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PERSONAL

Business address

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University of North Carolina at Chapel Hill
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EDUCATION

2005-2007 **Postdoctoral Fellow in Epidemiology**
Department of Epidemiology
School of Public Health
University of North Carolina, Chapel Hill, NC

2002 – 2004 **Master in Public Health, Epidemiology**
University of North Carolina,
School of Public Health, Chapel Hill, NC
Adviser: David Savitz, PhD

1998-2000 **Nephrology Clinical/Research Fellowship**
Duke University Medical Center, Durham, NC
Adviser: Roslyn Mannon, MD

1995-1998 **Internal Medicine Residency**
University of Utah Medical Center, Salt Lake City, UT

1993- 1995 **Research Fellowship**
Division of Nephrology, OHSU, Portland, OR
Adviser: William Bennett, MD

1989-1990 **Chief Resident**
Internal Medicine/Nephrology, UFRGS, Brazil

1987- 1990 **Internal Medicine/Nephrology Residency**
Hospital das Clinicas de Porto Alegre,
Porto Alegre, RS, Brazil

1986 **Medical Doctor Degree**
Universidade Federal do Rio Grande do Sul,

School of Medicine, Porto Alegre, RS, Brazil.

BOARD CERTIFICATION

Board Certified in NEPHROLOGY - Brazil - 1990
US Board Certified in INTERNAL MEDICINE - 1998 and 2008
US Board Certified in NEPHROLOGY - 2000 and 2010

PROFESSIONAL EXPERIENCE

Research Associate Professor

2015 - Present	Department of Epidemiology, Cardiovascular Disease section Gillings School of Global Public Health University of North Carolina, Chapel Hill, NC

Research Assistant Professor

2007-2015	Department of Epidemiology, Cardiovascular Disease section Gillings School of Global Public Health University of North Carolina, Chapel Hill, NC

Instructor of Medicine

2001-2005	Division of Nephrology & Hypertension Department of Internal Medicine, School of Medicine University of North Carolina, Chapel Hill, NC

Nephrology Staff

1990-1993	Hospital Maia Filho, Porto Alegre, RS, Brazil

Intensive Care Physician

1991-1993	Hospital São José, Santa Casa de Misericórdia de Porto Alegre, Porto Alegre, RS Brazil

HONORS/AWARDS

2016	Office of the Executive Vice Chancellor and Provost 2016-2017 Senior Faculty Research and Scholarly Leave, UNC Gillings School of Global Public Health

2015	Recipient, University of North Carolina Global Partnership Award
2006-2007	Recipient, University of North Carolina Postdoctoral Award for Research Excellence
2005-2007	Recipient, GSK Center for Excellence in Pharmacoepidemiology Award
2004 (summer)	Mentee, Holderness Foundation Medical Student Mentorship Program for Clinical Research
2002-2003	Recipient, National Kidney Foundation Young Investigator Award
1993-1995	Recipient, International Society of Nephrology Award

BIBLIOGRAPHY

Refereed Published Papers and Articles

* shared first author; † work lead by a student under my supervision

Kramer HJ, Stilp AM, Laurie CC, Reiner AP, Lash J, Daviglus M, Rosas SE, Ricardo AC, Tayo BO, Flessner MF, Kerr KF, Peralta C, Durazo-Arvizu R, Conomos M, Thornton T, Rotter JI, Taylor KD, Cai J, Eckfeldt J, Chen H, Papanicolau G, **Franceschini N**. African ancestry-specific alleles confer chronic kidney disease risk in hispanics: the Hispanic Community Health Study/ Study of Latinos. *J Am Soc Nephrol*, *in press*.

Franceschini N, Fry RC, Balakrishnan P, Navas-Acien A, Oliver-Williams C, Howard AG, Cole SA, Haack K, Lange EM, Howard BV, Best LG, Francesconi KA, Goessler W, Umans JG, Tellez-Plaza M. Cadmium body burden and increased blood pressure in middle-aged American Indians: the Strong Heart Study. *J Hum Hypertens*. 2016 Sep 15. doi: 10.1038/jhh.2016.67.

