report. *J Pharm Pract*. 2021 Mar 29:8971900211004832. doi: 10.1177/08971900211004832. Epub ahead of print. PMID: 33779357.

Ji Y, Long J, Kweon SS, Kang D, Kubo M, Park B, Shu XO, Zheng W, Tao R, Li B. Incorporating European GWAS findings improve polygenic risk prediction accuracy of breast cancer among East Asians. *Genet Epidemiol*. 2021 Mar 19. doi: 10.1002/gepi.22382. Epub ahead of print. PMID: 33739539.

Kaluba L, Goma F, Guure C, Munsaka S, Mutale W, Heimburger DC, Chikopela T, Koethe JR. Immune activation and arterial stiffness in lean adults with HIV on antiretroviral therapy. *South Afr J HIV Med*. 2021 Mar 19;22(1):1190. doi: 10.4102/sajhivmed.v22i1.1190. PMID: 33824734; PMCID: PMC8008040.

Kapoor PM, Mavaddat N, Choudhury PP, Wilcox AN, Lindström S, Behrens S, Michailidou K, Dennis J, Bolla MK, Wang Q, Jung A, Abu-Ful Z, Ahearn T, Andrulis IL, Anton-Culver H, Arndt V, Aronson KJ, Auer PL, Freeman LEB, Becher H, Beckmann MW, Beeghly-Fadiel A, Benitez J, Bernstein L, Bojesen SE, Brauch H, Brenner H, Brüning T, Cai Q, Campa D, Canzian F, Carracedo A, Carter BD, Castelao JE, Chanock SJ, Chatterjee N, Chenevix-Trench G, Clarke CL, Couch FJ, Cox A, Cross SS, Czene K, Dai JY, Earp HS, Ekici AB, Eliassen AH, Eriksson M, Evans DG, Fasching PA, Figueroa J, Fritschi L, Gabrielson M, Gago-Dominguez M, Gao C, Gapstur SM, Gaudet MM, Giles GG, González-Neira A, Guénel P, Haeberle L, Haiman CA, Håkansson N, Hall P, Hamann U, Hatse S, Heyworth J, Hollecsek B, Hoover RN, Hopper JL, Howell A, Hunter DJ; ABCTB Investigators; kConFab/AOCS Investigators, John EM, Jones ME, Kaaks R, Keeman R, Kitahara CM, Ko YD, Koutros S, Kurian AW, Lambrechts D, Le Marchand L, Lee E, Lejbkowitz F, Linet M, Lissowska J, Llaneza A, MacInnis RJ, Martinez ME, Maurer T, McLean C, Neuhausen SL, Newman WG, Norman A, O'Brien KM, Olshan AF, Olson JE, Olsson H, Orr N, Perou CM, Pita G, Polley EC, Prentice RL, Rennert G, Rennert HS, Ruddy KJ, Sandler DP, Saunders C, Schoemaker MJ, Schöttker B, Schumacher F, Scott C, Scott RJ, Shu XO, Smeets A, Southey MC, Spinelli JJ, Stone J, Swerdlow AJ, Tamimi RM, Taylor JA, Troester MA, Vachon CM, van Veen EM, Wang X, Weinberg CR, Weltens C, Willett W,

Winham SJ, Wolk A, Yang XR, Zheng W, Ziogas A, Dunning AM, Pharoah PDP, Schmidt MK, Kraft P, Easton DF, Milne RL, García-Closas M, Chang-Claude J. Combined Associations of a Polygenic Risk Score and Classical Risk Factors With Breast Cancer Risk. *J Natl Cancer Inst.* 2021 Mar 1;113(3):329-337. doi: 10.1093/jnci/djaa056. PMID: 32359158; PMCID: PMC7936056.

Keim MC, Fladeboe K, Galtieri LR, Kawamura J, King K, Friedman D, Compas B, Breiger D, Lengua L, Katz LF. Primary and secondary caregiver depressive symptoms and family functioning following a pediatric cancer diagnosis: an exploration of the buffering hypothesis. *Psychooncology.* 2021 Mar 16. doi: 10.1002/pon.5676. Epub ahead of print. PMID: 33724595.

Lesseur C, Ferreira-Iglesias A, McKay JD, Bossé Y, Johansson M, Gaborieau V, Landi MT, Christiani DC, Caporaso NC, Bojesen SE, Amos CI, Shete S, Liu G, Rennert G, Albanes D, Aldrich MC, Tardon A, Chen C, Triantafillos L, Field JK, Teare MD, Kiemeny LA, Diergaarde B, Ferris RL, Zienolddiny S, Lam S, Olshan AF, Weissler MC, Lacko M, Risch A, Bickeböller H, Ness AR, Thomas S, Le Marchand L, Schabath MB, Wünsch-Filho V, Tajara EH, Andrew AS, Clifford GM, Lazarus P, Grankvist K, Johansson M, Arnold S, Melander O, Brunnström H, Boccia S, Cadoni G, Timens W, Obeidat M, Xiao X, Houlston RS, Hung RJ, Brennan P. Genome-wide association meta-analysis identifies pleiotropic risk loci for aerodigestive squamous cell cancers. *PLoS Genet.* 2021 Mar 5;17(3):e1009254. doi: 10.1371/journal.pgen.1009254. PMID: 33667223; PMCID: PMC7968735.

Liu K, Nakamura K, Katsukawa H, Elhadi M, Nydahl P, Ely EW, Kudchadkar SR, Takahashi K, Inoue S, Lefor AK, Kesecioglu J, Nishida O. ABCDEF Bundle and Supportive ICU Practices for Patients With Coronavirus Disease 2019 Infection: An International Point Prevalence Study. *Crit Care Explor.* 2021 Mar 12;3(3):e0353. doi: 10.1097/CCE.0000000000000353. PMID: 33786432; PMCID: PMC7994035.

Lo CH, Blot WJ, Teras LR, Visvanathan K, Le Marchand L, Haiman CA, Chen Y, Sesso HD, Wassertheil-Smoller S, Tinker LF, Peek RM, Potter JD, Cover TL, Zeleniuch-Jacquette A, Berndt SI, Waterboer T, Epplein M, Butt J, Song M. Prediagnostic Antibody Responses to *Fusobacterium nucleatum* Proteins Are Not Associated with Risk of Colorectal Cancer in a Large U.S. Consortium. *Cancer Epidemiol Biomarkers Prev.* 2021 Mar 18. doi: 10.1158/1055-9965.EPI-20-1471. Epub ahead of print. PMID: 33737297.

Martucci VL, Richmond B, Davis LK, Blackwell TS, Cox NJ, Samuels D, Edwards DV, Aldrich MC. Fate or coincidence: Do COPD and major depression share genetic risk factors? *Hum Mol Genet.* 2021 Mar 10;ddab068. doi: 10.1093/hmg/ddab068. Epub ahead of print. PMID: 33704461.

Marvi TK, Stubblefield WB, Tillman BF, Tenforde MW, Feldstein LR, Patel MM, Self WH, Grijalva CG, Rice TW. Thromboelastography Parameters and Platelet Count on Admission to the ICU and the Development of Venous Thromboembolism in Patients With Coronavirus Disease 2019. *Crit Care Explor.* 2021 Mar 17;3(3):e0354. doi: 10.1097/CCE.0000000000000354. PMID: 33786433; PMCID: PMC7994046.

Munro CL, Liang Z, Ji M, Elías MN, Chen X, Calero K, Ely EW. Family automated voice reorientation (FAVoR) intervention for mechanically ventilated patients in the intensive care unit: Study protocol for a randomized controlled trial. *Contemp Clin Trials*. 2021 Mar;102:106277. doi: 10.1016/j.cct.2021.106277. Epub 2021 Jan 19. PMID: 33482395; PMCID: PMC8009830.

NCD Risk Factor Collaboration (NCD-RisC). Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. *Elife*. 2021 Mar 9;10:e60060. doi: 10.7554/eLife.60060. PMID: 33685583; PMCID: PMC7943191.

Ose DJ, Viskochil R, Holowatyj AN, Larson M, Wilson D, Dunson WA, Deshmukh VG, Butcher JR, Taylor BR, Svoboda K, Leiser J, Tingey B, Haaland B, Wetter DW, Fisher SJ, Hashibe M, Ulrich CM. Understanding the Prevalence of Prediabetes and Diabetes in Patients With Cancer in Clinical Practice: A Real-World Cohort Study. *J Natl Compr Canc Netw*. 2021 Mar 10:1-10. doi: 10.6004/jnccn.2020.7653. Epub ahead of print. PMID: 34129522.

Peetluk LS, Ridolfi FM, Rebeiro PF, Liu D, Rolla VC, Sterling TR. Systematic review of prediction models for pulmonary tuberculosis treatment outcomes in adults. *BMJ Open*. 2021 Mar 2;11(3):e044687. doi: 10.1136/bmjopen-2020-044687. PMID: 33653759; PMCID: PMC7929865.

Pun BT, Badenes R, Heras La Calle G, Orun OM, Chen W, Raman R, Simpson BK, Wilson-Linville S, Hinojal Olmedillo B, Vallejo de la Cueva A, van der Jagt M, Navarro Casado R, Leal Sanz P, Orhun G, Ferrer Gómez C, Núñez Vázquez K, Piñeiro Otero P, Taccone FS, Gallego Curto E, Caricato A, Woien H, Lacave G, O'Neal HR Jr, Peterson SJ, Brummel NE, Girard TD, Ely EW, Pandharipande PP; COVID-19 Intensive Care International Study Group. Prevalence and risk factors for delirium in critically ill patients with COVID-19 (COVID-D): a multicentre cohort study. *Lancet Respir Med*. 2021 Mar;9(3):239-250. doi: 10.1016/S2213-2600(20)30552-X. Epub 2021 Jan 8. Erratum in: *Lancet Respir Med*. 2021 Jan 27;:; PMID: 33428871; PMCID: PMC7832119.

Raldow A, Adefres B, Warso M, Shinohara E, Anand S, Domenico HJ, Galloway MB, Pichert JW, Cooper WO. Unsolicited patient complaints among radiation, medical, and surgical oncologists. *Cancer*. 2021 Mar 16. doi: 10.1002/cncr.33513. Epub ahead of print. PMID: 33724453.

Reiner AS, Watt GP, John EM, Lynch CF, Brooks JD, Mellekjær L, Boice JD, Knight JA, Concannon P, Smith SA, Liang X, Woods M, Shore R, Malone KE, Bernstein L; WECARE Collaborative Study Group, Bernstein JL. Smoking, Radiation Therapy, and Contralateral Breast Cancer Risk in Young Women. *J Natl Cancer Inst*. 2021 Mar 29:djab047. doi: 10.1093/jnci/djab047. Epub ahead of print. PMID: 33779721.

Schneider BJ, Haring RS, Song A, Kim P, Ayers GD, Kennedy DJ, Jain NB. Characteristics of ambulatory spine care visits in the United States, 2009-2016. *J Back Musculoskelet Rehabil*. 2021 Mar 5. doi: 10.3233/BMR-200145. Epub ahead of print. PMID: 33720875.

Shah SC, Zhu X, Dai Q, Peek RM, Shrubsole MJ. Magnesium intake is associated with a reduced risk of incident liver cancer, based on an analysis of the NIH-American Association of Retired Persons (NIH-AARP) Diet and Health Study prospective cohort. *Am J Clin Nutr.* 2021 Mar 11;113(3):630-638. doi: 10.1093/ajcn/nqaa326. PMID: 33330925.

Shapiro DJ, Hall M, Lipsett SC, Hersh AL, Ambroggio L, Shah SS, Brogan TV, Gerber JS, Williams DJ, Grijalva CG, Blaschke AJ, Neuman MI. Short- Versus Prolonged-Duration Antibiotics for Outpatient Pneumonia in Children. *J Pediatr.* 2021 Mar 18:S0022-3476(21)00231-6. doi: 10.1016/j.jpeds.2021.03.017. Epub ahead of print. PMID: 33745996.

Shipe ME, Maiga AW, Deppen SA, Edwards GC, Marmor HN, Pinkerman R, Smith GT, Lio E, Wright JL, Shah C, Nesbitt JC, Grogan EL. Preoperative coronary artery calcifications in veterans predict higher all-cause mortality in early-stage lung cancer: a cohort study. *J Thorac Dis.* 2021 Mar;13(3):1427-1433. doi: 10.21037/jtd-20-2102. PMID: 33841935; PMCID: PMC8024847.

Tsilidis KK, Papadimitriou N, Dimou N, Gill D, Lewis SJ, Martin RM, Murphy N, Markozannes G, Zuber V, Cross AJ, Burrows K, Lopez DS, Key TJ, Travis RC, Perez-Cornago A, Hunter DJ, van Duijnhoven FJB, Albanes D, Arndt V, Berndt SI, Béziau S, Bishop DT, Boehm J, Brenner H, Burnett-Hartman A, Campbell PT, Casey G, Castellví-Bel S, Chan AT, Chang-Claude J, de la Chapelle A, Figueiredo JC, Gallinger SJ, Giles GG, Goodman PJ, Gsur A, Hampe J, Hampel H, Hoffmeister M, Jenkins MA, Keku TO, Kweon SS, Larsson SC, Le Marchand L, Li CI, Li L, Lindblom A, Martín V, Milne RL, Moreno V, Nan H, Nassir R, Newcomb PA, Offit K, Pharoah PDP, Platz EA, Potter JD, Qi L, Rennert G, Sakoda LC, Schafmayer C, Slattery ML, Snetselaar L, Schenk J, Thibodeau SN, Ulrich CM, Van Guelpen B, Harlid S, Visvanathan K, Vodickova L, Wang H, White E, Wolk A, Woods MO, Wu AH, Zheng W, Bueno-de-Mesquita B, Boutron-Ruault MC, Hughes DJ, Jakszyn P, Kühn T, Palli D, Riboli E, Giovannucci EL, Banbury BL, Gruber SB, Peters U, Gunter MJ. Genetically predicted circulating concentrations of micronutrients and risk of colorectal cancer among individuals of European descent: a Mendelian randomization study. *Am J Clin Nutr.* 2021 Mar 19:nqab003. doi: 10.1093/ajcn/nqab003. Epub ahead of print. PMID: 33740060.

April

Adgent MA, Gebretsadik T, Reedus J, Graves C, Garrison E, Bush N, Davis R, LeWinn KZ, Tylavsky F, Carroll KN. Gestational diabetes and childhood asthma in a racially diverse US pregnancy cohort. *Pediatr Allergy Immunol.* 2021 Apr 24. doi: 10.1111/pai.13523. Epub ahead of print. PMID: 33894077.

Banerdt JK, Mateyo K, Yan Y, Liu D, Zuo Y, Di Gravio C, Thome JC, Riviello ED, Saylor D, Ely EW, Heimburger DC. Risk factors for delirium among hospitalized patients in Zambia. *PLoS One.* 2021 Apr 8;16(4):e0249097. doi: 10.1371/journal.pone.0249097. PMID: 33831010; PMCID: PMC8031188.

Casey JD, Vaughan EM, Lloyd BD, Billas PA, Jackson KE, Hall EJ, Toporek AH, Buell KG, Brown RM, Richardson RK, Rooks JC, Buie RB, Wang L, Lindsell CJ, Ely EW, Self WH, Bernard GR, Rice TW, Semler MW; Vanderbilt Learning Healthcare System and the Pragmatic Critical Care Research Group. Protocolized Post-Extubation Respiratory Support to Prevent Reintubation: A Randomized Clinical Trial. *Am J Respir Crit Care Med*. 2021 Apr 1. doi: 10.1164/rccm.202009-3561OC. Epub ahead of print. PMID: 33794131.

Choi T, Devries M, Bacharier LB, Busse W, Camargo CA Jr, Cohen R, Demuri GP, Evans MD, Fitzpatrick AM, Gergen PJ, Grindle K, Gruchalla R, Hartert T, Hasegawa K, Khurana Hershey GK, Holt P, Homil K, Jartti T, Kattan M, Kercsmar C, Kim H, Laing IA, LeBeau P, Lee KE, Le Souëf PN, Liu A, Mauger DT, Ober C, Pappas T, Patel SJ, Phipatanakul W, Pongratic J, Seroogy C, Sly PD, Tisler C, Wald ER, Wood R, Gangnon R, Jackson DJ, Lemanske RF Jr, Gern JE, Bochkov YA. Enhanced Neutralizing Antibody Responses to Rhinovirus C and Age-Dependent Patterns of Infection. *Am J Respir Crit Care Med*. 2021 Apr 1;203(7):822-830. doi: 10.1164/rccm.202010-3753OC. PMID: 33357024; PMCID: PMC8017585.

Chowdhury F, Wang L, Al-Raqad M, Amor DJ, Baxová A, Bendová Š, Biamino E, Brusco A, Caluseriu O, Cox NJ, Froukh T, Gunay-Aygun M, Hančárová M, Haynes D, Heide S, Hoganson G, Kaname T, Keren B, Kosaki K, Kubota K, Lemons JM, Magriña MA, Mark PR, McDonald MT, Montgomery S, Morley GM, Ohnishi H, Okamoto N, Rodriguez-Buritica D, Rump P, Sedláček Z, Schatz K, Streff H, Uehara T, Walia JS, Wheeler PG, Wiesener A, Zweier C, Kawakami K, Wentzensen IM, Lalani SR, Siu VM, Bi W, Balci TB. Haploinsufficiency of PRR12 causes a spectrum of neurodevelopmental, eye, and multisystem abnormalities. *Genet Med*. 2021 Apr 6. doi: 10.1038/s41436-021-01129-6. Epub ahead of print. PMID: 33824499.

Cui Y, Zheng W, Steinwandel M, Cai H, Sanderson M, Blot W, Shu XO. Associations of Depressive Symptoms With All-Cause and Cause-Specific Mortality by Race in a Population of Low Socioeconomic Status: A Report From the Southern Community Cohort Study. *Am J Epidemiol*. 2021 Apr 6;190(4):562-575. doi: 10.1093/aje/kwaa216. PMID: 33034339; PMCID: PMC8024049.

Fiest KM, Soo A, Hee Lee C, Niven DJ, Ely EW, Doig CJ, Stelfox HT. Long-Term Outcomes in Intensive Care Unit Patients with Delirium: A Population-Based Cohort Study. *Am J Respir Crit Care Med*. 2021 Apr 6. doi: 10.1164/rccm.202002-0320OC. Epub ahead of print. PMID: 33823122.

Gaziano L, Giambartolomei C, Pereira AC, Gaulton A, Posner DC, Swanson SA, Ho YL, Iyengar SK, Kosik NM, Vujkovic M, Gagnon DR, Bento AP, Barrio-Hernandez I, Rönnblom L, Hagberg N, Lundtoft C, Langenberg C, Pietzner M, Valentine D, Gustincich S, Tartaglia GG, Allara E, Surendran P, Burgess S, Zhao JH, Peters JE, Prins BP, Angelantonio ED, Devineni P, Shi Y, Lynch KE, DuVall SL, Garcon H, Thomann LO, Zhou JJ, Gorman BR, Huffman JE, O'Donnell CJ, Tsao PS, Beckham JC, Pyarajan S, Muralidhar S, Huang GD, Ramoni R, Beltrao P, Danesh J, Hung AM, Chang KM, Sun YV, Joseph J, Leach AR, Edwards TL, Cho K, Gaziano JM, Butterworth AS, Casas JP; VA Million Veteran Program COVID-19 Science Initiative. Actionable druggable genome-wide Mendelian randomization identifies repurposing

opportunities for COVID-19. *Nat Med*. 2021 Apr;27(4):668-676. doi: 10.1038/s41591-021-01310-z. Epub 2021 Apr 9. PMID: 33837377.

Gibbs T, Washington MK, Eng C, Idrees K, Davis J, Holowatyj AN. Histologic and Racial/Ethnic Patterns of Appendiceal Cancer among Young Patients. *Cancer Epidemiol Biomarkers Prev*. 2021 Apr 1. doi: 10.1158/1055-9965.EPI-20-1505. Epub ahead of print. PMID: 33795212.

Grijalva CG. WHAT FRACTION OF ADULT COMMUNITY-ACQUIRED PNEUMONIA IS CAUSED BY THE PNEUMOCOCCUS? NEW INSIGHTS FROM SPAIN. *Clin Infect Dis*. 2021 Apr 14:ciab314. doi: 10.1093/cid/ciab314. Epub ahead of print. PMID: 33851210.

Grusky AZ, Song A, Kim P, Ayers GD, Higgins LD, Kuhn JE, Baumgarten KM, Matzkin E, Jain NB. Factors Associated With Symptomatic Rotator Cuff Tears: The Rotator Cuff Outcomes Workgroup Cohort Study. *Am J Phys Med Rehabil*. 2021 Apr 1;100(4):331-336. doi: 10.1097/PHM.0000000000001684. PMID: 33443862; PMCID: PMC7969413.

Hamooya BM, Mulenga LB, Masenga SK, Fwemba I, Chirwa L, Siwingwa M, Halwiindi H, Koethe JR, Lipworth L, Heimbürger DC, Musonda P, Mutale W. Metabolic syndrome in Zambian adults with human immunodeficiency virus on antiretroviral therapy: Prevalence and associated factors. *Medicine (Baltimore)*. 2021 Apr 9;100(14):e25236. doi: 10.1097/MD.00000000000025236. PMID: 33832083; PMCID: PMC8036111.

Grome HN, Rebeiro PF, Brantley M, Herrera-Vasquez D, Mathieson SA, Pettit AC. Risk of HIV diagnosis following bacterial sexually transmitted infections in Tennessee, 2013-2017. *Sex Transm Dis*. 2021 Apr 14. doi: 10.1097/OLQ.0000000000001440. Epub ahead of print. PMID: 33859145.

Han JH, Ginde AA, Brown SM, Baughman A, Collar EM, Ely EW, Gong MN, Hope AA, Hou PC, Hough CL, Iwashyna TJ, Jackson JC, Khan A, Orun OM, Patel MB, Raman R, Rice TW, Ringwood N, Semler MW, Shapiro NI, Talmor DS, Self WH; Vitamin D to Improve Outcomes by Leveraging Early Treatment Network Investigators. Effect of Early High-Dose Vitamin D3 Repletion on Cognitive Outcomes in Critically Ill Adults. *Chest*. 2021 Apr 2:S0012-3692(21)00659-0. doi: 10.1016/j.chest.2021.03.046. Epub ahead of print. PMID: 33819472.

Holowatyj AN, Perea J, Lieu CH. Gut instinct: a call to study the biology of early-onset colorectal cancer disparities. *Nat Rev Cancer*. 2021 Apr 8. doi: 10.1038/s41568-021-00356-y. Epub ahead of print. PMID: 33833408.

Huang BZ, Wang S, Bogumil D, Wilkens LR, Wu L, Blot WJ, Zheng W, Shu XO, Pandol SJ, Le Marchand L, Setiawan VW. Red meat consumption, cooking mutagens, NAT1/2 genotypes and pancreatic cancer risk in two ethnically diverse prospective cohorts. *Int J Cancer*. 2021 Apr 12. doi: 10.1002/ijc.33598. Epub ahead of print. PMID: 33844845.

Hughes CG, Hayhurst CJ, Pandharipande PP, Shotwell MS, Feng X, Wilson JE, Brummel NE, Girard TD, Jackson JC, Ely EW, Patel MB. Association of Delirium during Critical Illness With

Mortality: Multicenter Prospective Cohort Study. *Anesth Analg*. 2021 Apr 30. doi: 10.1213/ANE.0000000000005544. Epub ahead of print. PMID: 33929361.

Hughes CG, Mailloux PT, Devlin JW, Swan JT, Sanders RD, Anzueto A, Jackson JC, Hoskins AS, Pun BT, Orun OM, Raman R, Stollings JL, Kiehl AL, Duprey MS, Bui LN, O'Neal HR Jr, Snyder A, Gropper MA, Guntupalli KK, Stashenko GJ, Patel MB, Brummel NE, Girard TD, Dittus RS, Bernard GR, Ely EW, Pandharipande PP; MENDS2 Study Investigators. Dexmedetomidine or Propofol for Sedation in Mechanically Ventilated Adults with Sepsis. *N Engl J Med*. 2021 Apr 15;384(15):1424-1436. doi: 10.1056/NEJMoa2024922. Epub 2021 Feb 2. PMID: 33528922.

Levin MG, Klarin D, Walker VM, Gill D, Lynch J, Hellwege JN, Keaton JM, Lee KM, Assimes TL, Natarajan P, Hung AM, Edwards T, Rader DJ, Gaziano JM, Davies NM, Tsao PS, Chang KM, Voight BF, Damrauer SM. Association Between Genetic Variation in Blood Pressure and Increased Lifetime Risk of Peripheral Artery Disease. *Arterioscler Thromb Vasc Biol*. 2021 Apr 15:ATVBAHA120315482. doi: 10.1161/ATVBAHA.120.315482. Epub ahead of print. PMID: 33853351.

Malik R, Georgakis MK, Vujkovic M, Damrauer SM, Elliott P, Karhunen V, Giontella A, Fava C, Hellwege JN, Shuey MM, Edwards TL, Rogne T, Åsvold BO, Brumpton BM, Burgess S, Dichgans M, Gill D. Relationship Between Blood Pressure and Incident Cardiovascular Disease: Linear and Nonlinear Mendelian Randomization Analyses. *Hypertension*. 2021 Jun;77(6):2004-2013. doi: 10.1161/HYPERTENSIONAHA.120.16534. Epub 2021 Apr 5. PMID: 33813844; PMCID: PMC8115430.

Martinez NE, Jokisch DW, Dauer LT, Eckerman KF, Goans RE, Brockman JD, Tolmachev SY, Avtandilashvili M, Mumma MT, Boice JD Jr, Leggett RW. Radium dial workers: back to the future. *Int J Radiat Biol*. 2021 Apr 26:1-19. doi: 10.1080/09553002.2021.1917785. Epub ahead of print. PMID: 33900890.

Orun OM, Shinall MC Jr, Hoskins A, Morgan E, Karlekar M, Martin SF, Ely EW, Raman R. Statistical analysis plan for the Surgery for Cancer with Option of Palliative Care Expert (SCOPE) trial: a randomized controlled trial of a specialist palliative care intervention for patients undergoing surgery for cancer. *Trials*. 2021 Apr 29;22(1):314. doi: 10.1186/s13063-021-05256-y. PMID: 33926535; PMCID: PMC8082922.

Osarogiagbon RU, Smeltzer MP, Faris NR, Ray MA, Fehnel C, Ojeabulu P, Akinbobola O, Meadows-Taylor M, McHugh LM, Halal AM, Levy P, Sachdev V, Talton D, Wiggins L, Shu XO, Shyr Y, Robbins ET, Klesges LM. Outcomes After Use of a Lymph Node Collection Kit for Lung Cancer Surgery: A Pragmatic, Population-Based, Multi-Institutional, Staggered Implementation Study. *J Thorac Oncol*. 2021 Apr;16(4):630-642. doi: 10.1016/j.jtho.2020.12.025. Epub 2021 Feb 16. PMID: 33607311; PMCID: PMC8012255.

Pan XF, Huang Y, Li X, Wang Y, Ye Y, Chen H, Marklund M, Wen Y, Liu Y, Zeng H, Qi X, Yang X, Yang CX, Liu G, Gibson RA, Xu S, Yu D, Chen D, Li Y, Mei Z, Pan A, Wu JH. Circulating fatty acids and risk of gestational diabetes mellitus: prospective analyses in China.

Eur J Endocrinol. 2021 Apr 1:EJE-21-0118.R1. doi: 10.1530/EJE-21-0118. Epub ahead of print. PMID: 33914701.

Pastorino S, Bishop T, Sharp SJ, Pearce M, Akbaraly T, Barbieri NB, Bes-Rastrollo M, Beulens JWJ, Chen Z, Du H, Duncan BB, Goto A, Härkänen T, Hashemian M, Kromhout D, Järvinen R, Kivimäki M, Knekt P, Lin X, Lund E, Magliano DJ, Malekzadeh R, Martínez-González MÁ, O'Donoghue G, O'Gorman D, Poustchi H, Rylander C, Sawada N, Shaw JE, Schmidt M, Soedamah-Muthu SS, Sun L, Wen W, Wolk A, Shu XO, Zheng W, Wareham NJ, Forouhi NG. Heterogeneity of Associations between Total and Types of Fish Intake and the Incidence of Type 2 Diabetes: Federated Meta-Analysis of 28 Prospective Studies Including 956,122 Participants. *Nutrients.* 2021 Apr 7;13(4):1223. doi: 10.3390/nu13041223. PMID: 33917229; PMCID: PMC8068031.

Pettit AC, Bian A, Schember CO, Rebeiro PF, Keruly JC, Mayer KH, Mathews WC, Moore RD, Crane HM, Geng E, Napravnik S, Shepherd BE, Mugavero MJ. Development and Validation of a Multivariable Prediction Model for Missed HIV Health Care Provider Visits in a Large US Clinical Cohort. *Open Forum Infect Dis.* 2021 Apr 8;8(7):ofab130. doi: 10.1093/ofid/ofab130. PMID: 34327249; PMCID: PMC8314944.

Pierce LJ, Rebeiro P, Brantley M, Fields EL, Jenkins CA, Griffith DM, Conserve D, Shepherd B, Wester C, Ahonkhai AA. Who Is Not Linking to HIV Care in Tennessee - the Benefits of an Intersectional Approach. *J Racial Ethn Health Disparities.* 2021 Apr 19. doi: 10.1007/s40615-021-01023-6. Epub ahead of print. PMID: 33876409.

Richardson TL Jr, Hackstadt AJ, Hung AM, Greevy RA, Grijalva CG, Griffin MR, Elasy TA, Roumie CL. Hospitalization for Heart Failure Among Patients With Diabetes Mellitus and Reduced Kidney Function Treated With Metformin Versus Sulfonylureas: A Retrospective Cohort Study. *J Am Heart Assoc.* 2021 Apr 6:e019211. doi: 10.1161/JAHA.120.019211. Epub ahead of print. PMID: 33821674.

Rosgen BK, Krewulak KD, Davidson JE, Ely EW, Stelfox HT, Fiest KM. Associations between caregiver-detected delirium and symptoms of depression and anxiety in family caregivers of critically ill patients: a cross-sectional study. *BMC Psychiatry.* 2021 Apr 9;21(1):187. doi: 10.1186/s12888-021-03200-7. PMID: 33836699; PMCID: PMC8035728.

Sanchez-Roige S, Cox NJ, Johnson EO, Hancock DB, Davis LK. Alcohol and cigarette smoking consumption as genetic proxies for alcohol misuse and nicotine dependence. *Drug Alcohol Depend.* 2021 Apr 1;221:108612. doi: 10.1016/j.drugalcdep.2021.108612. Epub 2021 Feb 15. PMID: 33631543; PMCID: PMC8026738.

Shidal C, Shu X, Wu J, Wang J, Huang S, Long J, Bauer JA, Ping J, Guo X, Zheng W, Shu XO, Cai Q. Functional Genomic Analyses of the 21q22.3 Locus Identifying Functional Variants and Candidate Gene YBEY for Breast Cancer Risk. *Cancers (Basel).* 2021 Apr 23;13(9):2037. doi: 10.3390/cancers13092037. PMID: 33922500; PMCID: PMC8122893.

Shu X, Cai H, Lan Q, Cai Q, Ji BT, Zheng W, Shu XO. A Prospective Investigation of Circulating Metabolome Identifies Potential Biomarkers for Gastric Cancer Risk. *Cancer*

Epidemiol Biomarkers Prev. 2021 Apr 1. doi: 10.1158/1055-9965.EPI-20-1633. Epub ahead of print. PMID: 33795214.

Wang H, Noordam R, Cade BE, Schwander K, Winkler TW, Lee J, Sung YJ, Bentley AR, Manning AK, Aschard H, Kilpeläinen TO, Ilkov M, Brown MR, Horimoto AR, Richard M, Bartz TM, Vojinovic D, Lim E, Nierenberg JL, Liu Y, Chitrala K, Rankinen T, Musani SK, Franceschini N, Rauramaa R, Alver M, Zee PC, Harris SE, van der Most PJ, Nolte IM, Munroe PB, Palmer ND, Kühnel B, Weiss S, Wen W, Hall KA, Lyytikäinen LP, O'Connell J, Eiriksdottir G, Launer LJ, de Vries PS, Arking DE, Chen H, Boerwinkle E, Krieger JE, Schreiner PJ, Sidney S, Shikany JM, Rice K, Chen YI, Gharib SA, Bis JC, Luik AI, Ikram MA, Uitterlinden AG, Amin N, Xu H, Levy D, He J, Lohman KK, Zonderman AB, Rice TK, Sims M, Wilson G, Sofer T, Rich SS, Palmas W, Yao J, Guo X, Rotter JI, Biermasz NR, Mook-Kanamori DO, Martin LW, Barac A, Wallace RB, Gottlieb DJ, Komulainen P, Heikkinen S, Mägi R, Milani L, Metspalu A, Starr JM, Milanesechi Y, Waken RJ, Gao C, Waldenberger M, Peters A, Strauch K, Meitinger T, Roenneberg T, Völker U, Dörr M, Shu XO, Mukherjee S, Hillman DR, Kähönen M, Wagenknecht LE, Gieger C, Grabe HJ, Zheng W, Palmer LJ, Lehtimäki T, Gudnason V, Morrison AC, Pereira AC, Fornage M, Psaty BM, van Duijn CM, Liu CT, Kelly TN, Evans MK, Bouchard C, Fox ER, Kooperberg C, Zhu X, Lakka TA, Esko T, North KE, Deary IJ, Snieder H, Penninx BWJH, Gauderman WJ, Rao DC, Redline S, van Heemst D. Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. *Mol Psychiatry.* 2021 Apr 15. doi: 10.1038/s41380-021-01087-0. Epub ahead of print. PMID: 33859359.

Wang X, Zhang L, Dai Q, Si H, Zhang L, Eltom SE, Si H. Combined Luteolin and Indole-3-Carbinol Synergistically Constrains ER α -Positive Breast Cancer by Dual Inhibiting Estrogen Receptor Alpha and Cyclin-Dependent Kinase 4/6 Pathway in Cultured Cells and Xenograft Mice. *Cancers (Basel).* 2021 Apr 27;13(9):2116. doi: 10.3390/cancers13092116. PMID: 33925607; PMCID: PMC8123907.

Wiese AD, Osmundson SS, Mitchel E Jr, Adgent M, Phillips S, Patrick SW, Horn A, Samuels LR, Griffin MR, Grijalva CG. Prescription Opioid Dose After Vaginal Delivery and the Risk of Serious Opioid-Related Events: A Retrospective Cohort Study. *Womens Health Issues.* 2021 Apr 14:S1049-3867(21)00024-4. doi: 10.1016/j.whi.2021.03.002. Epub ahead of print. PMID: 33865673.

Yang AJ, Haring RS, Swenson TL, Jain NB. Factors Influencing Fellowship Decision Making During Physical Medicine & Rehabilitation Residency. *Am J Phys Med Rehabil.* 2021 Apr 1;100(4):396-401. doi: 10.1097/PHM.0000000000001608. PMID: 33002916.

Yang JJ, Shu XO, Herrington DM, Moore SC, Meyer KA, Ose J, Menni C, Palmer ND, Eliassen H, Harada S, Tzoulaki I, Zhu H, Albanes D, Wang TJ, Zheng W, Cai H, Ulrich CM, Guasch-Ferré M, Karaman I, Fornage M, Cai Q, Matthews CE, Wagenknecht LE, Elliott P, Gerszten RE, Yu D. Circulating trimethylamine N-oxide in association with diet and cardiometabolic biomarkers: an international pooled analysis. *Am J Clin Nutr.* 2021 May 8;113(5):1145-1156. doi: 10.1093/ajcn/nqaa430. PMID: 33826706; PMCID: PMC8106754.

Yu D, Yang Y, Long J, Xu W, Cai Q, Wu J, Cai H, Zheng W, Shu XO. Long-term Diet Quality and Gut Microbiome Functionality: A Prospective, Shotgun Metagenomic Study among Urban Chinese Adults. *Curr Dev Nutr*. 2021 Apr 2;5(4):nzab026. doi: 10.1093/cdn/nzab026. PMID: 33937616; PMCID: PMC8068758.

Zhu J, O'Mara TA, Liu D, Setiawan VW, Glubb D, Spurdle AB, Fasching PA, Lambrechts D, Buchanan D, Kho PF, Cook LS, Friedenreich C, Lacey JV, Chen C, Wentzensen N, De Vivo I, Sun Y, Long J, Du M, Shu XO, Zheng W, Wu L, Yu H. Associations between Genetically Predicted Circulating Protein Concentrations and Endometrial Cancer Risk. *Cancers (Basel)*. 2021 Apr 26;13(9):2088. doi: 10.3390/cancers13092088. PMID: 33925895; PMCID: PMC8123478.

May

Bogan CM, Kaczmarek JV, Pierce JM, Chen SC, Boyd KL, Calcutt MW, Bridges TM, Lindsley CW, Nadelmann JB, Liao A, Hsieh T, Abramson DH, Francis JH, Friedman DL, Richmond A, Daniels AB. Evaluation of intravitreal topotecan dose levels, toxicity and efficacy for retinoblastoma vitreous seeds: a preclinical and clinical study. *Br J Ophthalmol*. 2021 May 10:bjophthalmol-2020-318529. doi: 10.1136/bjophthalmol-2020-318529. Epub ahead of print. PMID: 33972235.

Bunin J, Shohfi E, Meyer H, Ely EW, Varpio L. The burden they bear: A scoping review of physician empathy in the intensive care unit. *J Crit Care*. 2021 May 29;65:156-163. doi: 10.1016/j.jcrc.2021.05.014. Epub ahead of print. PMID: 34157584.

Chen Y, Hu N, Liao L, Yu K, Shu XO, Zheng W, Yuan JM, Koh WP, Qiao YL, Fan JH, Dawsey SM, Freedman ND, Taylor PR, Goldstein AM, Abnet CC. ABO genotypes and the risk of esophageal and gastric cancers. *BMC Cancer*. 2021 May 22;21(1):589. doi: 10.1186/s12885-021-08334-1. PMID: 34022824; PMCID: PMC8141232.

Choi J, Jia G, Wen W, Long J, Shu XO, Zheng W. Effects of Screenings in Reducing Colorectal Cancer Incidence and Mortality Differ by Polygenic Risk Scores. *Clin Transl Gastroenterol*. 2021 May 6;12(5):e00344. doi: 10.14309/ctg.0000000000000344. PMID: 33955373; PMCID: PMC8104134.

Coignard J, Lush M, Beesley J, O'Mara TA, Dennis J, Tyrer JP, Barnes DR, McGuffog L, Leslie G, Bolla MK, Adank MA, Agata S, Ahearn T, Aittomäki K, Andrulis IL, Anton-Culver H, Arndt V, Arnold N, Aronson KJ, Arun BK, Augustinsson A, Azzollini J, Barrowdale D, Baynes C, Becher H, Bermisheva M, Bernstein L, Białkowska K, Blomqvist C, Bojesen SE, Bonanni B, Borg A, Brauch H, Brenner H, Burwinkel B, Buys SS, Caldés T, Caligo MA, Campa D, Carter BD, Castela JE, Chang-Claude J, Chanock SJ, Chung WK, Claes KBM, Clarke CL; GEMO Study Collaborators; EMBRACE Collaborators, Collée JM, Conroy DM, Czene K, Daly MB, Devilee P, Diez O, Ding YC, Domchek SM, Dörk T, Dos-Santos-Silva I, Dunning AM, Dwek M, Eccles DM, Eliassen AH, Engel C, Eriksson M, Evans DG, Fasching PA, Flyger H, Fostira F, Friedman E, Fritschi L, Frost D, Gago-Dominguez M, Gapstur SM, Garber J, Garcia-Barberan V, García-Closas M, García-Sáenz JA, Gaudet MM, Gayther SA, Gehrige A, Georgoulas V,

Giles GG, Godwin AK, Goldberg MS, Goldgar DE, González-Neira A, Greene MH, Guénel P, Haeberle L, Hahnen E, Haiman CA, Håkansson N, Hall P, Hamann U, Harrington PA, Hart SN, He W, Hogervorst FBL, Hollestelle A, Hopper JL, Horcasitas DJ, Hulick PJ, Hunter DJ, Imyanitov EN; KConFab Investigators; HEBON Investigators; ABCTB Investigators, Jager A, Jakubowska A, James PA, Jensen UB, John EM, Jones ME, Kaaks R, Kapoor PM, Karlan BY, Keeman R, Khusnutdinova E, Kiiski JI, Ko YD, Kosma VM, Kraft P, Kurian AW, Laitman Y, Lambrechts D, Le Marchand L, Lester J, Lesueur F, Lindstrom T, Lopez-Fernández A, Loud JT, Luccarini C, Mannermaa A, Manoukian S, Margolin S, Martens JWM, Mebirouk N, Meindl A, Miller A, Milne RL, Montagna M, Nathanson KL, Neuhausen SL, Nevanlinna H, Nielsen FC, O'Brien KM, Olopade OI, Olson JE, Olsson H, Osorio A, Ottini L, Park-Simon TW, Parsons MT, Pedersen IS, Peshkin B, Peterlongo P, Peto J, Pharoah PDP, Phillips KA, Polley EC, Poppe B, Presneau N, Pujana MA, Punie K, Radice P, Rantala J, Rashid MU, Rennert G, Rennert HS, Robson M, Romero A, Rossing M, Saloustros E, Sandler DP, Santella R, Scheuner MT, Schmidt MK, Schmidt G, Scott C, Sharma P, Soucy P, Southey MC, Spinelli JJ, Steinsnyder Z, Stone J, Stoppa-Lyonnet D, Swerdlow A, Tamimi RM, Tapper WJ, Taylor JA, Terry MB, Teulé A, Thull DL, Tischkowitz M, Toland AE, Torres D, Trainer AH, Truong T, Tung N, Vachon CM, Vega A, Vijai J, Wang Q, Wappenschmidt B, Weinberg CR, Weitzel JN, Wendt C, Wolk A, Yadav S, Yang XR, Yannoukakos D, Zheng W, Ziogas A, Zorn KK, Park SK, Thomassen M, Offit K, Schmutzler RK, Couch FJ, Simard J, Chenevix-Trench G, Easton DF, Andrieu N, Antoniou AC. Author Correction: A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. *Nat Commun.* 2021 May 14;12(1):2986. doi: 10.1038/s41467-021-23162-4. Erratum for: *Nat Commun.* 2021 Feb 17;12(1):1078. PMID: 33990587; PMCID: PMC8121813.

Cunningham-Erves J, Mayo-Gamble TL, Hull PC, Lu T, Barajas C, McAfee CR, Sanderson M, Canedo JR, Beard K, Wilkins CH. A pilot study of a culturally-appropriate, educational intervention to increase participation in cancer clinical trials among African Americans and Latinos. *Cancer Causes Control.* 2021 May 27. doi: 10.1007/s10552-021-01449-7. Epub ahead of print. PMID: 34046808.

Fan L, Zhu X, Rosanoff A, Costello RB, Yu C, Ness R, Seidner DL, Murff HJ, Roumie CL, Shrubsole MJ, Dai Q. Magnesium Depletion Score (MDS) Predicts Risk of Systemic Inflammation and Cardiovascular Mortality among US Adults. *J Nutr.* 2021 May 26:nxab138. doi: 10.1093/jn/nxab138. Epub ahead of print. PMID: 34038556.

Fan L, Zhu X, Zheng Y, Zhang W, Seidner DL, Ness R, Murff HJ, Yu C, Huang X, Shrubsole MJ, Hou L, Dai Q. Magnesium treatment on methylation changes of transmembrane serine protease 2 (TMPRSS2). *Nutrition.* 2021 May 7;89:111340. doi: 10.1016/j.nut.2021.111340. Epub ahead of print. PMID: 34116393; PMCID: PMC8102075.

Feldstein LR, Ferdinands JM, Self WH, Randolph AG, Aboodi M, Baughman AH, Brown SM, Exline MC, Files DC, Gibbs K, Ginde AA, Gong MN, Grijalva CG, Halasa N, Khan A, Lindsell CJ, Newhams M, Peltan ID, Prekker ME, Rice TW, Shapiro NI, Steingrub J, Talbot HK, Halloran ME, Patel M. Modeling the impacts of clinical influenza testing on influenza vaccine effectiveness estimates. *J Infect Dis.* 2021 May 20;jiab273. doi: 10.1093/infdis/jiab273. Epub ahead of print. PMID: 34013330.

Feldstein LR, Self WH, Ferdinands JM, Randolph AG, Aboodi M, Baughman AH, Brown SM, Exline MC, Files DC, Gibbs K, Ginde AA, Gong MN, Grijalva CG, Halasa N, Khan A, Lindsell CJ, Newhams M, Peltan ID, Prekker ME, Rice TW, Shapiro NI, Steingrub J, Talbot HK, Halloran ME, Patel M; Influenza Vaccine Effectiveness in the Critically Ill (IVY) Investigators and the Pediatric Intensive Care Influenza Vaccine Effectiveness (PICFLU-VE) Investigators. Incorporating Real-time Influenza Detection Into the Test-negative Design for Estimating Influenza Vaccine Effectiveness: The Real-time Test-negative Design (rtTND). *Clin Infect Dis*. 2021 May 4;72(9):1669-1675. doi: 10.1093/cid/ciaa1453. PMID: 32974644; PMCID: PMC8096266.

Felt SA, Sun Y, Jozwik A, Paras A, Habibi MS, Nickle D, Anderson L, Achouri E, Feemster KA, Cárdenas AM, Turi KN, Chang M, Hartert TV, Sengupta S, Chiu C, López CB. Detection of respiratory syncytial virus defective genomes in nasal secretions is associated with distinct clinical outcomes. *Nat Microbiol*. 2021 May;6(5):672-681. doi: 10.1038/s41564-021-00882-3. Epub 2021 Apr 1. PMID: 33795879.

Foster Akard T, Dietrich MS, Friedman DL, Wray S, Gerhardt CA, Given B, Hendricks-Ferguson VL, Hinds PS, Cho E, Gilmer MJ. Effects of a Web-Based Pediatric Oncology Legacy Intervention on Parental Coping. *Oncol Nurs Forum*. 2021 May 1;48(3):309-316. doi: 10.1188/21.ONF.309-316. PMID: 33855995.

Ghafuri DL, Abdullahi SU, Dambatta AH, Galadanci J, Tabari MA, Bello-Manga H, Idris N, Inuwa H, Tijjani A, Suleiman AA, Jibir BW, Gambo S, Gambo AI, Khalifa Y, Haliru L, Abdulrasheed S, Zakari MA, Greene BC, Trevathan E, Jordan LC, Aliyu MH, Baumann AA, DeBaun MR. Establishing Sickle Cell Disease Stroke Prevention Teams in Africa is Feasible: Program Evaluation Using the RE-AIM Framework. *J Pediatr Hematol Oncol*. 2021 May 18. doi: 10.1097/MPH.0000000000002179. Epub ahead of print. PMID: 34001783.

Golden AP, Milder CM, Ellis ED, Anderson JL, Boice JD Jr, Bertke SJ, Zablotska LB. Cohort profile: four early uranium processing facilities in the US and Canada. *Int J Radiat Biol*. 2021;97(6):833-847. doi: 10.1080/09553002.2021.1917786. Epub 2021 May 17. PMID: 33970767.

Grijalva CG, Feldstein LR, Talbot HK, Aboodi M, Baughman AH, Brown SM, Casey JD, Erickson HL, Exline MC, Files DC, Gibbs KW, Ginde AA, Gong MN, Halasa N, Khan A, Lindsell CJ, Nwosu SK, Peltan ID, Prekker ME, Rice TW, Shapiro NI, Steingrub J, Stubblefield WB, Tenforde MW, Patel M, Self WH; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Influenza Vaccine Effectiveness for Prevention of Severe Influenza-Associated Illness among Adults in the United States, 2019-2020: A test-negative study. *Clin Infect Dis*. 2021 May 20;ciab462. doi: 10.1093/cid/ciab462. Epub ahead of print. PMID: 34014274.

Gurtovenko K, Fladeboe KM, Galtieri LR, King K, Friedman D, Compas B, Breiger D, Lengua L, Keim M, Kawamura J, Katz LF. Stress and psychological adjustment in caregivers of children with cancer. *Health Psychol*. 2021 May;40(5):295-304. doi: 10.1037/hea0001070. PMID: 34152783.

Han Y, Lv J, Yu C, Guo Y, Bian Z, Hu Y, Yang L, Chen Y, Du H, Zhao F, Wen W, Shu XO, Xiang Y, Gao YT, Zheng W, Guo H, Liang P, Chen J, Chen Z, Huo D, Li L; China Kadoorie Biobank Collaborative Group. Development and external validation of a breast cancer absolute risk prediction model in Chinese population. *Breast Cancer Res.* 2021 May 29;23(1):62. doi: 10.1186/s13058-021-01439-2. PMID: 34051827; PMCID: PMC8164768.

Hellwege JN, Zhu X, Huang X, Shrubsole MJ, Fan L, Li B, Ness R, Seidner DL, Giovannucci EL, Edwards TL, Dai Q. Blunted PTH response to vitamin D insufficiency/deficiency and colorectal neoplasia risk. *Clin Nutr.* 2021 May;40(5):3305-3313. doi: 10.1016/j.clnu.2020.10.057. Epub 2020 Nov 6. PMID: 33190990; PMCID: PMC8099932.

Jongen VW, Schim van der Loeff MF, Botha MH, Sudenga SL, Abrahamsen ME, Giuliano AR. Incidence and risk factors of *C. trachomatis* and *N. gonorrhoeae* among young women from the Western Cape, South Africa: The EVRI study. *PLoS One.* 2021 May 3;16(5):e0250871. doi: 10.1371/journal.pone.0250871. PMID: 33939747; PMCID: PMC8092667.

Jordan SJ, Na R, Weiderpass E, Adami HO, Anderson KE, van den Brandt PA, Brinton LA, Chen C, Cook LS, Doherty JA, Du M, Friedenreich CM, Gierach GL, Goodman MT, Krogh V, Levi F, Lu L, Miller AB, McCann SE, Moysich KB, Negri E, Olson SH, Petruzella S, Palmer JR, Parazzini F, Pike MC, Prizment AE, Rebbeck TR, Reynolds P, Ricceri F, Risch HA, Rohan TE, Sacerdote C, Schouten LJ, Serraino D, Setiawan VW, Shu XO, Sponholtz TR, Spurdle AB, Stolzenberg-Solomon RZ, Trabert B, Wentzensen N, Wilkens LR, Wise LA, Yu H, La Vecchia C, De Vivo I, Xu W, Zeleniuch-Jacquotte A, Webb PM. Pregnancy outcomes and risk of endometrial cancer: A pooled analysis of individual participant data in the Epidemiology of Endometrial Cancer Consortium. *Int J Cancer.* 2021 May 1;148(9):2068-2078. doi: 10.1002/ijc.33360. Epub 2020 Nov 17. PMID: 33105052; PMCID: PMC7969437.

Kawai VK, Shi M, Liu G, Feng Q, Wei W, Chung CP, Walunas TL, Gordon AS, Linneman JG, Hebring SJ, Harley JB, Cox NJ, Roden DM, Stein CM, Mosley JD. Pleiotropy of systemic lupus erythematosus risk alleles and cardiometabolic disorders: A phenome-wide association study and inverse-variance weighted meta-analysis. *Lupus.* 2021 Jul;30(8):1264-1272. doi: 10.1177/09612033211014952. Epub 2021 May 12. PMID: 33977795; PMCID: PMC8205989.

Kayamba V, Mutale W, Cassell H, Heimburger DC, Shu XO. Systematic Review of Cancer Research Output From Africa, With Zambia as an Example. *JCO Glob Oncol.* 2021 May;7:802-810. doi: 10.1200/GO.21.00079. PMID: 34077269.

Lo CT, Abraham A, Lipworth L, Aronoff DM. Intrauterine devices as an exposure risk for urinary tract infections: A scoping review. *Am J Reprod Immunol.* 2021 May 30:e13476. doi: 10.1111/aji.13476. Epub ahead of print. PMID: 34053122.

MacLaughlin HL, Pike M, Selby NM, Siew E, Chinchilli VM, Guide A, Stewart TG, Himmelfarb J, Go AS, Parikh CR, Ghahramani N, Kaufman J, Ikizler TA, Robinson-Cohen C; ASSESS-AKI Study Investigators. Body mass index and chronic kidney disease outcomes after

acute kidney injury: a prospective matched cohort study. *BMC Nephrol.* 2021 May 28;22(1):200. doi: 10.1186/s12882-021-02400-3. PMID: 34049502; PMCID: PMC8161937.

Mart MF, Girard TD, Thompson JL, Whitten-Vile H, Raman R, Pandharipande PP, Heyland DK, Ely EW, Brummel NE. Nutritional Risk at intensive care unit admission and outcomes in survivors of critical illness. *Clin Nutr.* 2021 May 11;40(6):3868-3874. doi: 10.1016/j.clnu.2021.05.005. Epub ahead of print. PMID: 34130034.

Pan XF, Yang JJ, Shu XO, Moore SC, Palmer ND, Guasch-Ferré M, Herrington DM, Harada S, Eliassen H, Wang TJ, Gerszten RE, Albanes D, Tzoulaki I, Karaman I, Elliott P, Zhu H, Wagenknecht LE, Zheng W, Cai H, Cai Q, Matthews CE, Menni C, Meyer KA, Lipworth LP, Ose J, Fornage M, Ulrich CM, Yu D. Associations of circulating choline and its related metabolites with cardiometabolic biomarkers: an international pooled analysis. *Am J Clin Nutr.* 2021 May 21:nqab152. doi: 10.1093/ajcn/nqab152. Epub ahead of print. PMID: 34020444.

Prussien KV, Compas BE, Siciliano RE, Ciriiglio AE, Lee CA, Kassim AA, DeBaun MR, Donahue MJ, Jordan LC. Cerebral Hemodynamics and Executive Function in Sickle Cell Anemia. *Stroke.* 2021 May;52(5):1830-1834. doi: 10.1161/STROKEAHA.120.032741. Epub 2021 Apr 12. PMID: 33840223.

Raman R, Chen W, Harhay MO, Thompson JL, Ely EW, Pandharipande PP, Patel MB. Dealing with missing delirium assessments in prospective clinical studies of the critically ill: a simulation study and reanalysis of two delirium studies. *BMC Med Res Methodol.* 2021 May 6;21(1):97. doi: 10.1186/s12874-021-01274-1. PMID: 33952189; PMCID: PMC8101230.

Saab-Chalhoub MW, Guo X, Shi Q, Chernock RD, Lewis JS Jr. Low Grade Papillary Sinonasal (Schneiderian) Carcinoma: A Series of Five Cases of a Unique Malignant Neoplasm with Comparison to Inverted Papilloma and Conventional Nonkeratinizing Squamous Cell Carcinoma. *Head Neck Pathol.* 2021 May 26. doi: 10.1007/s12105-021-01335-3. Epub ahead of print. PMID: 34041710.

Sami S, Tenforde MW, Talbot HK, Lindsell CJ, Steingrub JS, Shapiro NI, Ginde AA, Douin DJ, Prekker ME, Erickson HL, Brown SM, Peltan ID, Gong MN, Khan A, Exline MC, Files DC, Gibbs KW, Rice TW, Casey JD, Grijalva CG, Stubblefield WB, Womack KN, Hager DN, Qadir N, Chang SY, Henning DJ, Wilson JG, Self WH, Patel MM; IVY Network Investigators. Adults Hospitalized with COVID-19 -United States, March-June and October-December 2020: Implications for the Potential Effects of COVID-19 Tier-1 Vaccination on Future Hospitalizations and Outcomes. *Clin Infect Dis.* 2021 May 12:ciab319. doi: 10.1093/cid/ciab319. Epub ahead of print. PMID: 33977301; PMCID: PMC8136001.

Sanderson M, Pal T, Beeghly-Fadiel A, Fadden MK, Dujon SA, Clinton C, Jimenez C, Davis J, Fortune M, Thompson J, Benson K, Conley N, Reid S, Tezak A, Shu XO, Zheng W, Blot WJ, Lipworth L. A Pooled Case-only Analysis of Reproductive Risk Factors and Breast Cancer Subtype Among Black Women in the Southeastern United States. *Cancer Epidemiol Biomarkers Prev.* 2021 May 4. doi: 10.1158/1055-9965.EPI-20-1784. Epub ahead of print. PMID: 33947654.

Sandler KL, Haddad DN, Paulson AB, Osterman TJ, Scott CC, Poulos EA, Deppen SA. Women screened for breast cancer are dying from lung cancer: An opportunity to improve lung cancer screening in a mammography population. *J Med Screen*. 2021 May 4;9691413211013058. doi: 10.1177/09691413211013058. Epub ahead of print. PMID: 33947284.

Sarnowski C, Cousminer DL, Franceschini N, Raffield LM, Jia G, Fernández-Rhodes L, Grant SFA, Hakonarson H, Lange LA, Long J, Sofer T, Tao R, Wallace RB, Wong Q, Zirpoli G, Boerwinkle E, Bradfield JP, Correa A, Kooperberg CL, North KE, Palmer JR, Zemel BS, Zheng W, Murabito JM, Lunetta KL. Large trans-ethnic meta-analysis identifies AKR1C4 as a novel gene associated with age at menarche. *Hum Reprod*. 2021 Jun 18;36(7):1999-2010. doi: 10.1093/humrep/deab086. PMID: 34021356; PMCID: PMC8213450.

Siew ED, Parr SK, Abdel-Kader K, Perkins AM, Greevy RA Jr, Vincz AJ, Denton J, Wilson OD, Hung AM, Ikizler TA, Robinson-Cohen C, Matheny ME. Renin-angiotensin aldosterone inhibitor use at hospital discharge among patients with moderate to severe acute kidney injury and its association with recurrent acute kidney injury and mortality. *Kidney Int*. 2021 May;99(5):1202-1212. doi: 10.1016/j.kint.2020.08.022. Epub 2020 Sep 8. PMID: 32916177.

Smiley CL, Rebeiro PF, Cesar C, Belaunzaran-Zamudio PF, Crabtree-Ramirez B, Padgett D, Gotuzzo E, Cortes CP, Pape J, Veloso VG, McGowan CC, Castilho JL; Caribbean, Central and South America network for HIV epidemiology (CCASAnet). Estimated life expectancy gains with antiretroviral therapy among adults with HIV in Latin America and the Caribbean: a multisite retrospective cohort study. *Lancet HIV*. 2021 May;8(5):e266-e273. doi: 10.1016/S2352-3018(20)30358-1. Epub 2021 Apr 20. PMID: 33891877; PMCID: PMC8171816.

Song A, Kim P, Ayers G, Jain N. Characteristics of Non-Spine Musculoskeletal Ambulatory Care Visits in the United States, 2009-2016. *PM R*. 2021 May;13(5):443-452. doi: 10.1002/pmrj.12484. Epub 2020 Oct 19. PMID: 32888395.

Sparrow NA, Anwar F, Covarrubias AE, Rajput PS, Rashid MH, Nisson PL, Gezalian MM, Toossi S, Ayodele MO, Karumanchi SA, Ely EW, Lahiri S. Interleukin-6 Inhibition Reduces Neuronal Injury In A Murine Model of Ventilator-Induced Lung Injury. *Am J Respir Cell Mol Biol*. 2021 May 20. doi: 10.1165/rcmb.2021-0072OC. Epub ahead of print. PMID: 34014798.

Stubblefield WB, Talbot HK, Feldstein LR, Tenforde MW, Ur Rasheed MA, Mills L, Lester SN, Freeman B, Thornburg NJ, Jones ID, Ward MJ, Lindsell CJ, Baughman A, Halasa N, Grijalva CG, Rice TW, Patel MM, Self WH. Seroprevalence of SARS-CoV-2 Among Frontline Healthcare Personnel During the First Month of Caring for Patients With COVID-19-Nashville, Tennessee. *Clin Infect Dis*. 2021 May 4;72(9):1645-1648. doi: 10.1093/cid/ciaa936. PMID: 32628750; PMCID: PMC7454447.

Tenforde MW, Olson SM, Self WH, Talbot HK, Lindsell CJ, Steingrub JS, Shapiro NI, Ginde AA, Douin DJ, Prekker ME, Brown SM, Peltan ID, Gong MN, Mohamed A, Khan A, Exline MC, Files DC, Gibbs KW, Stubblefield WB, Casey JD, Rice TW, Grijalva CG, Hager DN, Shehu A, Qadir N, Chang SY, Wilson JG, Gaglani M, Murthy K, Calhoun N, Monto AS, Martin ET, Malani A, Zimmerman RK, Silveira FP, Middleton DB, Zhu Y, Wyatt D, Stephenson M,

Baughman A, Womack KN, Hart KW, Kobayashi M, Verani JR, Patel MM; IVY Network; HAIVEN Investigators. Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Among Hospitalized Adults Aged ≥ 65 Years - United States, January-March 2021. *MMWR Morb Mortal Wkly Rep.* 2021 May 7;70(18):674-679. doi: 10.15585/mmwr.mm7018e1. PMID: 33956782.

Umutesi G, McEvoy MD, Bonnet K, Druffner S, Schlundt DG, Atieli HE, China JN, Onyango K, Newton MW. Factors influencing mothers' decisions regarding obstetrical care in Western Kenya: a mixed-methods study. *BMC Womens Health.* 2021 May 19;21(1):210. doi: 10.1186/s12905-021-01355-9. PMID: 34011323; PMCID: PMC8136230.

Wolf J, Abzug MJ, Wattier RL, Sue PK, Vora SB, Zachariah P, Dulek DE, Waghmare A, Olivero R, Downes KJ, James SH, Pinninti SG, Yarbrough A, Aldrich ML, MacBrayne CE, Soma VL, Grapentine SP, Oliveira CR, Hayes M, Kimberlin DW, Jones SB, Bio LL, Morton TH, Hankins JS, Maron GM, Timberlake K, Young JL, Orscheln RC, Schwenk HT, Goldman DL, Groves HE, Huskins WC, Rajapakse NS, Lamb GS, Tribble AC, Lloyd EC, Hersh AL, Thorell EA, Ratner AJ, Chiotos K, Nakamura MM. Initial Guidance on Use of Monoclonal Antibody Therapy for Treatment of Coronavirus Disease 2019 in Children and Adolescents. *J Pediatric Infect Dis Soc.* 2021 May 28;10(5):629-634. doi: 10.1093/jpids/piaa175. PMID: 33388760; PMCID: PMC7799019.

Yang F, Ji M, Wu Y, Feng Y, Li J, Ren D, Ely EW. Delirium screening for patients in the intensive care unit: A prospective validation study of the iCAM-ICU by nurse researchers and bedside nurses in routine practice. *Int J Nurs Stud.* 2021 May;117:103886. doi: 10.1016/j.ijnurstu.2021.103886. Epub 2021 Jan 26. PMID: 33631399.

Yohannes NT, Jenkins CA, Clouse K, Cortés CP, Mejía Cordero F, Padgett D, Rouzier V, Friedman RK, McGowan CC, Shepherd BE, Rebeiro PF. Timing of HIV diagnosis relative to pregnancy and postpartum HIV care continuum outcomes among Latin American women, 2000 to 2017. *J Int AIDS Soc.* 2021 May;24(5):e25740. doi: 10.1002/jia2.25740. PMID: 34021715; PMCID: PMC8140191.

Zimmerman KD, Schurr TG, Chen WM, Nayak U, Mychaleckyj JC, Queen Quet, Moultrie LH, Divers J, Keene KL, Kamen DL, Gilkeson GS, Hunt KJ, Spruill IJ, Fernandes JK, Aldrich MC, Reich D, Garvey WT, Langefeld CD, Sale MM, Ramos PS. Genetic landscape of Gullah African Americans. *Am J Phys Anthropol.* 2021 May 19. doi: 10.1002/ajpa.24333. Epub ahead of print. PMID: 34008864.

June

Akwo EA, Robinson-Cohen C, Chung CP, Shah SC, Brown NJ, Ikizler TA, Wilson OD, Rowan BX, Shuey MM, Siew ED, Luther JM, Giri A, Hellwege JN, Velez Edwards DR, Rouse CL, Tao R, Tsao PS, Gaziano JM, Wilson PWF, O'Donnell CJ, Edwards TL, Kovesdy CP, Hung AM; VA Million Veteran Program. Association of Apparent Treatment-Resistant Hypertension With Differential Risk of End-Stage Kidney Disease Across Racial Groups in the Million

Veteran Program. *Hypertension*. 2021 Aug;78(2):376-386. doi: 10.1161/HYPERTENSIONAHA.120.16181. Epub 2021 Jun 21. PMID: 34148359.

Antoon JW, Hall M, Herndon A, Johnson DP, Brown CM, Browning WL, Florin TA, Howard LM, Grijalva CG, Williams DJ. Prevalence, Risk Factors, and Outcomes of Influenza-Associated Neurologic Complications in Children. *J Pediatr*. 2021 Jul 1:S0022-3476(21)00657-0. doi: 10.1016/j.jpeds.2021.06.075. Epub ahead of print. PMID: 34216629.

Arhin ND, Shen C, Bailey CE, Matsuoka LK, Hawkins AT, Holowatyj AN, Ciombor KK, Hopkins MB, Geiger TM, Kam AE, Roth MT, Lebeck Lee CM, Lapelusa M, Dasari A, Eng C. Surgical resection and survival outcomes in metastatic young adult colorectal cancer patients. *Cancer Med*. 2021 Jul;10(13):4269-4281. doi: 10.1002/cam4.3940. Epub 2021 Jun 16. PMID: 34132476; PMCID: PMC8267130.

Baxter JS, Johnson N, Tomczyk K, Gillespie A, Maguire S, Brough R, Fachal L, Michailidou K, Bolla MK, Wang Q, Dennis J, Ahearn TU, Andrulis IL, Anton-Culver H, Antonenkova NN, Arndt V, Aronson KJ, Augustinsson A, Becher H, Beckmann MW, Behrens S, Benitez J, Bermisheva M, Bogdanova NV, Bojesen SE, Brenner H, Brucker SY, Cai Q, Campa D, Canzian F, Castelao JE, Chan TL, Chang-Claude J, Chanock SJ, Chenevix-Trench G, Choi JY, Clarke CL; NBCS Collaborators, Colonna S, Conroy DM, Couch FJ, Cox A, Cross SS, Czene K, Daly MB, Devilee P, Dörk T, Dossus L, Dwek M, Eccles DM, Ekici AB, Eliassen AH, Engel C, Fasching PA, Figueroa J, Flyger H, Gago-Dominguez M, Gao C, García-Closas M, García-Sáenz JA, Ghousaini M, Giles GG, Goldberg MS, González-Neira A, Guénel P, Gündert M, Haeberle L, Hahnen E, Haiman CA, Hall P, Hamann U, Hartman M, Hatse S, Hauke J, Hollestelle A, Hoppe R, Hopper JL, Hou MF; kConFab Investigators; ABCTB Investigators, Ito H, Iwasaki M, Jager A, Jakubowska A, Janni W, John EM, Joseph V, Jung A, Kaaks R, Kang D, Keeman R, Khusnutdinova E, Kim SW, Kosma VM, Kraft P, Kristensen VN, Kubelka-Sabit K, Kurian AW, Kwong A, Lacey JV, Lambrechts D, Larson NL, Larsson SC, Le Marchand L, Lejbkowitz F, Li J, Long J, Lophatananon A, Lubiński J, Mannermaa A, Manoochehri M, Manoukian S, Margolin S, Matsuo K, Mavroudis D, Mayes R, Menon U, Milne RL, Mohd Taib NA, Muir K, Muranen TA, Murphy RA, Nevanlinna H, O'Brien KM, Offit K, Olson JE, Olsson H, Park SK, Park-Simon TW, Patel AV, Peterlongo P, Peto J, Plaseska-Karanfilska D, Presneau N, Pylkäs K, Rack B, Rennert G, Romero A, Ruebner M, Rüdiger T, Saloustros E, Sandler DP, Sawyer EJ, Schmidt MK, Schmutzler RK, Schneeweiss A, Schoemaker MJ, Shah M, Shen CY, Shu XO, Simard J, Southey MC, Stone J, Surowy H, Swerdlow AJ, Tamimi RM, Tapper WJ, Taylor JA, Teo SH, Teras LR, Terry MB, Toland AE, Tomlinson I, Truong T, Tseng CC, Untch M, Vachon CM, van den Ouweland AMW, Wang SS, Weinberg CR, Wendt C, Winham SJ, Winqvist R, Wolk A, Wu AH, Yamaji T, Zheng W, Ziogas A, Pharoah PDP, Dunning AM, Easton DF, Pettitt SJ, Lord CJ, Haider S, Orr N, Fletcher O. Functional annotation of the 2q35 breast cancer risk locus implicates a structural variant in influencing activity of a long-range enhancer element. *Am J Hum Genet*. 2021 Jul 1;108(7):1190-1203. doi: 10.1016/j.ajhg.2021.05.013. Epub 2021 Jun 18. PMID: 34146516; PMCID: PMC8322933.

Bethea TN, Ochs-Balcom HM, Bandera EV, Beeghly-Fadiel A, Camacho F, Chyn D, Cloyd EK, Harris HR, Joslin CE, Myers E, Moorman PG, Peres LC, Rosenow W, Setiawan VW, Wu AH, Rosenberg L, Schildkraut JM. First- and second-degree family history of ovarian and breast

cancer in relation to risk of invasive ovarian cancer in African American and white women. *Int J Cancer*. 2021 Jun 15;148(12):2964-2973. doi: 10.1002/ijc.33493. Epub 2021 Feb 17. PMID: 33521947; PMCID: PMC8353974.

Boice JD Jr, Cohen SS, Mumma MT, Golden AP, Howard SC, Girardi DJ, Ellis ED, Bellamy MB, Dauer LT, Samuels C, Eckerman KF, Leggett RW. Mortality among workers at the Los Alamos National Laboratory, 1943-2017. *Int J Radiat Biol*. 2021 Jun 21:1-28. doi: 10.1080/09553002.2021.1917784. Epub ahead of print. PMID: 34047625.

Canter MO, Tanguturi YC, Ellen Wilson J, Williams SR, Exum SA, Umrana HM, Betters KA, Raman R, Ely EW, Pandharipande PP, Fuchs DC, Smith HAB. Prospective Validation of the Preschool Confusion Assessment Method for the ICU to Screen for Delirium in Infants Less Than 6 Months Old. *Crit Care Med*. 2021 Jun 24. doi: 10.1097/CCM.0000000000005099. Epub ahead of print. PMID: 34166285.

Chen J, Spracklen CN, Marenne G, Varshney A, Corbin LJ, Luan J, Willems SM, Wu Y, Zhang X, Horikoshi M, Boutin TS, Mägi R, Waage J, Li-Gao R, Chan KHK, Yao J, Anasanti MD, Chu AY, Claringbould A, Heikkinen J, Hong J, Hottenga JJ, Huo S, Kaakinen MA, Louie T, März W, Moreno-Macias H, Ndungu A, Nelson SC, Nolte IM, North KE, Raulerson CK, Ray D, Rohde R, Rybin D, Schurmann C, Sim X, Southam L, Stewart ID, Wang CA, Wang Y, Wu P, Zhang W, Ahluwalia TS, Appel EVR, Bielak LF, Brody JA, Burt NP, Cabrera CP, Cade BE, Chai JF, Chai X, Chang LC, Chen CH, Chen BH, Chitrala KN, Chiu YF, de Haan HG, Delgado GE, Demirkan A, Duan Q, Engmann J, Fatumo SA, Gayán J, Giulianini F, Gong JH, Gustafsson S, Hai Y, Hartwig FP, He J, Heianza Y, Huang T, Huerta-Chagoya A, Hwang MY, Jensen RA, Kawaguchi T, Kentistou KA, Kim YJ, Kleber ME, Kooner IK, Lai S, Lange LA, Langefeld CD, Lauzon M, Li M, Ligthart S, Liu J, Loh M, Long J, Lyssenko V, Mangino M, Marzi C, Montasser ME, Nag A, Nakatochi M, Noce D, Noordam R, Pistis G, Preuss M, Raffield L, Rasmussen-Torvik LJ, Rich SS, Robertson NR, Rueedi R, Ryan K, Sanna S, Saxena R, Schraut KE, Sennblad B, Setoh K, Smith AV, Sparsø T, Strawbridge RJ, Takeuchi F, Tan J, Trompet S, van den Akker E, van der Most PJ, Verweij N, Vogel M, Wang H, Wang C, Wang N, Warren HR, Wen W, Wilsgaard T, Wong A, Wood AR, Xie T, Zafarmand MH, Zhao JH, Zhao W, Amin N, Arzumanyan Z, Astrup A, Bakker SJL, Baldassarre D, Beekman M, Bergman RN, Bertoni A, Blüher M, Bonnycastle LL, Bornstein SR, Bowden DW, Cai Q, Campbell A, Campbell H, Chang YC, de Geus EJC, Dehghan A, Du S, Eiriksdottir G, Farmaki AE, Frånberg M, Fuchsberger C, Gao Y, Gjesing AP, Goel A, Han S, Hartman CA, Herder C, Hicks AA, Hsieh CH, Hsueh WA, Ichihara S, Igase M, Ikram MA, Johnson WC, Jørgensen ME, Joshi PK, Kalyani RR, Kandeel FR, Katsuya T, Khor CC, Kiess W, Kolcic I, Kuulasmaa T, Kuusisto J, Läll K, Lam K, Lawlor DA, Lee NR, Lemaitre RN, Li H; Lifelines Cohort Study, Lin SY, Lindström J, Linneberg A, Liu J, Lorenzo C, Matsubara T, Matsuda F, Mingrone G, Mooijaart S, Moon S, Nabika T, Nadkarni GN, Nadler JL, Nelis M, Neville MJ, Norris JM, Ohyagi Y, Peters A, Peyser PA, Polasek O, Qi Q, Raven D, Reilly DF, Reiner A, Rivideneira F, Roll K, Rudan I, Sabanayagam C, Sandow K, Sattar N, Schürmann A, Shi J, Stringham HM, Taylor KD, Teslovich TM, Thuesen B, Timmers PRHJ, Tremoli E, Tsai MY, Uitterlinden A, van Dam RM, van Heemst D, van Hylckama Vlieg A, van Vliet-Ostaptchouk JV, Vangipurapu J, Vestergaard H, Wang T, Willems van Dijk K, Zemunik T, Abecasis GR, Adair LS, Aguilar-Salinas CA, Alarcón-Riquelme ME, An P, Aviles-Santa L, Becker DM, Beilin LJ, Bergmann S, Bisgaard H,

Black C, Boehnke M, Boerwinkle E, Böhm BO, Bønnelykke K, Boomsma DI, Bottinger EP, Buchanan TA, Canouil M, Caulfield MJ, Chambers JC, Chasman DI, Chen YI, Cheng CY, Collins FS, Correa A, Cucca F, de Silva HJ, Dedoussis G, Elmståhl S, Evans MK, Ferrannini E, Ferrucci L, Florez JC, Franks PW, Frayling TM, Froguel P, Gigante B, Goodarzi MO, Gordon-Larsen P, Grallert H, Grarup N, Grimsgaard S, Groop L, Gudnason V, Guo X, Hamsten A, Hansen T, Hayward C, Heckbert SR, Horta BL, Huang W, Ingelsson E, James PS, Jarvelin MR, Jonas JB, Jukema JW, Kaleebu P, Kaplan R, Kardina SLR, Kato N, Keinanen-Kiukkaanniemi SM, Kim BJ, Kivimäki M, Koistinen HA, Kooner JS, Körner A, Kovacs P, Kuh D, Kumari M, Kutalik Z, Laakso M, Lakka TA, Launer LJ, Leander K, Li H, Lin X, Lind L, Lindgren C, Liu S, Loos RJF, Magnusson PKE, Mahajan A, Metspalu A, Mook-Kanamori DO, Mori TA, Munroe PB, Njølstad I, O'Connell JR, Oldehinkel AJ, Ong KK, Padmanabhan S, Palmer CNA, Palmer ND, Pedersen O, Pennell CE, Porteous DJ, Pramstaller PP, Province MA, Psaty BM, Qi L, Raffel LJ, Rauramaa R, Redline S, Ridker PM, Rosendaal FR, Saaristo TE, Sandhu M, Saramies J, Schneiderman N, Schwarz P, Scott LJ, Selvin E, Sever P, Shu XO, Slagboom PE, Small KS, Smith BH, Snieder H, Sofer T, Sørensen TIA, Spector TD, Stanton A, Steves CJ, Stumvoll M, Sun L, Tabara Y, Tai ES, Timpson NJ, Tönjes A, Tuomilehto J, Tusie T, Uusitupa M, van der Harst P, van Duijn C, Vitart V, Vollenweider P, Vrijkkotte TGM, Wagenknecht LE, Walker M, Wang YX, Wareham NJ, Watanabe RM, Watkins H, Wei WB, Wickremasinghe AR, Willemsen G, Wilson JF, Wong TY, Wu JY, Xiang AH, Yanek LR, Yengo L, Yokota M, Zeggini E, Zheng W, Zonderman AB, Rotter JI, Gloyn AL, McCarthy MI, Dupuis J, Meigs JB, Scott RA, Prokopenko I, Leong A, Liu CT, Parker SCJ, Mohlke KL, Langenberg C, Wheeler E, Morris AP, Barroso I; Meta-Analysis of Glucose and Insulin-related Traits Consortium (MAGIC). The trans-ancestral genomic architecture of glycemic traits. *Nat Genet.* 2021 Jun;53(6):840-860. doi: 10.1038/s41588-021-00852-9. Epub 2021 May 31. PMID: 34059833; PMCID: PMC7610958.

Davis CP, Bandera EV, Bethea TN, Camacho F, Joslin CE, Wu AH, Beeghly-Fadiel A, Moorman PG, Myers ER, Ochs-Balcom HM, Peres LC, Rosenow WT, Setiawan VW, Rosenberg L, Schildkraut JM, Harris HR. Genital powder use and risk of epithelial ovarian cancer in the Ovarian Cancer in Women of African Ancestry Consortium. *Cancer Epidemiol Biomarkers Prev.* 2021 Jun 21:cebp.0162.2021. doi: 10.1158/1055-9965.EPI-21-0162. Epub ahead of print. PMID: 34155063.

Davy-Mendez T, Napravnik S, Hogan BC, Althoff KN, Gebo KA, Moore RD, Horberg MA, Silverberg MJ, Gill MJ, Crane HM, Marconi VC, Bosch RJ, Colasanti JA, Sterling TR, Mathews WC, Mayor AM, Nanditha NGA, Buchacz K, Li J, Rebeiro PF, Thorne JE, Nijhawan A, van Duin D, Wohl DA, Eron JJ, Berry SA; North American AIDS Cohort Collaboration on Research and Design of IeDEA. Hospitalization Rates and Causes Among Persons With HIV in the United States and Canada, 2005-2015. *J Infect Dis.* 2021 Jun 15;223(12):2113-2123. doi: 10.1093/infdis/jiaa661. PMID: 33084891; PMCID: PMC8205637.

Elsakr JM, Zhao SK, Ricciardi V, Dean TA, Takahashi DL, Sullivan E, Wesolowski SR, McCurdy CE, Kievit P, Friedman JE, Aagaard KM, Edwards DRV, Gannon M. Western-style diet consumption impairs maternal insulin sensitivity and glucose metabolism during pregnancy in a Japanese macaque model. *Sci Rep.* 2021 Jun 21;11(1):12977. doi: 10.1038/s41598-021-92464-w. PMID: 34155315; PMCID: PMC8217225.

Freno DR, Shipe ME, Levack MM, Shah AS, Deppen SA, O'Leary JM, Grogan EL. Modeling the Impact of Delaying TAVR for the Treatment of Aortic Stenosis in the Era of COVID-19. *JTCVS Open*. 2021 Jun 8. doi: 10.1016/j.xjon.2021.06.006. Epub ahead of print. PMID: 34124697; PMCID: PMC8184875.

Howard LM, Liu Y, Zhu Y, Liu D, Williams JV, Gil AI, Griffin MR, Edwards KM, Lanata CF, Grijalva CG. Assessing the impact of acute respiratory illnesses on the risk of subsequent respiratory illness. *J Infect Dis*. 2021 Jun 12;jiab313. doi: 10.1093/infdis/jiab313. Epub ahead of print. PMID: 34120189.

Karunamuni RA, Huynh-Le MP, Fan CC, Thompson W, Lui A, Martinez ME, Rose BS, Mahal B, Eeles RA, Kote-Jarai Z, Muir K, Lophatananon A; UKGPCS Collaborators, Tangen CM, Goodman PJ, Thompson IM Jr, Blot WJ, Zheng W, Kibel AS, Drake BF, Cussenot O, Cancel-Tassin G, Menegaux F, Truong T, Park JY, Lin HY, Taylor JA, Bensen JT, Mohler JL, Fontham ETH, Multigner L, Blanchet P, Brureau L, Romana M, Leach RJ, John EM, Fowke JH, Bush WS, Aldrich MC, Crawford DC, Cullen J, Petrovics G, Parent MÉ, Hu JJ, Sanderson M; PRACTICAL Consortium, Mills IG, Andreassen OA, Dale AM, Seibert TM. Performance of African-ancestry-specific polygenic hazard score varies according to local ancestry in 8q24. *Prostate Cancer Prostatic Dis*. 2021 Jun 14. doi: 10.1038/s41391-021-00403-7. Epub ahead of print. PMID: 34127801.

Koole JL, Bours MJL, Geijssen AJMR, Gigic B, Ulvik A, Kok DE, Brezina S, Ose J, Baierl A, Böhm J, Brenner H, Breukink SO, Chang-Claude J, van Duijnhoven FJB, van Duijvendijk P, Gumpfenberger T, Habermann N, van Halteren HK, Hoffmeister M, Holowatyj AN, Janssen-Heijnen MLG, Keulen ETP, Kiblawi R, Kruyt FM, Li CI, Lin T, Midttun Ø, Peoples AR, van Roekel EH, Schneider MA, Schrotz-King P, Ulrich AB, Vickers K, Wesselink E, de Wilt JHW, Gsur A, Ueland PM, Ulrich CM, Kampman E, Weijenberg MP. Circulating B-vitamin biomarkers and B-vitamin supplement use in relation to quality of life in patients with colorectal cancer: results from the FOCUS consortium. *Am J Clin Nutr*. 2021 Jun 1;113(6):1468-1481. doi: 10.1093/ajcn/nqaa422. PMID: 33668069; PMCID: PMC8168355.

Leung K, Wu JT, Wong IO, Shu XO, Zheng W, Wen W, Khoo US, Ngan R, Kwong A, Leung GM. Using Risk Stratification to Optimize Mammography Screening in Chinese Women. *JNCI Cancer Spectr*. 2021 Jun 7;5(4):pkab060. doi: 10.1093/jncics/pkab060. PMID: 34377936; PMCID: PMC8346705.

Mart MF, Pun BT, Pandharipande P, Jackson JC, Ely EW. ICU Survivorship-The Relationship of Delirium, Sedation, Dementia, and Acquired Weakness. *Crit Care Med*. 2021 Aug 1;49(8):1227-1240. doi: 10.1097/CCM.0000000000005125. PMID: 34115639; PMCID: PMC8282752.

Maruri F, Guo Y, Blackman A, van der Heijden YF, Rebeiro PF, Sterling TR. Resistance-Confering Mutations on Whole-Genome Sequencing of Fluoroquinolone-resistant and -Susceptible Mycobacterium tuberculosis Isolates: A Proposed Threshold for Identifying Resistance. *Clin Infect Dis*. 2021 Jun 1;72(11):1910-1918. doi: 10.1093/cid/ciaa496. PMID: 32348473; PMCID: PMC8315129.

Misak C, Herridge M, Ely EW, Clay A, Mikkelsen ME. Patient and Family Engagement in Critical Illness. *Crit Care Med*. 2021 Jun 5. doi: 10.1097/CCM.0000000000005136. Epub ahead of print. PMID: 34091487.

Morley TJ, Han L, Castro VM, Morra J, Perlis RH, Cox NJ, Bastarache L, Ruderfer DM. Phenotypic signatures in clinical data enable systematic identification of patients for genetic testing. *Nat Med*. 2021 Jun;27(6):1097-1104. doi: 10.1038/s41591-021-01356-z. Epub 2021 Jun 3. PMID: 34083811.

Morris AH, Stagg B, Lanspa M, Orme J, Clemmer TP, Weaver LK, Thomas F, Grissom CK, Hirshberg E, East TD, Wallace CJ, Young MP, Sittig DF, Pesenti A, Bombino M, Beck E, Sward KA, Weir C, Phansalkar SS, Bernard GR, Taylor Thompson B, Brower R, Truwit JD, Steingrub J, Duncan Hite R, Willson DF, Zimmerman JJ, Nadkarni VM, Randolph A, Curley MAQ, Newth CJL, Lacroix J, Agus MSD, Lee KH, deBoisblanc BP, Scott Evans R, Sorenson DK, Wong A, Boland MV, Grainger DW, Dere WH, Crandall AS, Facelli JC, Huff SM, Haug PJ, Pielmeier U, Rees SE, Karbing DS, Andreassen S, Fan E, Goldring RM, Berger KI, Oppenheimer BW, Wesley Ely E, Gajic O, Pickering B, Schoenfeld DA, Tocino I, Gonnering RS, Pronovost PJ, Savitz LA, Dreyfuss D, Slutsky AS, Crapo JD, Angus D, Pinsky MR, James B, Berwick D. Enabling a learning healthcare system with automated computer protocols that produce replicable and personalized clinician actions. *J Am Med Inform Assoc*. 2021 Jun 12;28(6):1330-1344. doi: 10.1093/jamia/ocaa294. PMID: 33594410.

Pan XF, Yang JJ, Lipworth LP, Shu XO, Cai H, Steinwandel MD, Blot WJ, Zheng W, Yu D. Cholesterol and Egg Intakes with Cardiometabolic and All-Cause Mortality among Chinese and Low-Income Black and White Americans. *Nutrients*. 2021 Jun 19;13(6):2094. doi: 10.3390/nu13062094. PMID: 34205293; PMCID: PMC8234137.

Peres LC, Bethea TN, Camacho TF, Bandera EV, Beeghly-Fadiel A, Chyn DL, Harris HR, Joslin CE, Moorman PG, Myers E, Ochs-Balcom HM, Rosenow W, Setiawan VW, Wu AH, Rosenberg L, Schildkraut JM. Racial Differences in Population Attributable Risk for Epithelial Ovarian Cancer in the OCWAA Consortium. *J Natl Cancer Inst*. 2021 Jun 1;113(6):710-718. doi: 10.1093/jnci/djaa188. PMID: 33252629; PMCID: PMC8168275.

Pocobelli G, Dublin S, Bobb JF, Albertson-Junkans L, Andrade S, Cheetham TC, Salgado G, Griffin MR, Raebel MA, Smith D, Li DK, Pawloski PA, Toh S, Taylor L, Hua W, Horn P, Trinidad JP, Boudreau DM. Prevalence of prescription opioid use during pregnancy in eight US health plans during 2001-2014. *Pharmacoepidemiol Drug Saf*. 2021 Jun 24. doi: 10.1002/pds.5312. Epub ahead of print. PMID: 34169607.

Quinn MCJ, McCue K, Shi W, Johnatty SE, Beesley J, Civitarese A, O'Mara TA, Glubb DM, Tyrer JP, Armasu SM, Ong JS, Gharahkhani P, Lu Y, Gao B, Patch AM, Fasching PA, Beckmann MW, Lambrechts D, Vergote I, Velez Edwards DR, Beeghly-Fadiel A, Benitez J, Garcia MJ, Goodman MT, Dörk T, Dürst M, Modugno F, Moysich K, du Bois A, Pfisterer J, Bauman K, Karlan BY, Lester J, Cunningham JM, Larson MC, McCauley BM, Kjaer SK, Jensen A, Hogdall CK, Hogdall E, Schildkraut JM, Riggan MJ, Berchuck A, Cramer DW, Terry KL,

Bjorge L, Webb PM, Friedlander M, Pejovic T, Moffitt M, Glasspool R, May T, Ene GEV, Huntsman DG, Woo M, Carney ME, Hinsley S, Heitz F, Fereday S, Kennedy CJ, Edwards SL, Winham SJ, deFazio A, Pharoah PDP, Goode EL, MacGregor S, Chenevix-Trench G; AGO Study Group; OPAL Study Group; for Australian Ovarian Cancer Study Group. Identification of a Locus Near ULK1 Associated With Progression-Free Survival in Ovarian Cancer. *Cancer Epidemiol Biomarkers Prev.* 2021 Jun 23. doi: 10.1158/1055-9965.EPI-20-1817. Epub ahead of print. PMID: 34162658.

Stallings C, Zhu Y, Grijalva CG, Edwards K, Self WH, Williams DJ. Prevalence and Quantification of Secondhand Smoke Exposure Among Hospitalized Children <6 Years of Age. *Hosp Pediatr.* 2021 Jun;11(6):622-626. doi: 10.1542/hpeds.2020-003053. PMID: 34035126; PMCID: PMC8142033.

Van Driest SL, Abul-Husn NS, Glessner JT, Bastarache L, Nirenberg S, Schildcrout JS, Eswarappa MS, Belbin GM, Shaffer CM, Mentch F, Connolly J, Shi M, Stein CM, Roden DM, Hakonarson H, Cox NJ, Borinstein SC, Mosley JD. Association Between a Common, Benign Genotype and Unnecessary Bone Marrow Biopsies Among African American Patients. *JAMA Intern Med.* 2021 Jun 28:e213108. doi: 10.1001/jamainternmed.2021.3108. Epub ahead of print. PMID: 34180972; PMCID: PMC8239990.

Veturi Y, Lucas A, Bradford Y, Hui D, Dudek S, Theusch E, Verma A, Miller JE, Kullo I, Hakonarson H, Sleiman P, Schaid D, Stein CM, Edwards DRV, Feng Q, Wei WQ, Medina MW, Krauss RM, Hoffmann TJ, Risch N, Voight BF, Rader DJ, Ritchie MD. A unified framework identifies new links between plasma lipids and diseases from electronic medical records across large-scale cohorts. *Nat Genet.* 2021 Jul;53(7):972-981. doi: 10.1038/s41588-021-00879-y. Epub 2021 Jun 17. PMID: 34140684.

Wang C, Yang Y, Xu W, Yu D, Wu J, Cai Q, Long J, Zheng W, Shu XO. Legume Consumption and Gut Microbiome in Elderly Chinese Men and Women. *J Nutr.* 2021 Jun 10:nxab139. doi: 10.1093/jn/nxab139. Epub ahead of print. PMID: 34114016.

Willig JH, Croker J, McCormick L, Nabavi M, Walker J, Wingo NP, Roche CC, Jones C, Hartmann KE, Redden D. (2021). Gamification and education: A pragmatic approach with two examples of implementation. *J Clinical Translational Science.* 2021 June 28; 1-7 epub: doi:10.1017/cts.2021.806 (indexed in education literature and not PubMed yet as a new journal of ACTS per Dr. Hartmann)

Zheng NS, Stone CA, Jiang L, Shaffer CM, Kerchberger VE, Chung CP, Feng Q, Cox NJ, Stein CM, Roden DM, Denny JC, Phillips EJ, Wei WQ. High-throughput framework for genetic analyses of adverse drug reactions using electronic health records. *PLoS Genet.* 2021 Jun 1;17(6):e1009593. doi: 10.1371/journal.pgen.1009593. PMID: 34061827; PMCID: PMC8195357.

July

Adedokun B, Du Z, Gao G, Ahearn TU, Lunetta KL, Zirpoli G, Figueroa J, John EM, Bernstein L, Zheng W, Hu JJ, Ziegler RG, Nyante S, Bandera EV, Ingles SA, Press MF, Deming-Halverson SL, Rodriguez-Gil JL, Yao S, Ogundiran TO, Ojengbede O, Blot W, Troester MA, Nathanson KL, Hennis A, Nemesure B, Ambs S, Fiorica PN, Sucheston-Campbell LE, Bensen JT, Kushi LH, Torres-Mejia G, Hu D, Fejerman L, Bolla MK, Dennis J, Dunning AM, Easton DF, Michailidou K, Pharoah PDP, Wang Q, Sandler DP, Taylor JA, O'Brien KM, Kitahara CM, Falusi AG, Babalola C, Yarney J, Awuah B, Addai-Wiafe B; GBHS Study Team, Chanock SJ, Olshan AF, Ambrosone CB, Conti DV, Ziv E, Olopade OI, Garcia-Closas M, Palmer JR, Haiman CA, Huo D. Cross-ancestry GWAS meta-analysis identifies six breast cancer loci in African and European ancestry women. *Nat Commun*. 2021 Jul 7;12(1):4198. doi: 10.1038/s41467-021-24327-x. PMID: 34234117; PMCID: PMC8263739.

Althouse AD, Below JE, Claggett BL, Cox NJ, de Lemos JA, Deo RC, Duval S, Hachamovitch R, Kaul S, Keith SW, Secemsky E, Teixeira-Pinto A, Roger VL. Recommendations for Statistical Reporting in Cardiovascular Medicine: A Special Report From the American Heart Association. *Circulation*. 2021 Jul 27;144(4):e70-e91. doi: 10.1161/CIRCULATIONAHA.121.055393. Epub 2021 May 25. PMID: 34032474.

Chabala FW, Siew ED, Mutale W, Mulenga L, Mweemba A, Goma F, Banda N, Kaonga P, Wester WC, Heimburger DC, Aliyu MH, Munkombwe D. Prognostic model for nephrotoxicity among HIV-positive Zambian adults receiving tenofovir disoproxil fumarate-based antiretroviral therapy. *PLoS One*. 2021 Jul 12;16(7):e0252768. doi: 10.1371/journal.pone.0252768. PMID: 34252117; PMCID: PMC8274919.

Cleveland AA, Gargano JW, Griffin MR, Park IU, Niccolai LM, Bennett NM, Pemmaraju M, Fink D, Brackney M, Scahill M, Ehlers SJ, Unger ER, Markowitz LE; HPV-IMPACT Working Group. Increases in Human Papillomavirus Testing Preceding Diagnosis of Cervical Precancer in 5 US States, 2008-2016. *J Low Genit Tract Dis*. 2021 Jul 1;25(3):192-198. doi: 10.1097/LGT.0000000000000606. PMID: 33797511.

Desai S, Hall M, Lipsett SC, Shah SS, Brogan TV, Hersh AL, Williams DJ, Grijalva CG, Gerber JS, Blaschke AJ, Neuman MI, Ambroggio L. Mycoplasma Pneumoniae Testing and Treatment Among Children With Community-Acquired Pneumonia. *Hosp Pediatr*. 2021 Jul;11(7):760-763. doi: 10.1542/hpeds.2020-005215. Epub 2021 Jun 15. PMID: 34583319.

Furch BD, Mwakamui S, Sianongo S, Zyambo K, Heimburger DC, Koethe JR, Kelly P. Contribution of *Schistosoma mansoni* to systemic inflammation and microbial translocation among people with HIV in Zambia. *Trans R Soc Trop Med Hyg*. 2021 Jul 14:trab103. doi: 10.1093/trstmh/trab103. Epub ahead of print. PMID: 34263318.

Hatch LD 3rd, Clark RH, Carlo WA, Stark AR, Ely EW, Patrick SW. Changes in Use of Respiratory Support for Preterm Infants in the US, 2008-2018. *JAMA Pediatr*. 2021 Jul 6:e211921. doi: 10.1001/jamapediatrics.2021.1921. Epub ahead of print. PMID: 34228110; PMCID: PMC8261685.

Julián-Serrano S, Yuan F, Wheeler W, Benyamin B, Machiela MJ, Arslan AA, Beane-Freeman LE, Bracci PM, Duell EJ, Du M, Gallinger S, Giles GG, Goodman PJ, Kooperberg C, Marchand LL, Neale RE, Shu XO, Van Den Eeden SK, Visvanathan K, Zheng W, Albanes D, Andreotti G, Ardanaz E, Babic A, Berndt SI, Brais LK, Brennan P, Bueno-de-Mesquita B, Buring JE, Chanock SJ, Childs EJ, Chung CC, Fabiánová E, Foretová L, Fuchs CS, Gaziano JM, Gentiluomo M, Giovannucci EL, Goggins MG, Hackert T, Hartge P, Hassan MM, Holcátová I, Holly EA, Hung RI, Janout V, Kurtz RC, Lee IM, Malats N, McKean D, Milne RL, Newton CC, Oberg AL, Perdomo S, Peters U, Porta M, Rothman N, Schulze MB, Sesso HD, Silverman DT, Thompson IM, Wactawski-Wende J, Weiderpass E, Wenstzensen N, White E, Wilkens LR, Yu H, Zeleniuch-Jacquotte A, Zhong J, Kraft P, Li D, Campbell PT, Petersen GM, Wolpin BM, Risch HA, Amundadottir LT, Klein AP, Yu K, Stolzenberg-Solomon RZ. Hepcidin-regulating iron metabolism genes and pancreatic ductal adenocarcinoma: a pathway analysis of genome-wide association studies. *Am J Clin Nutr*. 2021 Jul 13:nqab217. doi: 10.1093/ajcn/nqab217. Epub ahead of print. PMID: 34258619.

Kar SP, Considine DPC, Tyrer JP, Plummer JT, Chen S, Dezem FS, Barbeira AN, Rajagopal PS, Rosenow WT, Moreno F, Bodelon C, Chang-Claude J, Chenevix-Trench G, deFazio A, Dörk T, Ekici AB, Ewing A, Fountzilas G, Goode EL, Hartman M, Heitz F, Hillemanns P, Høgdall E, Høgdall CK, Huzarski T, Jensen A, Karlan BY, Khusnutdinova E, Kiemeny LA, Kjaer SK, Klapdor R, Köbel M, Li J, Liebrich C, May T, Olsson H, Permuth JB, Peterlongo P, Radice P, Ramus SJ, Riggan MJ, Risch HA, Saloustros E, Simard J, Szafron LM, Titus L, Thompson CL, Vierkant RA, Winham SJ, Zheng W, Doherty JA, Berchuck A, Lawrenson K, Im HK, Manichaikul AW, Pharoah PDP, Gayther SA, Schildkraut JM. Pleiotropy-guided transcriptome imputation from normal and tumor tissues identifies candidate susceptibility genes for breast and ovarian cancer. *HGG Adv*. 2021 Jul 8;2(3):100042. doi: 10.1016/j.xhgg.2021.100042. Epub 2021 Jun 16. PMID: 34317694; PMCID: PMC8312632.

Keaton JM, Jasper EA, Hellwege JN, Jones SH, Torstenson ES, Edwards TL, Velez Edwards DR. Evidence that geographic variation in genetic ancestry associates with uterine fibroids. *Hum Genet*. 2021 Jul 23. doi: 10.1007/s00439-021-02322-y. Epub ahead of print. PMID: 34302236.

Kotfis K, Witkiewicz W, Szylińska A, Witkiewicz K, Nalewajska M, Feret W, Wojczyński Ł, Duda Ł, Ely EW. Delirium Severely Worsens Outcome in Patients with COVID-19-A Retrospective Cohort Study from Temporary Critical Care Hospitals. *J Clin Med*. 2021 Jul 2;10(13):2974. doi: 10.3390/jcm10132974. PMID: 34279458; PMCID: PMC8267650.

Lakhani DA, Chen SC, Antic S, Muterspaugh A, Cook C, Liu N, Shujat H, Jouan S, Winston B, Fields K, Wenstrup J, Block SL, Hinton A, Miller A, Atmajoana S, Helton JT, Patel K, Balar AB, Brewer K, Nag S, Singh R, Disher A, Huerta L, Fremont R, Rickman O, Chen H, Eisenberg R, Sandler KL, Paulson A, Walker RC, Shah C, Smith GT, Landman B, Deppen S, Grogan EL, Aldrich MC, Massion PP. Establishing a Cohort and a Biorepository to Identify Biomarkers for Early Detection of Lung Cancer: The Nashville Lung Cancer Screening Trial Cohort. *Ann Am Thorac Soc*. 2021 Jul;18(7):1227-1234. doi: 10.1513/AnnalsATS.202004-344OC. PMID: 33400907; PMCID: PMC8328369.

Lee SA, Cai Q, Franke AA, Steinwandel M, Wu J, Wen W, Zheng W, Blot WJ, Shu XO. Associations of subtype and isomeric plasma carotenoids with prostate cancer risk in low-income African and European Americans. *Cancer Epidemiol Biomarkers Prev.* 2021 Jul 16:cebp.1785.2020. doi: 10.1158/1055-9965.EPI-20-1785. Epub ahead of print. PMID: 34272269.

Luo J, Martucci VL, Quandt Z, Groha S, Murray MH, Lovly CM, Rizvi H, Egger JV, Plodkowski AJ, Abu-Akeel M, Schulze I, Merghoub T, Cardenas E, Huntsman S, Li M, Hu D, Gubens MA, Gusev A, Aldrich MC, Hellmann MD, Ziv E. Immunotherapy-Mediated Thyroid Dysfunction: Genetic Risk and Impact on Outcomes with PD-1 Blockade in Non-Small Cell Lung Cancer. *Clin Cancer Res.* 2021 Jul 8. doi: 10.1158/1078-0432.CCR-21-0921. Epub ahead of print. PMID: 34244291.

Luu HN, Tran MT, Nguyen MV, Tuong TT, Tran QH, Le LC, Pham HT, Ha HT, Shrubsole MJ, Cai Q, Ye F, Boffetta P, Shu XO, Tran CT. Association Between Body Mass Index and Colorectal Adenomas: Findings from a Case-Control Study in Vietnam. *Int J Cancer.* 2021 Aug 4. doi: 10.1002/ijc.33757. Epub ahead of print. PMID: 34346504.

Milgrom SA, Kim J, Chirindel A, Kim J, Pei Q, Chen L, Buxton A, Kessel S, Leal J, McCarten KM, Hoppe BS, Wolden SL, Schwartz CL, Friedman DL, Kelly KM, Cho SY. Prognostic value of baseline metabolic tumor volume in children and adolescents with intermediate-risk Hodgkin lymphoma treated with chemo-radiation therapy: FDG-PET parameter analysis in a subgroup from COG AHOD0031. *Pediatr Blood Cancer.* 2021 Sep;68(9):e29212. doi: 10.1002/pbc.29212. Epub 2021 Jul 10. PMID: 34245210.

Muhimpundu S, Conway RBN, Warren Andersen S, Lipworth L, Steinwandel MD, Blot WJ, Shu XO, Sudenga SL. Racial Differences in Hepatocellular Carcinoma Incidence and Risk Factors among a Low Socioeconomic Population. *Cancers (Basel).* 2021 Jul 23;13(15):3710. doi: 10.3390/cancers13153710. PMID: 34359611; PMCID: PMC8345125.

Murff HJ, Shrubsole MJ, Cai Q, Su T, Dooley JH, Cai SS, Zheng W, Dai Q. N-3 Long Chain Fatty Acids Supplementation, Fatty Acids Desaturase Activity, and Colorectal Cancer Risk: A Randomized Controlled Trial. *Nutr Cancer.* 2021 Jul 22:1-11. doi: 10.1080/01635581.2021.1955286. Epub ahead of print. PMID: 34291724.

Preston RJ, Rühm W, Azzam EI, Boice JD, Bouffler S, Held KD, Little MP, Shore RE, Shuryak I, Weil MM. Adverse outcome pathways, key events, and radiation risk assessment. *Int J Radiat Biol.* 2021;97(6):804-814. doi: 10.1080/09553002.2020.1853847. Epub 2020 Dec 16. PMID: 33211576.

Ray WA, Chung CP, Murray KT, Malow BA, Daugherty JR, Stein CM. Mortality and concurrent use of opioids and hypnotics in older patients: A retrospective cohort study. *PLoS Med.* 2021 Jul 15;18(7):e1003709. doi: 10.1371/journal.pmed.1003709. PMID: 34264928; PMCID: PMC8321368.

Reid S, Haddad D, Tezak A, Weidner A, Wang X, Mautz B, Moore J, Cadiz S, Zhu Y, Zheng W, Mayer IA, Shu XO, Pal T. Impact of molecular subtype and race on HR+, HER2- breast cancer survival. *Breast Cancer Res Treat*. 2021 Jul 31. doi: 10.1007/s10549-021-06342-0. Epub ahead of print. PMID: 34331630.

Ren H, Guo X, Palazón-Bru A, Yang P, Huo N, Wang R, Sun Y, Hu Q, Yang H, Xu G. Regional Differences in Epidemiological and Clinical Characteristics, Treatment, and Clinical Outcomes of COVID-19 in Wuhan and Remote Areas of Hubei Province. *Front Med (Lausanne)*. 2021 Jul 15;8:667623. doi: 10.3389/fmed.2021.667623. PMID: 34336881; PMCID: PMC8319467.

Ross EJ, Gordon ER, Sothers H, Darji R, Baron O, Haithcock D, Prabhakarapandian B, Pant K, Myers RM, Cooper SJ, Cox NJ. Three dimensional modeling of biologically relevant fluid shear stress in human renal tubule cells mimics in vivo transcriptional profiles. *Sci Rep*. 2021 Jul 7;11(1):14053. doi: 10.1038/s41598-021-93570-5. PMID: 34234242; PMCID: PMC8263711.

Stanzick KJ, Li Y, Schlosser P, Gorski M, Wuttke M, Thomas LF, Rasheed H, Rowan BX, Graham SE, Vanderweff BR, Patil SB; VA Million Veteran Program, Robinson-Cohen C, Gaziano JM, O'Donnell CJ, Willer CJ, Hallan S, Åsvold BO, Gessner A, Hung AM, Pattaro C, Köttgen A, Stark KJ, Heid IM, Winkler TW. Discovery and prioritization of variants and genes for kidney function in >1.2 million individuals. *Nat Commun*. 2021 Jul 16;12(1):4350. doi: 10.1038/s41467-021-24491-0. PMID: 34272381; PMCID: PMC8285412.

Sudenga SL, Lotspeich SC, Nyitray AG, Sirak B, Shepherd BE, Messina J, Sereday KA, Silva RC, Abrahamsen M, Baggio ML, Quiterio M, Lazcano-Ponce E, Villa L, Giuliano AR. The role of external genital lesions in HIV seroconversion among men participating in a multinational study. *Sex Transm Dis*. 2021 Jul 17. doi: 10.1097/OLQ.0000000000001516. Epub ahead of print. PMID: 34282740.

Sun S, Zhu X, Huang X, Murff HJ, Ness RM, Seidner DL, Sorgen AA, Blakley IC, Yu C, Dai Q, Azcarate-Peril MA, Shrubsole MJ, Fodor AA. On the robustness of inference of association with the gut microbiota in stool, rectal swab and mucosal tissue samples. *Sci Rep*. 2021 Jul 21;11(1):14828. doi: 10.1038/s41598-021-94205-5. PMID: 34290321; PMCID: PMC8295290.

Turi KN, McKennan C, Gebretsadik T, Snyder B, Seroogy CM, Lemanske RF Jr, Zoratti E, Havstad S, Ober C, Lynch S, McCauley K, Yu C, Jackson DJ, Gern JE, Hartert TV; ECHO-CREW investigators. Unconjugated bilirubin is associated with protection from early-life wheeze and childhood asthma. *J Allergy Clin Immunol*. 2021 Jul;148(1):128-138. doi: 10.1016/j.jaci.2020.12.639. Epub 2021 Jan 10. PMID: 33434532; PMCID: PMC8271087.

Wiese AD, Everson J, Grijalva CG. Social Distancing Measures: Evidence of Interruption of Seasonal Influenza Activity and Early Lessons of the SARS-CoV-2 Pandemic. *Clin Infect Dis*. 2021 Jul 1;73(1):e141-e143. doi: 10.1093/cid/ciaa834. PMID: 32562538; PMCID: PMC7337694.

Winning AM, Moscato EL, Lehmann V, Keim MC, Rausch JR, Lipak KG, Himelhoch AC, Murphy LK, Prussien KV, Olshefski RS, Vannatta K, Compas BE, Gerhardt CA. Impact of

central nervous system-directed treatment on competence and adjustment among children in early cancer survivorship. *Pediatr Blood Cancer*. 2021 Sep;68(9):e29220. doi: 10.1002/pbc.29220. Epub 2021 Jul 10. PMID: 34245215.

Wu P, Nelson SD, Zhao J, Stone CA Jr, Feng Q, Chen Q, Larson EA, Li B, Cox NJ, Stein CM, Phillips EJ, Roden DM, Denny JC, Wei WQ. DDIWAS: High-throughput electronic health record-based screening of drug-drug interactions. *J Am Med Inform Assoc*. 2021 Jul 14;28(7):1421-1430. doi: 10.1093/jamia/ocab019. PMID: 33712848; PMCID: PMC8279788.

Yang X, Xie Y, Wang Y, Yu Y, Jin X, Xiu P, Wu JHY, Yu D, Pan A, Zhao J, Yang CX, Pan XF. Arthritis is associated with an increased risk of incident diabetes in Chinese adults: A nationwide cohort study and updated meta-analysis. *Diabetes Metab Res Rev*. 2021 Jul 21:e3487. doi: 10.1002/dmrr.3487. Epub ahead of print. PMID: 34289224.

Zahed H, Johansson M, Ueland PM, Midttun Ø, Milne RL, Giles GG, Manjer J, Sandsveden M, Langhammer A, Sørgerd EP, Grankvist K, Johansson M, Freedman ND, Huang WY, Chen C, Prentice R, Stevens VL, Wang Y, Le Marchand L, Wilkens LR, Weinstein SJ, Albanes D, Cai Q, Blot WJ, Arslan AA, Zeleniuch-Jacquotte A, Shu XO, Zheng W, Yuan JM, Koh WP, Visvanathan K, Sesso HD, Zhang X, Gaziano JM, Fanidi A, Muller D, Brennan P, Guida F, Robbins HA. Epidemiology of 40 blood biomarkers of one-carbon metabolism, vitamin status, inflammation, and renal and endothelial function among cancer-free older adults. *Sci Rep*. 2021 Jul 5;11(1):13805. doi: 10.1038/s41598-021-93214-8. PMID: 34226613; PMCID: PMC8257595.

August

Arteaga D, Donnelly T, Crum K, Markham L, Killian M, Burnette WB, Soslow J, Buchowski MS. Assessing Physical Activity Using Accelerometers in Youth with Duchenne Muscular Dystrophy. *J Neuromuscul Dis*. 2020;7(3):331-342. doi: 10.3233/JND-200478. PMID: 32417792; PMCID: PMC7369107.

Bertrand KA, O'Brien KM, Wright LB, Palmer JR, Blot WJ, Eliassen AH, Rosenberg L, Sandin S, Tobias D, Weiderpass E, Zheng W, Swerdlow AJ, Schoemaker MJ, Nichols HB, Sandler DP. Gestational diabetes and risk of breast cancer before age 55 years. *Int J Epidemiol*. 2021 Aug 29:dyab165. doi: 10.1093/ije/dyab165. Epub ahead of print. PMID: 34458915.

Davy-Mendez T, Napravnik S, Eron JJ, Cole SR, van Duin D, Wohl DA, Hogan BC, Althoff KN, Gebo KA, Moore RD, Silverberg MJ, Horberg MA, Gill MJ, Mathews WC, Klein MB, Colasanti JA, Sterling TR, Mayor AM, Rebeiro PF, Buchacz K, Li J, Nanditha NGA, Thorne JE, Nijhawan A, Berry SA; North American AIDS Cohort Collaboration on Research and Design (NA-ACCORD) of the International Epidemiology Databases to Evaluate AIDS (IeDEA). Current and Past Immunodeficiency Are Associated With Higher Hospitalization Rates Among Persons on Virologically Suppressive Antiretroviral Therapy for up to 11 Years. *J Infect Dis*. 2021 Aug 16;224(4):657-666. doi: 10.1093/infdis/jiaa786. Epub 2020 Dec 26. PMID: 34398239; PMCID: PMC8366443.

Gordon RL, Ravignani A, Hyland Bruno J, Robinson CM, Scartozzi A, Embalabala R, Niarchou M; 23andMe Research Team, Cox NJ, Creanza N. Linking the genomic signatures of human beat synchronization and learned song in birds. *Philos Trans R Soc Lond B Biol Sci*. 2021 Oct 11;376(1835):20200329. doi: 10.1098/rstb.2020.0329. Epub 2021 Aug 23. PMID: 34420388.

Kammer MN, Lakhani DA, Balar AB, Antic SL, Kussrow AK, Webster RL, Mahapatra S, Barad U, Shah C, Atwater T, Diergaard B, Qian J, Kaizer A, New M, Hirsch E, Feser WJ, Strong J, Rioth M, Miller Y, Balagurunathan Y, Rowe DJ, Helmey S, Chen SC, Bauza J, Deppen SA, Sandler K, Maldonado F, Spira A, Billatos E, Schabath MB, Gillies RJ, Wilson DO, Walker RC, Landman B, Chen H, Grogan EL, Barón AE, Bornhop DJ, Massion PP. Integrated Biomarkers for the Management of Indeterminate Pulmonary Nodules. *Am J Respir Crit Care Med*. 2021 Aug 31. doi: 10.1164/rccm.202012-4438OC. Epub ahead of print. PMID: 34464235.

Lipak KG, Rausch JR, Fisher RS, Prussien KV, Clark OE, Kenney AE, Himelhoch AC, Olshefski RS, Nahata L, Vannatta K, Compas BE, Gerhardt CA. The impact of CNS-directed treatment on quality of life in childhood cancer survivors. *Qual Life Res*. 2021 Aug 29. doi: 10.1007/s11136-021-02984-1. Epub ahead of print. PMID: 34455525.

Liu YS, Wu PE, Chou WC, Vikram R, Chen WT, Yang SL, Bolla MK, Wang Q, Dennis J, Chan TL, Choi JY, Hou MF, Ito H, Kang D, Kim SW, Kwong A, Matsuo K, Park SK, Shu XO, Zheng W, Dunning AM, Easton DF, Shen CY. Body mass index and type 2 diabetes and breast cancer survival: a Mendelian randomization study. *Am J Cancer Res*. 2021 Aug 15;11(8):3921-3934. PMID: 34522458; PMCID: PMC8414374.

Lytle KL, Collins SP, Feldstein LR, Baughman AH, Brown SM, Casey JD, Erickson HL, Exline MC, Files DC, Gibbs KW, Ginde AA, Gong MN, Grijalva CG, Khan A, Lindsell CJ, Peltan ID, Prekker ME, Rice TW, Shapiro NI, Steingrub JS, Stubblefield WB, Tenforde MW, Womack KN, Patel MM, Self WH; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Influenza vaccine acceptance and hesitancy among adults hospitalized with severe acute respiratory illnesses, United States 2019-2020. *Vaccine*. 2021 Aug 31;39(37):5271-5276. doi: 10.1016/j.vaccine.2021.07.057. Epub 2021 Aug 7. PMID: 34376307.

Marconi VC, Ramanan AV, de Bono S, Kartman CE, Krishnan V, Liao R, Piruzeli MLB, Goldman JD, Alatorre-Alexander J, de Cassia Pellegrini R, Estrada V, Som M, Cardoso A, Chakladar S, Crowe B, Reis P, Zhang X, Adams DH, Ely EW; COV-BARRIER Study Group. Efficacy and safety of baricitinib for the treatment of hospitalised adults with COVID-19 (COV-BARRIER): a randomised, double-blind, parallel-group, placebo-controlled phase 3 trial. *Lancet Respir Med*. 2021 Aug 31:S2213-2600(21)00331-3. doi: 10.1016/S2213-2600(21)00331-3. Epub ahead of print. Erratum in: *Lancet Respir Med*. 2021 Sep 8;: PMID: 34480861; PMCID: PMC8409066.

Park HA, Neumeyer S, Michailidou K, Bolla MK, Wang Q, Dennis J, Ahearn TU, Andrulis IL, Anton-Culver H, Antonenkova NN, Arndt V, Aronson KJ, Augustinsson A, Baten A, Beane Freeman LE, Becher H, Beckmann MW, Behrens S, Benitez J, Bermisheva M, Bogdanova NV, Bojesen SE, Brauch H, Brenner H, Brucker SY, Burwinkel B, Campa D, Canzian F, Castela JE, Chanock SJ, Chenevix-Trench G, Clarke CL; NBCS Collaborators, Conroy DM, Couch FJ, Cox

A, Cross SS, Czene K, Daly MB, Devilee P, Dörk T, Dos-Santos-Silva I, Dwek M, Eccles DM, Eliassen AH, Engel C, Eriksson M, Evans DG, Fasching PA, Flyger H, Fritschi L, García-Closas M, García-Sáenz JA, Gaudet MM, Giles GG, Glendon G, Goldberg MS, Goldgar DE, González-Neira A, Grip M, Guénel P, Hahnen E, Haiman CA, Håkansson N, Hall P, Hamann U, Han S, Harkness EF, Hart SN, He W, Heemskerk-Gerritsen BAM, Hopper JL, Hunter DJ; ABCTB Investigators; kConFab Investigators, Jager A, Jakubowska A, John EM, Jung A, Kaaks R, Kapoor PM, Keeman R, Khusnutdinova E, Kitahara CM, Koppert LB, Koutros S, Kristensen VN, Kurian AW, Lacey J, Lambrechts D, Le Marchand L, Lo WY, Lubiński J, Mannermaa A, Manoochehri M, Margolin S, Martinez ME, Mavroudis D, Meindl A, Menon U, Milne RL, Muranen TA, Nevanlinna H, Newman WG, Nordestgaard BG, Offit K, Olshan AF, Olsson H, Park-Simon TW, Peterlongo P, Peto J, Plaseska-Karanfilska D, Presneau N, Radice P, Rennert G, Rennert HS, Romero A, Saloustros E, Sawyer EJ, Schmidt MK, Schmutzler RK, Schoemaker MJ, Schwentner L, Scott C, Shah M, Shu XO, Simard J, Smeets A, Southey MC, Spinelli JJ, Stevens V, Swerdlow AJ, Tamimi RM, Tapper WJ, Taylor JA, Terry MB, Tomlinson I, Troester MA, Truong T, Vachon CM, van Veen EM, Vijai J, Wang S, Wendt C, Winqvist R, Wolk A, Ziogas A, Dunning AM, Pharoah PDP, Easton DF, Zheng W, Kraft P, Chang-Claude J. Mendelian randomisation study of smoking exposure in relation to breast cancer risk. *Br J Cancer*. 2021 Aug 2. doi: 10.1038/s41416-021-01432-8. Epub ahead of print. PMID: 34341517.

Chen Z, Guo X, Long J, Ping J, Li B, Fadden MK, Ahearn TU, Stram DO, Shu XO, Jia G, Figueroa J; Ghana Breast Health Study team, Palmer JR, Sanderson M, Haiman CA, Blot WJ, Garcia-Closas M, Cai Q, Zheng W. Discovery of structural deletions in breast cancer predisposition genes using whole genome sequencing data from > 2000 women of African-ancestry. *Hum Genet*. 2021 Oct;140(10):1449-1457. doi: 10.1007/s00439-021-02342-8. Epub 2021 Aug 27. PMID: 34487234.

Chin HB, Kelly A, Adgent MA, Patchel SA, James K, Vesper HW, Botelho JC, Chandler DW, Zemel BS, Schall JI, Ford EG, Darge K, Stallings VA, Baird DD, Rogan WJ, Umbach DM. Reproductive Hormone Concentrations and Associated Anatomical Responses: Does Soy Formula Affect Minipuberty in Boys? *J Clin Endocrinol Metab*. 2021 Aug 18;106(9):2635-2645. doi: 10.1210/clinem/dgab354. PMID: 34013335; PMCID: PMC8372659.

Dong X, Zhou Y, Shu XO, Bernstam EV, Stern R, Aronoff DM, Xu H, Lipworth L. Comprehensive Characterization of COVID-19 Patients with Repeatedly Positive SARS-CoV-2 Tests Using a Large U.S. Electronic Health Record Database. *Microbiol Spectr*. 2021 Sep 3;9(1):e0032721. doi: 10.1128/Spectrum.00327-21. Epub 2021 Aug 18. PMID: 34406805.

Guenther U, Wolke M, Hansen HC, Feldmann N, Diers A, Dewald O, Ely EW, Weyland A. Bedeutung der Desorientierung bei der Delireinschätzung : Sekundäranalyse einer prospektiven, observationellen Studie [Disorientation and delirium assessment : A secondary analysis of a prospective, observational study]. *Med Klin Intensivmed Notfmed*. 2021 Aug 25. German. doi: 10.1007/s00063-021-00850-z. Epub ahead of print. PMID: 34432084.

Hufnagel DH, Khabele D, Yull FE, Hull PC, Schildkraut J, Crispens MA, Beeghly-Fadiel A. Increasing Area Deprivation Index negatively impacts ovarian cancer survival. *Cancer*

Epidemiol. 2021 Oct;74:102013. doi: 10.1016/j.canep.2021.102013. Epub 2021 Aug 23. PMID: 34438316.

Pontzer H, Yamada Y, Sagayama H, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Bovet P, Buchowski MS, Butte NF, Camps SG, Close GL, Cooper JA, Cooper R, Das SK, Dugas LR, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin C, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, Racette SB, Raichlen DA, Ravussin E, Reynolds RM, Roberts SB, Schuit AJ, Sjödin AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl C, Luke AH, Rood J, Schoeller DA, Westerterp KR, Wong WW, Speakman JR; IAEA DLW Database Consortium. Daily energy expenditure through the human life course. *Science*. 2021 Aug 13;373(6556):808-812. doi: 10.1126/science.abe5017. PMID: 34385400; PMCID: PMC8370708.

Sheng X, Guan Y, Ma Z, Wu J, Liu H, Qiu C, Vitale S, Miao Z, Seasock MJ, Palmer M, Shin MK, Duffin KL, Pullen SS, Edwards TL, Hellwege JN, Hung AM, Li M, Voight BF, Coffman TM, Brown CD, Susztak K. Mapping the genetic architecture of human traits to cell types in the kidney identifies mechanisms of disease and potential treatments. *Nat Genet.* 2021 Sep;53(9):1322-1333. doi: 10.1038/s41588-021-00909-9. Epub 2021 Aug 12. PMID: 34385711.

Shi J, Yang Y, Xie H, Wang X, Wu J, Long J, Courtney R, Shu XO, Zheng W, Blot WJ, Cai Q. Association of oral microbiota with lung cancer risk in a low-income population in the Southeastern USA. *Cancer Causes Control.* 2021 Aug 25. doi: 10.1007/s10552-021-01490-6. Epub ahead of print. PMID: 34432217.

Shing JZ, Beeghly-Fadiel A, Griffin MR, Chang RS, Sudenga SL, Slaughter JC, Pemmaraju M, Mitchel EF, Hull PC. The Impact of the Human Papillomavirus Vaccine on High-Grade Cervical Lesions in Urban and Rural Areas: An Age-Period-Cohort Analysis. *Cancers (Basel).* 2021 Aug 21;13(16):4215. doi: 10.3390/cancers13164215. PMID: 34439369; PMCID: PMC8391543.

Stollings JL, Kotfis K, Chanques G, Pun BT, Pandharipande PP, Ely EW. Delirium in critical illness: clinical manifestations, outcomes, and management. *Intensive Care Med.* 2021 Aug 16:1–15. doi: 10.1007/s00134-021-06503-1. Epub ahead of print. PMID: 34401939; PMCID: PMC8366492.

Sundermann AC, Aldridge TD, Hartmann KE, Jones SH, Torstenson ES, Edwards DRV. Uterine fibroids and risk of preterm birth by clinical subtypes: a prospective cohort study. *BMC Pregnancy Childbirth.* 2021 Aug 17;21(1):560. doi: 10.1186/s12884-021-03968-2. PMID: 34404387; PMCID: PMC8369624.

Szczygiel LA, Jones RD, Drake AF, Drake WP, Ford DE, Hartmann KE, Libby AM, Marshall BA, Regensteiner JG, Yaffe K, Jagsi R. Insights from an Intervention to Support Early Career

Faculty with Extraprofessional Caregiving Responsibilities. *Womens Health Rep (New Rochelle)*. 2021 Aug 23;2(1):355-368. doi: 10.1089/whr.2021.0018. PMID: 34476418; PMCID: PMC8409229.

Tenforde MW, Patel MM, Ginde AA, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, Gaglani M, McNeal T, Ghamande S, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Exline MC, Gong MN, Mohamed A, Henning DJ, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CT, Busse L, Ten Lohuis CC, Duggal A, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Gershengorn HB, Babcock HM, Kwon JH, Halasa N, Chappell JD, Lauring AS, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Lindsell CJ, Hart KW, Zhu Y, Olson SM, Stephenson M, Schrag SJ, Kobayashi M, Verani JR, Self WH; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Effectiveness of SARS-CoV-2 mRNA Vaccines for Preventing Covid-19 Hospitalizations in the United States. *Clin Infect Dis*. 2021 Aug 6:ciab687. doi: 10.1093/cid/ciab687. Epub ahead of print. PMID: 34358310; PMCID: PMC8436392.

Tenforde MW, Self WH, Naioti EA, Ginde AA, Douin DJ, Olson SM, Talbot HK, Casey JD, Mohr NM, Zepeski A, Gaglani M, McNeal T, Ghamande S, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Gong MN, Mohamed A, Henning DJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, Duggal A, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Halasa N, Chappell JD, Lauring AS, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Lindsell CJ, Hart KW, Zhu Y, Stephenson M, Schrag SJ, Kobayashi M, Verani JR, Patel MM; IVY Network Investigators; IVY Network. Sustained Effectiveness of Pfizer-BioNTech and Moderna Vaccines Against COVID-19 Associated Hospitalizations Among Adults - United States, March-July 2021. *MMWR Morb Mortal Wkly Rep*. 2021 Aug 27;70(34):1156-1162. doi: 10.15585/mmwr.mm7034e2. PMID: 34437524; PMCID: PMC8389395.

Wiese AD, Osmundson SS, Mitchel E Jr, Adgent M, Phillips S, Patrick SW, Spieker AJ, Grijalva CG. The risk of serious opioid-related events associated with common opioid prescribing regimens in the postpartum period after cesarean delivery. *Am J Obstet Gynecol MFM*. 2021 Aug 26;3(6):100475. doi: 10.1016/j.ajogmf.2021.100475. Epub ahead of print. PMID: 34455101.

Wilson JE, Andrews P, Ainsworth A, Roy K, Ely EW, Oldham MA. Pseudodelirium: Psychiatric Conditions to Consider on the Differential for Delirium. *J Neuropsychiatry Clin Neurosci*. 2021 Aug 16:appineuropsych20120316. doi: 10.1176/appi.neuropsych.20120316. Epub ahead of print. PMID: 34392693.

Xiao Q, Gierach GL, Bauer C, Blot WJ, James P, Jones RR. The Association between Outdoor Artificial Light at Night and Breast Cancer Risk in Black and White Women in the Southern Community Cohort Study. *Environ Health Perspect*. 2021 Aug;129(8):87701. doi: 10.1289/EHP9381. Epub 2021 Aug 11. PMID: 34379524; PMCID: PMC8357036.

Yan C, Gao C, Zhang Z, Chen W, Malin BA, Ely EW, Patel MB, Chen Y. Predicting brain function status changes in critically ill patients via Machine learning. *J Am Med Inform Assoc*. 2021 Aug 17;ocab166. doi: 10.1093/jamia/ocab166. Epub ahead of print. PMID: 34402496.

September

Bekelman TA, Dabelea D, Ganiban JM, Law A, McGovern Reilly A, Althoff KN, Mueller N, Camargo CA Jr, Duarte CS, Dunlop AL, Elliott AJ, Ferrara A, Gold DR, Hertz-Picciotto I, Hartert T, Hipwell AE, Huddleston K, Johnson CC, Karagas MR, Karr CJ, Hershey GKK, Leve L, Mahabir S, McEvoy CT, Neiderhiser J, Oken E, Rundle A, Sathyanarayana S, Turley C, Tylavsky FA, Watson SE, Wright R, Zhang M, Zoratti E; Program collaborators for Environmental influences on Child Health Outcomes (ECHO). Regional and sociodemographic differences in average BMI among US children in the ECHO program. *Obesity (Silver Spring)*. 2021 Aug 31. doi: 10.1002/oby.23235. Epub ahead of print. PMID: 34467678.

Brown PA, Shah B, Advani A, Aoun P, Boyer MW, Burke PW, DeAngelo DJ, Dinner S, Fathi AT, Gauthier J, Jain N, Kirby S, Liedtke M, Litzow M, Logan A, Luger S, Maness LJ, Massaro S, Mattison RJ, May W, Oluwole O, Park J, Przespolewski A, Rangaraju S, Rubnitz JE, Uy GL, Vusirikala M, Wieduwilt M, Lynn B, Berardi RA, Freedman-Cass DA, Campbell M. Acute Lymphoblastic Leukemia, Version 2.2021, NCCN Clinical Practice Guidelines in Oncology. *J Natl Compr Canc Netw*. 2021 Sep 20;19(9):1079-1109. doi: 10.6004/jnccn.2021.0042. PMID: 34551384.

Carlson LE, Watt GP, Tonorezos ES, Chow EJ, Yu AF, Woods M, Lynch CF, John EM, Mellekjær L, Brooks JD, Knight JA, Reiner AS, Liang X, Smith SA, Bernstein L, Dauer LT, Cerviño LI, Howell RM, Shore RE, Boice JD Jr, Bernstein JL; WECARE Study Collaborative Group. Coronary Artery Disease in Young Women After Radiation Therapy for Breast Cancer: The WECARE Study. *JACC CardioOncol*. 2021 Sep 21;3(3):381-392. doi: 10.1016/j.jacc.2021.07.008. PMID: 34604798; PMCID: PMC8463731.

Dickson AL, Daniel LL, Zanussi J, Dale Plummer W, Wei W-Q, Liu G, Reese T, Anandi P, Birdwell KA, Kawai V, Cox NJ, Dupont WD, Hung AM, Feng Q, Stein CM, Chung CP. TPMT and NUDT15 Variants Predict Discontinuation of Azathioprine for Myelotoxicity in Patients with Inflammatory Disease: Real-World Clinical Results. *Clin Pharmacol Ther*. 2021 Sep 28; PMID: 34582038

Edwards JK, Cole SR, Breger TL, Rudolph JE, Filiatreau LM, Buchacz K, Humes E, Rebeiro PF, D'Souza G, Gill MJ, Silverberg MJ, Mathews WC, Horberg MA, Thorne J, Hall HI, Justice A, Marconi VC, Lima VD, Bosch RJ, Sterling TR, Althoff KN, Moore RD, Saag M, Eron JJ. Mortality Among Persons Entering HIV Care Compared With the General U.S. Population : An Observational Study. *Ann Intern Med*. 2021 Sep;174(9):1197-1206. doi: 10.7326/M21-0065. Epub 2021 Jul 6. PMID: 34224262; PMCID: PMC8453103.

Fan L, Zhu X, Zheng Y, Zhang W, Seidner DL, Ness R, Murff HJ, Yu C, Huang X, Shrubsole MJ, Hou L, Dai Q. Magnesium treatment on methylation changes of transmembrane serine

protease 2 (TMPRSS2). *Nutrition*. 2021 Sep;89:111340. doi: 10.1016/j.nut.2021.111340. Epub 2021 May 7. PMID: 34116393; PMCID: PMC8102075.

Feng C, Cao Y, Su Y, Cai H, Shu XO, Zheng W, Yu D, Zong G. Association between Tea Consumption and Hypertension Risk among Middle-Aged and Older Chinese Adults. *J Nutr*. 2021 Sep 29:nxab293. doi: 10.1093/jn/nxab293. Epub ahead of print. PMID: 34590120.

Holowatyj AN, Eng C, Lewis MA. Incorporating Reproductive Health in the Clinical Management of Early-Onset Colorectal Cancer. *JCO Oncol Pract*. 2021 Sep 23:OP2100525. doi: 10.1200/OP.21.00525. Epub ahead of print. PMID: 34554830.

Huang H, Li H, Zhang X, Shi G, Xu M, Ru X, Chen Y, Patel MB, Ely EW, Lin S, Zhang G, Zhou J. Association of postoperative delirium with cognitive outcomes: A meta-analysis. *J Clin Anesth*. 2021 Sep 2;75:110496. doi: 10.1016/j.jclinane.2021.110496. Epub ahead of print. PMID: 34482263.

Jeong E, Osmundson S, Gao C, Edwards DRV, Malin B, Chen Y. Learning the impact of acute and chronic diseases on forecasting neonatal encephalopathy. *Comput Methods Programs Biomed*. 2021 Nov;211:106397. doi: 10.1016/j.cmpb.2021.106397. Epub 2021 Sep 13. PMID: 34530389; PMCID: PMC8551018.

Johnson LF, Kariminia A, Trickey A, Yiannoutsos CT, Ekouevi DK, Minga AK, Pascom ARP, Han WM, Zhang L, Althoff KN, Rebeiro PF, Murenzi G, Ross J, Hsiao NY, Marsh K. Achieving consistency in measures of HIV-1 viral suppression across countries: derivation of an adjustment based on international antiretroviral treatment cohort data. *J Int AIDS Soc*. 2021 Sep;24 Suppl 5(Suppl 5):e25776. doi: 10.1002/jia2.25776. PMID: 34546623; PMCID: PMC8454679.

Lindsell CJ, Gatto CL, Dear ML, Buie R, Rice TW, Pulley JM, Hartert TV, Kripalani S, Harrell FE, Byrne DW, Edgeworth MC, Steaban R, Dittus RS, Bernard GR. Learning From What We Do, and Doing What We Learn: A Learning Health Care System in Action. *Acad Med*. 2021 Sep 1;96(9):1291-1299. doi: 10.1097/ACM.0000000000004021. PMID: 33635834.

Liu D, Zhu J, Zhou D, Nikas EG, Mitanis NT, Sun Y, Wu C, Mancuso N, Cox NJ, Wang L, Freedland SJ, Haiman CA, Gamazon ER, Nikas JB, Wu L. A transcriptome-wide association study identifies novel candidate susceptibility genes for prostate cancer risk. *Int J Cancer*. 2021 Sep 14. doi: 10.1002/ijc.33808. Epub ahead of print. PMID: 34520569.

Nakamura K, Liu K, Katsukawa H, Nydahl P, Ely EW, Kudchadkar SR, Inoue S, Lefor AK, Nishida O. Nutrition therapy in the intensive care unit during the COVID-19 pandemic: Findings from the ISIIC point prevalence study. *Clin Nutr*. 2021 Sep 27:S0261-5614(21)00450-7. doi: 10.1016/j.clnu.2021.09.033. Epub ahead of print. PMID: 34656370; PMCID: PMC8474754.

Ni B, Gettler E, Stern R, Munro HM, Steinwandel M, Aldrich MC, Friedman DL, Sanderson M, Schlundt D, Aronoff DM, Gupta DK, Shrubsole MJ, Lipworth L. Disruption of medical care among individuals in the southeastern United States during the COVID-19 pandemic. *J Public Health Res*. 2021 Sep 24. doi: 10.4081/jphr.2021.2497. Epub ahead of print. PMID: 34558253.

Pummanee T, Chunuan S, Tedla YG, Purinthrapibal S, Chupon N. Developing and evaluating the Teen-Strong life skills programme in Southern Thailand. *Health Promot Int*. 2021 Sep 12:daab147. doi: 10.1093/heapro/daab147. Epub ahead of print. PMID: 34510197.

Self WH, Tenforde MW, Rhoads JP, Gaglani M, Ginde AA, Douin DJ, Olson SM, Talbot HK, Casey JD, Mohr NM, Zepeski A, McNeal T, Ghamande S, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Gong MN, Mohamed A, Henning DJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, Duggal A, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Halasa N, Chappell JD, Luring AS, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Lindsell CJ, Hart KW, Zhu Y, Mills L, Lester SN, Stumpf MM, Naioti EA, Kobayashi M, Verani JR, Thornburg NJ, Patel MM; IVY Network. Comparative Effectiveness of Moderna, Pfizer-BioNTech, and Janssen (Johnson & Johnson) Vaccines in Preventing COVID-19 Hospitalizations Among Adults Without Immunocompromising Conditions - United States, March-August 2021. *MMWR Morb Mortal Wkly Rep*. 2021 Sep 24;70(38):1337-1343. doi: 10.15585/mmwr.mm7038e1. PMID: 34555004; PMCID: PMC8459899.

Shin S, Lee JE, Loftfield E, Shu XO, Abe SK, Rahman MS, Saito E, Islam MR, Tsugane S, Sawada N, Tsuji I, Kanemura S, Sugawara Y, Tomata Y, Sadakane A, Ozasa K, Oze I, Ito H, Shin MH, Ahn YO, Park SK, Shin A, Xiang YB, Cai H, Koh WP, Yuan JM, Yoo KY, Chia KS, Boffetta P, Ahsan H, Zheng W, Inoue M, Kang D, Potter JD, Matsuo K, Qiao YL, Rothman N, Sinha R. Coffee and tea consumption and mortality from all causes, cardiovascular disease and cancer: a pooled analysis of prospective studies from the Asia Cohort Consortium. *Int J Epidemiol*. 2021 Sep 1:dyab161. doi: 10.1093/ije/dyab161. Epub ahead of print. PMID: 34468722.

Spencer HJJ, Dantuluri KL, Thurm C, Griffith H, Grijalva CG, Banerjee R, Howard LM. Variation in antibiotic use among neonatal intensive care units in the United States. *Infect Control Hosp Epidemiol*. 2021 Sep 9:1-3. doi: 10.1017/ice.2021.379. Epub ahead of print. PMID: 34496991.

Spies CD, Knaak C, Mertens M, Brockhaus WR, Shadenok A, Wiebach J, Kunzmann K, Feldheiser A, Pratschke J, Müller O, Kipping V, Fabian M, Abels W, Borchers F, Akyüz L, Ely EW, Wernecke KD, Menon DK, Piper SK. Physostigmine for prevention of postoperative delirium and long-term cognitive dysfunction in liver surgery: A double-blinded randomised controlled trial. *Eur J Anaesthesiol*. 2021 Sep 1;38(9):943-956. doi: 10.1097/EJA.0000000000001456. PMID: 33534264.

Sun Y, Zhu J, Zhou D, Canchi S, Wu C, Cox NJ, Rissman RA, Gamazon ER, Wu L. A transcriptome-wide association study of Alzheimer's disease using prediction models of relevant tissues identifies novel candidate susceptibility genes. *Genome Med*. 2021 Sep 1;13(1):141. doi: 10.1186/s13073-021-00959-y. PMID: 34470669; PMCID: PMC8408990.

Svensson T, Saito E, Svensson AK, Melander O, Orho-Melander M, Mimura M, Rahman S, Sawada N, Koh WP, Shu XO, Tsuji I, Kanemura S, Park SK, Nagata C, Tsugane S, Cai H, Yuan JM, Matsuyama S, Sugawara Y, Wada K, Yoo KY, Chia KS, Boffetta P, Ahsan H, Zheng W, Kang D, Potter JD, Inoue M. Association of Sleep Duration With All- and Major-Cause Mortality Among Adults in Japan, China, Singapore, and Korea. *JAMA Netw Open*. 2021 Sep 1;4(9):e2122837. doi: 10.1001/jamanetworkopen.2021.22837. PMID: 34477853; PMCID: PMC8417759.

Tran HTT, Nguyen S, Nguyen KK, Pham DX, Nguyen UH, Le AT, Nguyen GH, Tran DV, Phung SDH, Do HM, Tran TV, Shu XO, Osarogiagbon RU. Lung Cancer in Vietnam. *J Thorac Oncol*. 2021 Sep;16(9):1443-1448. doi: 10.1016/j.jtho.2021.06.002. PMID: 34425998.

Wen W, Chen Z, Bao J, Long Q, Shu XO, Zheng W, Guo X. Genetic variations of DNA bindings of FOXA1 and co-factors in breast cancer susceptibility. *Nat Commun*. 2021 Sep 13;12(1):5318. doi: 10.1038/s41467-021-25670-9. PMID: 34518541; PMCID: PMC8438084.

Wu C, Zhu J, King A, Tong X, Lu Q, Park JY, Wang L, Gao G, Deng HW, Yang Y, Knudsen KE, Rebbeck TR, Long J, Zheng W, Pan W, Conti DV, Haiman CA, Wu L. Novel strategy for disease risk prediction incorporating predicted gene expression and DNA methylation data: a multi-phased study of prostate cancer. *Cancer Commun (Lond)*. 2021 Sep 14. doi: 10.1002/cac2.12205. Epub ahead of print. PMID: 34520132.

Zheng NS, Wang F, Agarwal R, Carroll RJ, Wei WQ, Berlin J, Shu XO. Racial disparity in taxane-induced neutropenia among cancer patients. *Cancer Med*. 2021 Oct;10(19):6767-6776. doi: 10.1002/cam4.4181. Epub 2021 Sep 21. PMID: 34547180; PMCID: PMC8495275.

Zhu J, Yang Y, Kisiel JB, Mahoney DW, Michaud DS, Guo X, Taylor WR, Shu XO, Shu X, Liu D, Li B, Tao R, Cai Q, Zheng W, Long J, Wu L. Integrating Genome and Methylome Data to Identify Candidate DNA Methylation Biomarkers for Pancreatic Cancer Risk. *Cancer Epidemiol Biomarkers Prev*. 2021 Sep 8. doi: 10.1158/1055-9965.EPI-21-0400. Epub ahead of print. PMID: 34497089.

October

Antoon JW, Grijalva CG, Thurm C, Richardson T, Spaulding AB, Teufel RJ 2nd, Reyes MA, Shah SS, Burns JE, Kenyon CC, Hersh AL, Williams DJ. Factors Associated With COVID-19 Disease Severity in US Children and Adolescents. *J Hosp Med*. 2021 Oct;16(10):603-610. doi: 10.12788/jhm.3689. PMID: 34613896; PMCID: PMC8494279.

Aquilina SR, Shrubsole MJ, Butt J, Sanderson M, Schlundt DG, Cook MC, Epplein M. Adverse childhood experiences and adult diet quality. *J Nutr Sci*. 2021 Oct 29;10:e95. doi: 10.1017/jns.2021.85. PMID: 34804516; PMCID: PMC8596075.

Boehm LM, Jones AC, Selim AA, Viridun C, Garrard CF, Walden RL, Wesley Ely E, Hosie A. Delirium-related distress in the ICU: A qualitative meta-synthesis of patient and family

perspectives and experiences. *Int J Nurs Stud*. 2021 Oct;122:104030. doi: 10.1016/j.ijnurstu.2021.104030. Epub 2021 Jul 3. PMID: 34343884; PMCID: PMC8440491.

Boice JD Jr, Bouville A, Dauer LT, Golden AP, Wakeford R. Introduction to the special issue on the US Million Person Study of health effects from low-level exposure to radiation. *Int J Radiat Biol*. 2021 Oct 26:1-4. doi: 10.1080/09553002.2021.1989906. Epub ahead of print. PMID: 34612764.

Boice JD Jr, Cohen SS, Mumma MT, Hagemeyer DA, Chen H, Golden AP, Yoder RC, Dauer LT. Mortality from Leukemia, Cancer and Heart Disease among U.S. Nuclear Power Plant Workers, 1957-2011. *Int J Radiat Biol*. 2021 Oct 20:1-67. doi: 10.1080/09553002.2021.1967507. Epub ahead of print. PMID: 34669562.

Boice JD Jr, Quinn B, Al-Nabulsi I, Ansari A, Blake PK, Blattnig SR, Caffrey EA, Cohen SS, Golden AP, Held KD, Jokisch DW, Leggett RW, Mumma MT, Samuels C, Till JE, Tolmachev SY, Yoder RC, Zhou JY, Dauer LT. A million persons, a million dreams: a vision for a national center of radiation epidemiology and biology. *Int J Radiat Biol*. 2021 Nov 3:1-27. doi: 10.1080/09553002.2021.1988183. Epub ahead of print. PMID: 34669549.

Careau V, Halsey LG, Pontzer H, Ainslie PN, Andersen LF, Anderson LJ, Arab L, Baddou I, Bedu-Addo K, Blaak EE, Blanc S, Bonomi AG, Bouten CVC, Buchowski MS, Butte NF, Camps SGJA, Close GL, Cooper JA, Das SK, Cooper R, Dugas LR, Eaton SD, Ekelund U, Entringer S, Forrester T, Fudge BW, Goris AH, Gurven M, Hambly C, El Hamdouchi A, Hoos MB, Hu S, Joonas N, Joosen AM, Katzmarzyk P, Kempen KP, Kimura M, Kraus WE, Kushner RF, Lambert EV, Leonard WR, Lessan N, Martin CK, Medin AC, Meijer EP, Morehen JC, Morton JP, Neuhouser ML, Nicklas TA, Ojiambo RM, Pietiläinen KH, Pitsiladis YP, Plange-Rhule J, Plasqui G, Prentice RL, Rabinovich RA, Racette SB, Raichlen DA, Ravussin E, Reilly JJ, Reynolds RM, Roberts SB, Schuit AJ, Sjödin AM, Stice E, Urlacher SS, Valenti G, Van Etten LM, Van Mil EA, Wells JCK, Wilson G, Wood BM, Yanovski J, Yoshida T, Zhang X, Murphy-Alford AJ, Loechl CU, Luke AH, Rood J, Sagayama H, Schoeller DA, Wong WW, Yamada Y, Speakman JR; IAEA DLW database group. Energy compensation and adiposity in humans. *Curr Biol*. 2021 Oct 25;31(20):4659-4666.e2. doi: 10.1016/j.cub.2021.08.016. Epub 2021 Aug 27. PMID: 34453886; PMCID: PMC8551017.

Chandwe K, Zyambo K, Mulenga C, Haritunians T, Amadi B, Kosek M, Heimburger DC, McGovern D, Kelly P. Histo-Blood Group Antigens, Enteropathogen Carriage and Environmental Enteropathy in Stunted Zambian Children. *J Pediatr Gastroenterol Nutr*. 2021 Oct 28. doi: 10.1097/MPG.0000000000003343. Epub ahead of print. PMID: 34724448.

Chikopela T, Goma F, Kaluba L, Mutale W, Guure C, Heimburger DC, Koethe JR. Arterial stiffness is associated with oxidative stress and endothelial activation among persons with treated HIV in Zambia. *South Afr J HIV Med*. 2021 Oct 28;22(1):1298. doi: 10.4102/sajhivmed.v22i1.1298. PMID: 34858654; PMCID: PMC8603157.

Choe D, Lee ES, Beeghly-Fadiel A, Wilson AJ, Whalen MM, Adunyah SE, Son DS. High-Fat Diet-Induced Obese Effects of Adipocyte-Specific CXCR2 Conditional Knockout in the

Peritoneal Tumor Microenvironment of Ovarian Cancer. *Cancers (Basel)*. 2021 Oct 8;13(19):5033. doi: 10.3390/cancers13195033. PMID: 34638514; PMCID: PMC8508092.

Connelly AR, Jeong BM, Coden ME, Cao JY, Chirkova T, Rosas-Salazar C, Cephus JY, Anderson LJ, Newcomb DC, Hartert TV, Berdnikovs S. Metabolic Reprogramming of Nasal Airway Epithelial Cells Following Infant Respiratory Syncytial Virus Infection. *Viruses*. 2021 Oct 13;13(10):2055. doi: 10.3390/v13102055. PMID: 34696488; PMCID: PMC8538412.

Dong R, Lin H, Chen X, Shi R, Yuan S, Li J, Zhu B, Xu X, Shen W, Wang K, Shu XO, Ding D, He N. Gut Microbiota and Fecal Metabolites Associated With Neurocognitive Impairment in HIV-Infected Population. *Front Cell Infect Microbiol*. 2021 Oct 25;11:723840. doi: 10.3389/fcimb.2021.723840. PMID: 34760715; PMCID: PMC8574817.

Duong LM, Cai H, Shrubsole MJ, Bailey CE, Idrees K, Shu XO. Outcomes of robotic-assisted liver surgery versus laparoscopic liver surgery for treatment of stage I hepatocellular carcinoma. *Cancer*. 2021 Oct 21. doi: 10.1002/ncr.33979. Epub ahead of print. PMID: 34674225.
Gao R, Tang Y, Khan MS, Xu K, Paulson AB, Sullivan S, Huo Y, Deppen S, Massion PP, Sandler KL, Landman BA. Cancer Risk Estimation Combining Lung Screening CT with Clinical Data Elements. *Radiol Artif Intell*. 2021 Oct 13;3(6):e210032. doi: 10.1148/ryai.2021210032. PMID: 34870220; PMCID: PMC8637232.

Hatch LD 3rd, Clark RH, Carlo WA, Stark AR, Ely EW, Patrick SW. Changes in Use of Respiratory Support for Preterm Infants in the US, 2008-2018. *JAMA Pediatr*. 2021 Oct 1;175(10):1017-1024. doi: 10.1001/jamapediatrics.2021.1921. PMID: 34228110; PMCID: PMC8261685.

Holowatyj AN, Gigic B, Warby CA, Ose J, Lin T, Schrotz-King P, Ulrich CM, Bernard JJ. The Use of Human Serum Samples to Study Malignant Transformation: A Pilot Study. *Cells*. 2021 Oct 6;10(10):2670. doi: 10.3390/cells10102670. PMID: 34685650; PMCID: PMC8534413.

Karas S, Etheridge AS, Nickerson DA, Cox NJ, Mohlke KL, Cecchin E, Toffoli G, Mathijssen RHJ, Forrest A, Bies RR, Innocenti F. Integration of DNA sequencing with population pharmacokinetics to improve the prediction of irinotecan exposure in cancer patients. *Br J Cancer*. 2021 Oct 26. doi: 10.1038/s41416-021-01589-2. Epub ahead of print. PMID: 34703007.

Kasaie P, Stewart C, Humes E, Gerace L, Zhang J, Silverberg MJ, Horberg MA, Rebeiro PF, Hyle EP, Lima VD, Wong C, Gill MJ, Gebo K, Moore R, Kitahata MM, Althoff KN. Projecting the age-distribution of men who have sex with men receiving HIV treatment in the United States. *Ann Epidemiol*. 2021 Oct 7;65:46-55. doi: 10.1016/j.annepidem.2021.08.021. Epub ahead of print. PMID: 34627998.

Keohane LM, Mart MF, Ely EW, Lai P, Cheng A, Makam AN, Stevenson DG. Establishing Medicaid incentives for liberating nursing home patients from ventilators. *J Am Geriatr Soc*. 2021 Oct 19. doi: 10.1111/jgs.17513. Epub ahead of print. PMID: 34668195.

Leonard MA, Cindi Z, Bradford Y, Bourgi K, Koethe J, Turner M, Norwood J, Woodward B, Erdem H, Basham R, Baker P, Rebeiro PF, Sterling TR, Hulgan T, Daar ES, Gulick R, Riddler SA, Sinxadi P, Ritchie MD, Haas DW. Efavirenz Pharmacogenetics and Weight Gain Following Switch to Integrase Inhibitor-Containing Regimens. *Clin Infect Dis*. 2021 Oct 5;73(7):e2153-e2163. doi: 10.1093/cid/ciaa1219. PMID: 32829410; PMCID: PMC8492125.

Li M, Cai Q, Gao YT, Franke AA, Zhang X, Zhao Y, Wen W, Lan Q, Rothman N, Shyr Y, Shu XO, Zheng W, Yang G. Phytoestrogens and lung cancer risk: a nested case-control study in never-smoking Chinese females. *Am J Clin Nutr*. 2021 Oct 21:nqab358. doi: 10.1093/ajcn/nqab358. Epub ahead of print. PMID: 34673927.

Liu K, Nakamura K, Katsukawa H, Nydahl P, Ely EW, Kudchadkar SR, Takahashi K, Elhadi M, Gurjar M, Leong BK, Chung CR, Balachandran J, Inoue S, Lefor AK, Nishida O. Implementation of the ABCDEF Bundle for Critically Ill ICU Patients During the COVID-19 Pandemic: A Multi-National 1-Day Point Prevalence Study. *Front Med (Lausanne)*. 2021 Oct 28;8:735860. doi: 10.3389/fmed.2021.735860. PMID: 34778298; PMCID: PMC8581178.

Lu H, Cole SR, Westreich D, Hudgens MG, Adimora AA, Althoff KN, Silverberg MJ, Buchacz K, Li J, Edwards JK, Rebeiro PF, Lima VD, Marconi VC, Sterling TR, Horberg MA, Gill MJ, Kitahata MM, Eron JJ, Moore RD. Clinical Effectiveness of Integrase Strand Transfer Inhibitor-Based Antiretroviral Regimens Among Adults With Human Immunodeficiency Virus: A Collaboration of Cohort Studies in the United States and Canada. *Clin Infect Dis*. 2021 Oct 5;73(7):e1408-e1414. doi: 10.1093/cid/ciaa1037. PMID: 32780095; PMCID: PMC8492356.

Mathias JG, Nolan VG, Klesges LM, Badawy SM, Cooper WO, Hankins JS, Smeltzer MP. Hydroxyurea Use After Transitions of Care Among Young Adults With Sickle Cell Disease and Tennessee Medicaid Insurance. *JAMA Netw Open*. 2021 Oct 1;4(10):e2128971. doi: 10.1001/jamanetworkopen.2021.28971. PMID: 34643722; PMCID: PMC8515209.

Mellemkjær L, Eibye S, Albieri V, Kjær SK, Boice JD Jr. Pregnancy-associated cancer and the risk of second primary cancer. *Cancer Causes Control*. 2021 Oct 13. doi: 10.1007/s10552-021-01500-7. Epub ahead of print. PMID: 34643832.

Mikhaylova AV, McHugh CP, Polfus LM, Raffield LM, Boorgula MP, Blackwell TW, Brody JA, Broome J, Chami N, Chen MH, Conomos MP, Cox C, Curran JE, Daya M, Ekunwe L, Glahn DC, Heard-Costa N, Highland HM, Hobbs BD, Ilboudo Y, Jain D, Lange LA, Miller-Fleming TW, Min N, Moon JY, Preuss MH, Rosen J, Ryan K, Smith AV, Sun Q, Surendran P, de Vries PS, Walter K, Wang Z, Wheeler M, Yanek LR, Zhong X, Abecasis GR, Almasy L, Barnes KC, Beaty TH, Becker LC, Blangero J, Boerwinkle E, Butterworth AS, Chavan S, Cho MH, Choquet H, Correa A, Cox N, DeMeo DL, Faraday N, Fornage M, Gerszten RE, Hou L, Johnson AD, Jorgenson E, Kaplan R, Kooperberg C, Kundu K, Laurie CA, Lettre G, Lewis JP, Li B, Li Y, Lloyd-Jones DM, Loos RJJ, Manichaikul A, Meyers DA, Mitchell BD, Morrison AC, Ngo D, Nickerson DA, Nongmaithem S, North KE, O'Connell JR, Ortega VE, Pankratz N, Perry JA, Psaty BM, Rich SS, Soranzo N, Rotter JI, Silverman EK, Smith NL, Tang H, Tracy RP, Thornton TA, Vasani RS, Zein J, Mathias RA; NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium, Reiner AP, Auer PL. Whole-genome sequencing in diverse subjects

identifies genetic correlates of leukocyte traits: The NHLBI TOPMed program. *Am J Hum Genet.* 2021 Oct 7;108(10):1836-1851. doi: 10.1016/j.ajhg.2021.08.007. Epub 2021 Sep 27. PMID: 34582791; PMCID: PMC8546043.

Nguyen SM, Nguyen QT, Nguyen LM, Pham AT, Luu HN, Tran HTT, Tran TV, Shu XO. Delay in the diagnosis and treatment of breast cancer in Vietnam. *Cancer Med.* 2021 Nov;10(21):7683-7691. doi: 10.1002/cam4.4244. Epub 2021 Oct 19. PMID: 34664428; PMCID: PMC8559509.

Petrick JL, Wilkinson JE, Michaud DS, Cai Q, Gerlovin H, Signorello LB, Wolpin BM, Ruiz-Narváez EA, Long J, Yang Y, Johnson WE, Shu XO, Huttenhower C, Palmer JR. The oral microbiome in relation to pancreatic cancer risk in African Americans. *Br J Cancer.* 2021 Oct 30. doi: 10.1038/s41416-021-01578-5. Epub ahead of print. PMID: 34718358.

Rebeiro PF, Jenkins CA, Bian A, Lake JE, Bourgi K, Moore RD, Horberg MA, Matthews WC, Silverberg MJ, Thorne J, Mayor AM, Lima VD, Palella FJ, Saag MS, Althoff KN, Gill MJ, Wong C, Klein MB, Crane HM, Marconi VC, Shepherd BE, Sterling TR, Koethe JR. Risk of Incident Diabetes Mellitus, Weight Gain, and Their Relationships With Integrase Inhibitor-Based Initial Antiretroviral Therapy Among Persons With Human Immunodeficiency Virus in the United States and Canada. *Clin Infect Dis.* 2021 Oct 5;73(7):e2234-e2242. doi: 10.1093/cid/ciaa1403. PMID: 32936919; PMCID: PMC8492142.

Scannell Bryan M, Ogundiran T, Ojengbede O, Zheng W, Blot W, Domcheck S, Hennis A, Nemesure B, Ambs S, Olopade OI, Huo D. Associations between age of menarche and genetic variation in women of African descent: genome-wide association study and polygenic score analysis. *J Epidemiol Community Health.* 2021 Oct 27;jech-2020-216000. doi: 10.1136/jech-2020-216000. Epub ahead of print. PMID: 34706928.

Shi J, Yang Y, Xu W, Cai H, Wu J, Long J, Cai Q, Zheng W, Flynn CR, Shu XO, Yu D. Sex-Specific Associations between Gut Microbiome and Non-Alcoholic Fatty Liver Disease among Urban Chinese Adults. *Microorganisms.* 2021 Oct 8;9(10):2118. doi: 10.3390/microorganisms9102118. PMID: 34683439; PMCID: PMC8537656.

Shing JZ, Griffin MR, Chang RS, Beeghly-Fadiel A, Sudenga SL, Slaughter JC, Pemmaraju M, Mitchel EF, Hull PC. Human Papillomavirus Vaccine Impact on Cervical Precancers in a Low-Vaccination Population. *Am J Prev Med.* 2021 Oct 29:S0749-3797(21)00497-9. doi: 10.1016/j.amepre.2021.08.017. Epub ahead of print. PMID: 34756753.

Snyder BM, Patterson MF, Gebretsadik T, Cacho F, Ding T, Turi KN, Abreo A, Wu P, Hartert TV. Association between asthma status and prenatal antibiotic prescription fills among women in a Medicaid population. *J Asthma.* 2021 Oct 23:1-8. doi: 10.1080/02770903.2021.1993247. Epub ahead of print. PMID: 34663171.

Vysotskiy M, Zhong X, Miller-Fleming TW, Zhou D; Autism Working Group of the Psychiatric Genomics Consortium^; Bipolar Disorder Working Group of the Psychiatric Genomics Consortium^; Schizophrenia Working Group of the Psychiatric Genomics Consortium^, Cox NJ, Weiss LA. Integration of genetic, transcriptomic, and clinical data provides insight into 16p11.2

and 22q11.2 CNV genes. *Genome Med.* 2021 Oct 29;13(1):172. doi: 10.1186/s13073-021-00972-1. PMID: 34715901; PMCID: PMC8557010.

Wang C, Gu K, Wang F, Cai H, Zheng W, Bao P, Shu XO. Nut consumption in association with overall mortality and recurrence/disease-specific mortality among long-term breast cancer survivors. *Int J Cancer.* 2021 Oct 19. doi: 10.1002/ijc.33824. Epub ahead of print. PMID: 34668194.

Wu F, Yang L, Hao Y, Zhou B, Hu J, Yang Y, Bedi S, Sanichar NG, Cheng C, Perez-Perez G, Tseng W, Tseng W, Tseng M, Francois F, Khan AR, Li Y, Blaser MJ, Shu XO, Long J, Li H, Pei Z, Chen Y. Oral and gastric microbiome in relation to gastric intestinal metaplasia. *Int J Cancer.* 2021 Oct 18. doi: 10.1002/ijc.33848. Epub ahead of print. PMID: 34664721.

Yang Y, Long J, Wang C, Blot WJ, Pei Z, Shu X, Wu F, Rothman N, Wu J, Lan Q, Cai Q, Zheng W, Chen Y, Shu XO. Prospective study of oral microbiome and gastric cancer risk among Asian, African American and European American populations. *Int J Cancer.* 2021 Oct 18. doi: 10.1002/ijc.33847. Epub ahead of print. PMID: 34664266.

Zhao G, Williams J, Washington MK, Yang Y, Long J, Townsend SD, Yan F. 2'-Fucosyllactose Ameliorates Chemotherapy-Induced Intestinal Mucositis by Protecting Intestinal Epithelial Cells Against Apoptosis. *Cell Mol Gastroenterol Hepatol.* 2021 Oct 2:S2352-345X(21)00205-8. doi: 10.1016/j.jcmgh.2021.09.015. Epub ahead of print. PMID: 34607083.

November

Andrews PS, Thompson J, Raman R, Rick C, Kiehl A, Pandharipande P, Jackson JC, Taylor WD, Ely EW, Wilson JE. Delirium, depression, and long-term cognition. *Int Psychogeriatr.* 2021 Nov 12:1-6. doi: 10.1017/S1041610221002556. Epub ahead of print. PMID: 34763741.

Boice JD Jr, Cohen SS, Mumma MT, Howard SC, Yoder RC, Dauer LT. Mortality among Medical Radiation Workers in the United States, 1965-2016. *Int J Radiat Biol.* 2021 Nov 3:1-63. doi: 10.1080/09553002.2021.1967508. Epub ahead of print. PMID: 34731066.

Cao C, Kossinna P, Kwok D, Li Q, He J, Su L, Guo X, Zhang Q, Long Q. Disentangling genetic feature selection and aggregation in transcriptome-wide association studies. *Genetics.* 2021 Nov 27:iyab216. doi: 10.1093/genetics/iyab216. Epub ahead of print. PMID: 34849857.

Connell J, Kim A, Brummel NE, Patel MB, Vandekar SN, Pandharipande P, Dittus RS, Heckers S, Ely EW, Wilson JE. Advanced Age Is Associated With Catatonia in Critical Illness: Results From the Delirium and Catatonia Prospective Cohort Investigation. *Front Psychiatry.* 2021 Nov 19;12:673166. doi: 10.3389/fpsy.2021.673166. PMID: 34867501; PMCID: PMC8639534.

Cunningham-Erves J, Mayer CS, Han X, Fike L, Yu C, Tousey PM, Schlundt DG, Gupta DK, Mumma MT, Walkley D, Steinwandel MD, Edwards KM, Lipworth L, Sanderson M, Shu XO, Shrubsole MJ. Factors influencing intent to receive COVID-19 vaccination among Black and

White adults in the southeastern United States, October - December 2020. *Hum Vaccin Immunother.* 2021 Nov 30:1-38. doi: 10.1080/21645515.2021.1984134. Epub ahead of print. PMID: 34847822.

Grijalva CG, Rolfes M, Zhu Y, Chappell J, Halasa N, Kim A, Reed C, Fry A, Talbot HK. Performance of Self-Collected Anterior Nasal Swabs and Saliva Specimens for Detection of SARS-CoV-2 During Symptomatic and Asymptomatic Periods. *Open Forum Infect Dis.* 2021 Sep 25;8(11):ofab484. doi: 10.1093/ofid/ofab484. PMID: 34796245; PMCID: PMC8522395.

Henry AA, Ingles DJ, Du L, Vermund SH, Heimbürger DC, Aliyu MH. Expanding Global Health Engagement through Fogarty Fellowship Programs. *Am J Trop Med Hyg.* 2021 Nov 22:tpmd210311. doi: 10.4269/ajtmh.21-0311. Epub ahead of print. PMID: 34814108.

Jaramillo-Morales J, Korucu B, Pike MM, Lipworth L, Stewart TG, Headley SA, Germain M, Begue G, Roshanravan B, Tuttle KR, Himmelfarb J, Robinson-Cohen C, Ikizler TA, Gamboa JL. Effects of caloric restriction and aerobic exercise on circulating cell-free mitochondrial DNA in patients with moderate-to-severe chronic kidney disease. *Am J Physiol Renal Physiol.* 2021 Nov 29. doi: 10.1152/ajprenal.00270.2021. Epub ahead of print. PMID: 34843657.

Johnson CC, Havstad SL, Ownby DR, Joseph CLM, Sitarik AR, Biagini Myers J, Gebretsadik T, Hartert TV, Khurana Hershey GK, Jackson DJ, Lemanske RF Jr, Martin LJ, Zoratti EM, Visness CM, Ryan PH, Gold DR, Martinez FD, Miller RL, Seroogy CM, Wright AL, Gern JE; Children's Respiratory and Environmental Workgroup in the ECHO Consortium. Pediatric asthma incidence rates in the United States from 1980 to 2017. *J Allergy Clin Immunol.* 2021 Nov;148(5):1270-1280. doi: 10.1016/j.jaci.2021.04.027. Epub 2021 May 6. PMID: 33964299; PMCID: PMC8631308.

Kaczmarek JV, Bogan CM, Pierce JM, Tao YK, Chen SC, Liu Q, Liu X, Boyd KL, Calcutt MW, Bridges TM, Lindsley CW, Friedman DL, Richmond A, Daniels AB. Intravitreal HDAC Inhibitor Belinostat Effectively Eradicates Vitreous Seeds Without Retinal Toxicity In Vivo in a Rabbit Retinoblastoma Model. *Invest Ophthalmol Vis Sci.* 2021 Nov 1;62(14):8. doi: 10.1167/iovs.62.14.8. PMID: 34757417; PMCID: PMC8590161.

Marconi VC, Krishnan V, Ely EW, Montano M. Immune health grades: Finding resilience in the COVID-19 pandemic and beyond. *J Allergy Clin Immunol.* 2021 Nov 2:S0091-6749(21)01683-3. doi: 10.1016/j.jaci.2021.10.025. Epub ahead of print. PMID: 34740606; PMCID: PMC8560746.

Misak C, Herridge M, Ely EW, Clay A, Mikkelsen ME. Patient and Family Engagement in Critical Illness: Erratum. *Crit Care Med.* 2021 Nov 1;49(11):e1195. doi: 10.1097/CCM.0000000000005331. Erratum for: Crit Care Med. 2021 Sep 1;49(9):1389-1401. PMID: 34643595.

Mousa A, Winskill P, Watson OJ, Ratmann O, Monod M, Ajelli M, Diallo A, Dodd PJ, Grijalva CG, Kiti MC, Krishnan A, Kumar R, Kumar S, Kwok KO, Lanata CF, le Polain de Waroux O, Leung K, Mahikul W, Melegaro A, Morrow CD, Mossong J, Neal EF, Nokes DJ, Pan-Ngum W,

Potter GE, Russell FM, Saha S, Sugimoto JD, Wei WI, Wood RR, Wu J, Zhang J, Walker P, Whittaker C. Social contact patterns and implications for infectious disease transmission: a systematic review and meta-analysis of contact surveys. *Elife*. 2021 Nov 25;10:e70294. doi: 10.7554/eLife.70294. Epub ahead of print. PMID: 34821551.

Nounu A, Richmond RC, Stewart ID, Surendran P, Wareham NJ, Butterworth A, Weinstein SJ, Albanes D, Baron JA, Hopper JL, Figueiredo JC, Newcomb PA, Lindor NM, Casey G, Platz EA, Marchand LL, Ulrich CM, Li CI, van Duijnhoven FJB, Gsur A, Campbell PT, Moreno V, Vodicka P, Vodickova L, Amitay E, Alwers E, Chang-Claude J, Sakoda LC, Slattery ML, Schoen RE, Gunter MJ, Castellví-Bel S, Kim HR, Kweon SS, Chan AT, Li L, Zheng W, Bishop DT, Buchanan DD, Giles GG, Gruber SB, Rennert G, Stadler ZK, Harrison TA, Lin Y, Keku TO, Woods MO, Schafmayer C, Van Guelpen B, Gallinger S, Hampel H, Berndt SI, Pharoah PDP, Lindblom A, Wolk A, Wu AH, White E, Peters U, Drew DA, Scherer D, Bermejo JL, Brenner H, Hoffmeister M, Williams AC, Relton CL. Salicylic Acid and Risk of Colorectal Cancer: A Two-Sample Mendelian Randomization Study. *Nutrients*. 2021 Nov 21;13(11):4164. doi: 10.3390/nu13114164. PMID: 34836419; PMCID: PMC8620763.

Pal T, Hull PC, Koyama T, Lammers P, Martinez D, McArthy J, Schremp E, Tezak A, Washburn A, Whisenant JG, Friedman DL. Enhancing Cancer care of rural dwellers through telehealth and engagement (ENCORE): protocol to evaluate effectiveness of a multi-level telehealth-based intervention to improve rural cancer care delivery. *BMC Cancer*. 2021 Nov 23;21(1):1262. doi: 10.1186/s12885-021-08949-4. PMID: 34814868; PMCID: PMC8609269.

Pewowaruk RJ, Tedla Y, Korcarz CE, Tattersall MC, Stein JH, Chesler NC, Gepner AD. Carotid Artery Stiffening With Aging: Structural Versus Load-Dependent Mechanisms in MESA (the Multi-Ethnic Study of Atherosclerosis). *Hypertension*. 2022 Jan;79(1):150-158. doi: 10.1161/HYPERTENSIONAHA.121.18444. Epub 2021 Nov 15. PMID: 34775788; PMCID: PMC8665067.

Ridinger HA, Bonnet K, Schlundt DG, Tekian A, Riddle J, Lomis KD. Defining Successful Practice Within Health Systems Science Among Entering Residents: A Single-Institution Qualitative Study of Graduate Medical Education Faculty Observations. *Acad Med*. 2021 Nov 1;96(11S):S126-S135. doi: 10.1097/ACM.0000000000004357. PMID: 34380937.

Shinall MC Jr, Bonnet K, Schlundt D, Verma M. Integrating Specialist Palliative Care in the Liver Transplantation Evaluation Process: A Qualitative Analysis of Hepatologist and Palliative Care Provider Views. *Liver Transpl*. 2021 Nov 7. doi: 10.1002/lt.26364. Epub ahead of print. PMID: 34743396.

Tenforde MW, Self WH, Adams K, Gaglani M, Ginde AA, McNeal T, Ghamande S, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Exline MC, Gong MN, Mohamed A, Henning DJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Monto AS, Khan A, Hough CL, Busse LW, Ten Lohuis CC, Duggal A, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Halasa N, Chappell JD, Luring AS, Grijalva CG, Rice TW, Jones ID, Stubblefield WB, Baughman A, Womack KN, Rhoads JP, Lindsell CJ, Hart KW, Zhu Y, Olson

SM, Kobayashi M, Verani JR, Patel MM; Influenza and Other Viruses in the Acutely Ill (IVY) Network. Association Between mRNA Vaccination and COVID-19 Hospitalization and Disease Severity. *JAMA*. 2021 Nov 23;326(20):2043-2054. doi: 10.1001/jama.2021.19499. PMID: 34734975; PMCID: PMC8569602.

Wang BY, Lu T, Cai Q, Ho MH, Sheng S, Meng HW, Arsto L, Hong J, Xie H. Potential Microbiological Risk Factors Associated With Periodontitis and Periodontal Health Disparities. *Front Cell Infect Microbiol*. 2021 Nov 17;11:789919. doi: 10.3389/fcimb.2021.789919. PMID: 34869082; PMCID: PMC8637773.

December

Chen B, Scurrah CR, McKinley ET, Simmons AJ, Ramirez-Solano MA, Zhu X, Markham NO, Heiser CN, Vega PN, Rolong A, Kim H, Sheng Q, Drewes JL, Zhou Y, Southard-Smith AN, Xu Y, Ro J, Jones AL, Revetta F, Berry LD, Niitsu H, Islam M, Pelka K, Hofree M, Chen JH, Sarkizova S, Ng K, Giannakis M, Boland GM, Aguirre AJ, Anderson AC, Rozenblatt-Rosen O, Regev A, Hacohen N, Kawasaki K, Sato T, Goettel JA, Grady WM, Zheng W, Washington MK, Cai Q, Sears CL, Goldenring JR, Franklin JL, Su T, Huh WJ, Vandekar S, Roland JT, Liu Q, Coffey RJ, Shrubsole MJ, Lau KS. Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. *Cell*. 2021 Dec 22;184(26):6262-6280.e26. doi: 10.1016/j.cell.2021.11.031. Epub 2021 Dec 14. PMID: 34910928.

Choi J, Jia G, Wen W, Tao R, Long J, Shu XO, Zheng W. Associations of genetic susceptibility to 16 cancers with risk of breast cancer overall and by intrinsic subtypes. *HGG Adv*. 2021 Dec 10;3(1):100077. doi: 10.1016/j.xhgg.2021.100077. PMID: 35047862; PMCID: PMC8756518.

Duncan MS, Greevy RA, Tindle HA, Vasani RS, Lipworth L, Aldrich MC, Lloyd-Jones DM, Freiberg MS. Inclusion of Smoking Data in Cardiovascular Disease Risk Estimation. *JAMA Cardiol*. 2021 Dec 8:e214990. doi: 10.1001/jamacardio.2021.4990. Epub ahead of print. PMID: 34878493; PMCID: PMC8655664.

Elkrief A, Wu JT, Jani C, Enriquez KT, Glover M, Shah MR, Shaikh HG, Beeghly-Fadiel A, French B, Jhawar SR, Johnson DB, McKay RR, Rivera DR, Reuben DY, Shah S, Tinianov SL, Vinh DC, Mishra S, Warner JL. Learning through a Pandemic: The Current State of Knowledge on COVID-19 and Cancer. *Cancer Discov*. 2021 Dec 10. doi: 10.1158/2159-8290.CD-21-1368. Epub ahead of print. PMID: 34893494.

Galtieri LR, Fladeboe KM, King K, Friedman D, Compas B, Breiger D, Lengua L, Keim M, Boparai S, Katz LF. Caregiver perceived financial strain during pediatric cancer treatment: Longitudinal predictors and outcomes. *Health Psychol*. 2021 Dec 2. doi: 10.1037/hea0001122. Epub ahead of print. PMID: 34855417.

Graham SE, Clarke SL, Wu KH, Kanoni S, Zajac GJM, Ramdas S, Surakka I, Ntalla I, Vedantam S, Winkler TW, Locke AE, Marouli E, Hwang MY, Han S, Narita A, Choudhury A, Bentley AR, Ekoru K, Verma A, Trivedi B, Martin HC, Hunt KA, Hui Q, Klarin D, Zhu X, Thorleifsson G, Helgadóttir A, Gudbjartsson DF, Holm H, Olafsson I, Akiyama M, Sakaue S,

Terao C, Kanai M, Zhou W, Brumpton BM, Rasheed H, Ruotsalainen SE, Havulinna AS, Veturi Y, Feng Q, Rosenthal EA, Lingren T, Pacheco JA, Pendergrass SA, Haessler J, Giulianini F, Bradford Y, Miller JE, Campbell A, Lin K, Millwood IY, Hindy G, Rasheed A, Faul JD, Zhao W, Weir DR, Turman C, Huang H, Graff M, Mahajan A, Brown MR, Zhang W, Yu K, Schmidt EM, Pandit A, Gustafsson S, Yin X, Luan J, Zhao JH, Matsuda F, Jang HM, Yoon K, Medina-Gomez C, Pitsillides A, Hottenga JJ, Willemsen G, Wood AR, Ji Y, Gao Z, Haworth S, Mitchell RE, Chai JF, Aadahl M, Yao J, Manichaikul A, Warren HR, Ramirez J, Bork-Jensen J, Kårhus LL, Goel A, Sabater-Lleal M, Noordam R, Sidore C, Fiorillo E, McDaid AF, Marques-Vidal P, Wielscher M, Trompet S, Sattar N, Møllehave LT, Thuesen BH, Munz M, Zeng L, Huang J, Yang B, Poveda A, Kurbasic A, Lamina C, Forer L, Scholz M, Galesloot TE, Bradfield JP, Daw EW, Zmuda JM, Mitchell JS, Fuchsberger C, Christensen H, Brody JA, Feitosa MF, Wojczynski MK, Preuss M, Mangino M, Christofidou P, Verweij N, Benjamins JW, Engmann J, Kember RL, Slieker RC, Lo KS, Zilhao NR, Le P, Kleber ME, Delgado GE, Huo S, Ikeda DD, Iha H, Yang J, Liu J, Leonard HL, Marten J, Schmidt B, Arendt M, Smyth LJ, Cañadas-Garre M, Wang C, Nakatochi M, Wong A, Hutri-Kähönen N, Sim X, Xia R, Huerta-Chagoya A, Fernandez-Lopez JC, Lyssenko V, Ahmed M, Jackson AU, Irvin MR, Oldmeadow C, Kim HN, Ryu S, Timmers PRHJ, Arbeeve L, Dorajoo R, Lange LA, Chai X, Prasad G, Lorés-Motta L, Pauper M, Long J, Li X, Theusch E, Takeuchi F, Spracklen CN, Loukola A, Bollepalli S, Warner SC, Wang YX, Wei WB, Nutile T, Ruggiero D, Sung YJ, Hung YJ, Chen S, Liu F, Yang J, Kentistou KA, Gorski M, Brumat M, Meidtner K, Bielak LF, Smith JA, Hebbar P, Farmaki AE, Hofer E, Lin M, Xue C, Zhang J, Concas MP, Vaccargiu S, van der Most PJ, Pitkänen N, Cade BE, Lee J, van der Laan SW, Chitrala KN, Weiss S, Zimmermann ME, Lee JY, Choi HS, Nethander M, Freitag-Wolf S, Southam L, Rayner NW, Wang CA, Lin SY, Wang JS, Couture C, Lyytikäinen LP, Nikus K, Cuellar-Partida G, Vestergaard H, Hildalgo B, Giannakopoulou O, Cai Q, Obura MO, van Setten J, Li X, Schwander K, Terzikhan N, Shin JH, Jackson RD, Reiner AP, Martin LW, Chen Z, Li L, Highland HM, Young KL, Kawaguchi T, Thiery J, Bis JC, Nadkarni GN, Launer LJ, Li H, Nalls MA, Raitakari OT, Ichihara S, Wild SH, Nelson CP, Campbell H, Jäger S, Nabika T, Al-Mulla F, Niinikoski H, Braund PS, Kolcic I, Kovacs P, Giardoglou T, Katsuya T, Bhatti KF, de Kleijn D, de Borst GJ, Kim EK, Adams HHH, Ikram MA, Zhu X, Asselbergs FW, Kraaijeveld AO, Beulens JWJ, Shu XO, Rallidis LS, Pedersen O, Hansen T, Mitchell P, Hewitt AW, Kähönen M, Pérusse L, Bouchard C, Tönjes A, Chen YI, Pennell CE, Mori TA, Lieb W, Franke A, Ohlsson C, Mellström D, Cho YS, Lee H, Yuan JM, Koh WP, Rhee SY, Woo JT, Heid IM, Stark KJ, Völzke H, Homuth G, Evans MK, Zonderman AB, Polasek O, Pasterkamp G, Hofer IE, Redline S, Pahkala K, Oldehinkel AJ, Snieder H, Biino G, Schmidt R, Schmidt H, Chen YE, Bandinelli S, Dedoussis G, Thanaraj TA, Kardia SLR, Kato N, Schulze MB, Girotto G, Jung B, Böger CA, Joshi PK, Bennett DA, De Jager PL, Lu X, Mamakou V, Brown M, Caulfield MJ, Munroe PB, Guo X, Ciullo M, Jonas JB, Samani NJ, Kaprio J, Pajukanta P, Adair LS, Bechayda SA, de Silva HJ, Wickremasinghe AR, Krauss RM, Wu JY, Zheng W, den Hollander AI, Bharadwaj D, Correa A, Wilson JG, Lind L, Heng CK, Nelson AE, Golightly YM, Wilson JF, Penninx B, Kim HL, Attia J, Scott RJ, Rao DC, Arnett DK, Walker M, Koistinen HA, Chandak GR, Yajnik CS, Mercader JM, Tusié-Luna T, Aguilar-Salinas CA, Villalpando CG, Orozco L, Fornage M, Tai ES, van Dam RM, Lehtimäki T, Chaturvedi N, Yokota M, Liu J, Reilly DF, McKnight AJ, Kee F, Jöckel KH, McCarthy MI, Palmer CNA, Vitart V, Hayward C, Simonsick E, van Duijn CM, Lu F, Qu J, Hishigaki H, Lin X, März W, Parra EJ, Cruz M, Gudnason V, Tardif JC, Lettre G, 't Hart LM, Elders PJM, Damrauer SM, Kumari M, Kivimaki M, van der Harst P, Spector TD, Loos RJJ, Province MA, Psaty BM, Brandslund I, Pramstaller

PP, Christensen K, Ripatti S, Widén E, Hakonarson H, Grant SFA, Kiemeny LALM, de Graaf J, Loeffler M, Kronenberg F, Gu D, Erdmann J, Schunkert H, Franks PW, Linneberg A, Jukema JW, Khera AV, Männikkö M, Jarvelin MR, Kutalik Z, Cucca F, Mook-Kanamori DO, van Dijk KW, Watkins H, Strachan DP, Grarup N, Sever P, Poulter N, Rotter JI, Dantoft TM, Karpe F, Neville MJ, Timpson NJ, Cheng CY, Wong TY, Khor CC, Sabanayagam C, Peters A, Gieger C, Hattersley AT, Pedersen NL, Magnusson PKE, Boomsma DI, de Geus EJC, Cupples LA, van Meurs JBJ, Ghanbari M, Gordon-Larsen P, Huang W, Kim YJ, Tabara Y, Wareham NJ, Langenberg C, Zeggini E, Kuusisto J, Laakso M, Ingelsson E, Abecasis G, Chambers JC, Kooner JS, de Vries PS, Morrison AC, North KE, Daviglus M, Kraft P, Martin NG, Whitfield JB, Abbas S, Saleheen D, Walters RG, Holmes MV, Black C, Smith BH, Justice AE, Baras A, Buring JE, Ridker PM, Chasman DI, Kooperberg C, Wei WQ, Jarvik GP, Namjou B, Hayes MG, Ritchie MD, Jousilahti P, Salomaa V, Hveem K, Åsvold BO, Kubo M, Kamatani Y, Okada Y, Murakami Y, Thorsteinsdottir U, Stefansson K, Ho YL, Lynch JA, Rader DJ, Tsao PS, Chang KM, Cho K, O'Donnell CJ, Gaziano JM, Wilson P, Rotimi CN, Hazelhurst S, Ramsay M, Trembath RC, van Heel DA, Tamiya G, Yamamoto M, Kim BJ, Mohlke KL, Frayling TM, Hirschhorn JN, Kathiresan S; VA Million Veteran Program; Global Lipids Genetics Consortium*, Boehnke M, Natarajan P, Peloso GM, Brown CD, Morris AP, Assimes TL, Deloukas P, Sun YV, Willer CJ. The power of genetic diversity in genome-wide association studies of lipids. *Nature*. 2021 Dec;600(7890):675-679. doi: 10.1038/s41586-021-04064-3. Epub 2021 Dec 9. PMID: 34887591; PMCID: PMC8730582.

Ho WK, Tai MC, Dennis J, Shu X, Li J, Ho PJ, Millwood IY, Lin K, Jee YH, Lee SH, Mavaddat N, Bolla MK, Wang Q, Michailidou K, Long J, Wijaya EA, Hassan T, Rahmat K, Tan VKM, Tan BKT, Tan SM, Tan EY, Lim SH, Gao YT, Zheng Y, Kang D, Choi JY, Han W, Lee HB, Kubo M, Okada Y, Namba S; BioBank Japan Project, Park SK, Kim SW, Shen CY, Wu PE, Park B, Muir KR, Lophatananon A, Wu AH, Tseng CC, Matsuo K, Ito H, Kwong A, Chan TL, John EM, Kurian AW, Iwasaki M, Yamaji T, Kweon SS, Aronson KJ, Murphy RA, Koh WP, Khor CC, Yuan JM, Dorajoo R, Walters RG, Chen Z, Li L, Lv J, Jung KJ, Kraft P, Pharoah PDB, Dunning AM, Simard J, Shu XO, Yip CH, Taib NAM, Antoniou AC, Zheng W, Hartman M, Easton DF, Teo SH. Polygenic risk scores for prediction of breast cancer risk in Asian populations. *Genet Med*. 2021 Dec 14:S1098-3600(21)05386-7. doi: 10.1016/j.gim.2021.11.008. Epub ahead of print. PMID: 34906514.

Howard LM, Edwards KM, Zhu Y, Williams DJ, Self WH, Jain S, Ampofo K, Pavia AT, Arnold SR, McCullers JA, Anderson EJ, Wunderink RG, Grijalva CG. Parainfluenza Virus Types 1-3 Infections Among Children and Adults Hospitalized With Community-acquired Pneumonia. *Clin Infect Dis*. 2021 Dec 6;73(11):e4433-e4443. doi: 10.1093/cid/ciaa973. PMID: 32681645; PMCID: PMC8662767.

Huang S, Shu X, Ping J, Wu J, Wang J, Shidal C, Guo X, Bauer JA, Long J, Shu XO, Zheng W, Cai Q. TBX1 functions as a putative oncogene of breast cancer through promoting cell cycle progression. *Carcinogenesis*. 2021 Dec 17:bgab111. doi: 10.1093/carcin/bgab111. Epub ahead of print. PMID: 34919666.

James NT, Breyear JH, Caprioli R, Edwards T, Hachey B, Kannankeril PJ, Keaton JM, Marshall MD, Van Driest SL, Choi L. Population Pharmacokinetic Analysis of

Dexmedetomidine in Children using Real World Data from Electronic Health Records and Remnant Specimens. *Br J Clin Pharmacol*. 2021 Dec 26. doi: 10.1111/bcp.15194. Epub ahead of print. PMID: 34957589.

Lanata CF, Gil AI, Ecker L, Cornejo R, Rios S, Ochoa M, Peña B, Flores O, Howard LM, Grijalva CG. SARS-CoV-2 infections in households in a peri-urban community of Lima, Peru: A prospective cohort study. *Influenza Other Respir Viruses*. 2021 Dec 27. doi: 10.1111/irv.12952. Epub ahead of print. PMID: 34962079.

Lewis NM, Naioti EA, Self WH, Ginde AA, Douin DJ, Talbot HK, Casey JD, Mohr NM, Zepeski A, Gaglani M, Ghamande SA, McNeal TA, Shapiro NI, Gibbs KW, Files DC, Hager DN, Shehu A, Prekker ME, Erickson HL, Gong MN, Mohamed A, Henning DJ, Steingrub JS, Peltan ID, Brown SM, Martin ET, Hubel K, Hough CL, Busse LW, Ten Lohuis CC, Duggal A, Wilson JG, Gordon AJ, Qadir N, Chang SY, Mallow C, Rivas C, Babcock HM, Kwon JH, Exline MC, Halasa N, Chappell JD, Lauring AS, Grijalva CG, Rice TW, Rhoads JP, Stubblefield WB, Baughman A, Womack KN, Lindsell CJ, Hart KW, Zhu Y, Schrag SJ, Kobayashi M, Verani JR, Patel MM, Tenforde MW. Effectiveness of mRNA vaccines in preventing COVID-19 hospitalization by age and burden of chronic medical conditions among immunocompetent US adults, March-August 2021. *J Infect Dis*. 2021 Dec 21:jiab619. doi: 10.1093/infdis/jiab619. Epub ahead of print. PMID: 34932114.

Martinez W, Pichert JW, Hickson GB, Braddy CH, Brown AJ, Catron TF, Moore IN, Stampfle MR, Webb LE, Cooper WO. Qualitative Content Analysis of Coworkers' Safety Reports of Unprofessional Behavior by Physicians and Advanced Practice Professionals. *J Patient Saf*. 2021 Dec 1;17(8):e883-e889. doi: 10.1097/PTS.0000000000000481. PMID: 29547475.

Murff HJ, Greevy RA, Sanghani RS, Hartmann KE, Hartert TV, Graves CR, Lee SS, Tindle HA. Investigating N-3 Fatty Acids to prevent Neonatal Tobacco-related outcomes (INFANTS): study protocol for a double-blind, randomized, placebo-controlled parallel clinical trial of n-3 polyunsaturated fatty acids in pregnant smokers. *Trials*. 2021 Dec 14;22(1):922. doi: 10.1186/s13063-021-05865-7. PMID: 34906201; PMCID: PMC8669400.

Olson NC, Raffield LM, Moxley AH, Miller-Fleming TW, Auer PL, Franceschini N, Ngo D, Thornton TA, Lange EM, Li Y, Nickerson DA, Zakai NA, Gerszten RE, Cox NJ, Correa A, Mohlke KL, Reiner AP. Soluble Urokinase Plasminogen Activator Receptor: Genetic Variation and Cardiovascular Disease Risk in Black Adults. *Circ Genom Precis Med*. 2021 Dec;14(6):e003421. doi: 10.1161/CIRCGEN.121.003421. Epub 2021 Oct 28. PMID: 34706549; PMCID: PMC8692389.

Ray WA, Chung CP, Stein CM, Smalley W, Zimmerman E, Dupont WD, Hung AM, Daugherty JR, Dickson A, Murray KT. Association of Rivaroxaban vs Apixaban With Major Ischemic or Hemorrhagic Events in Patients With Atrial Fibrillation. *JAMA*. 2021 Dec 21;326(23):2395-2404. doi: 10.1001/jama.2021.21222. PMID: 34932078; PMCID: PMC8693217.

Williams ML, Kannankeril PJ, Breeyear JH, Edwards TL, Van Driest SL, Choi L. Effect of CYP3A5 and CYP3A4 Genetic Variants on Fentanyl Pharmacokinetics in a Pediatric Population.

Clin Pharmacol Ther. 2021 Dec 7. doi: 10.1002/cpt.2506. Epub ahead of print. PMID: 34877660.

Sun Y, Zhou D, Rahman MR, Zhu J, Ghoneim D, Cox NJ, Beach TG, Wu C, Gamazon ER, Wu L. A transcriptome-wide association study identifies novel blood-based gene biomarker candidates for Alzheimer's disease risk. *Hum Mol Genet.* 2021 Dec 27;31(2):289-299. doi: 10.1093/hmg/ddab229. PMID: 34387340.