Ehret GB, Ferreira T, Chasman DI, Jackson AU, Schmidt EM, Johnson T, Thorleifsson G, Luan J, Donnelly LA, Kanoni S, Petersen AK, Pihur V, Strawbridge RJ, Shungin D, Hughes MF, Meirelles O, Kaakinen M, Bouatia-Naji N, Kristiansson K, Shah S, Kleber ME, Guo X, Lyytikäinen LP, Fava C, Eriksson N, Nolte IM, Magnusson PK, Salfati EL, Rallidis LS, Theusch E, Smith AJ, Folkersen L, Witkowska K, Pers TH, Joehanes R, Kim SK, Lataniotis L, Jansen R, Johnson AD, Warren H, Kim YJ, Zhao W, Wu Y, Tayo BO, Bochud M; CHARGE-EchoGen Consortium; CHARGE-HF Consortium; Wellcome Trust Case Control Consortium, Absher D, Adair LS, Amin N, Arking DE, Axelsson T, Baldassarre D, Balkau B, Bandinelli S, Barnes MR, Barroso I, Bevan S, Bis JC, Bjornsdottir G, Boehnke M, Boerwinkle E, Bonnycastle LL, Boomsma DI, Bornstein SR, Brown MJ, Burnier M,

Cabrera CP, Chambers JC, Chang IS, Cheng CY, Chines PS, Chung RH, Collins FS, Connell JM, Döring A, Dallongeville J, Danesh J, de Faire U, Delgado G, Dominiczak AF, Doney AS, Drenos F, Edkins S, Eicher JD, Elosua R, Enroth S, Erdmann J, Eriksson P, Esko T, Evangelou E, Evans A, Fall T, Farrall M, Felix JF, Ferrières J, Ferrucci L, Fornage M, Forrester T, **Franceschini N**, Franco OH, Franco-Cereceda A, Fraser RM, Ganesh SK, Gao H, Gertow K, Gianfagna F, Gigante B, Giulianini F, Goel A, Goodall AH, Goodarzi MO, Gorski M, Gräßler J, Groves CJ, Gudnason V, Gyllensten U, Hallmans G, Hartikainen AL, Hassinen M, Havulinna AS, Hayward C, Hercberg S, Herzig KH, Hicks AA, Hingorani AD, Hirschhorn JN, Hofman A, Holmen J, Holmen OL, Hottenga JJ, Howard P, Hsiung CA, Hunt SC, Ikram MA, Illig T, Iribarren C, Jensen RA, Kähönen M, Kang HM, Kathiresan S, Keating BJ, Khaw KT, Kim YK, Kim E, Kivimaki M, Klopp N, Kolovou G, Komulainen P, Kooner JS, Kosova G, Krauss RM, Kuh D, Kutalik Z, Kuusisto J, Kvaløy K, Lakka TA, Lee NR, Lee IT, Lee WJ, Levy D, Li X, Liang KW, Lin H, Lin L, Lindström J, Lobbens S, Männistö S, Müller G, Müller-Nurasyid M, Mach F, Markus HS, Marouli E, McCarthy MI, McKenzie CA, Meneton P, Menni C, Metspalu A, Mijatovic V, Moilanen L, Montasser ME, Morris AD, Morrison AC, Mulas A, Nagaraja R, Narisu N, Nikus K, O'Donnell CJ, O'Reilly PF, Ong KK, Paccaud F, Palmer CD, Parsa A, Pedersen NL, Penninx BW, Perola M, Peters A, Poulter N, Pramstaller PP, Psaty BM, Quertermous T, Rao DC, Rasheed A, Rayner NW, Renström F, Rettig R, Rice KM, Roberts R, Rose LM, Rossouw J, Samani NJ, Sanna S, Saramies J, Schunkert H, Sebert S, Sheu WH, Shin YA, Sim X, Smit JH, Smith AV, Sosa MX, Spector TD, Stančáková A, Stanton AV, Stirrups KE, Stringham HM, Sundstrom J, Swift AJ, Syvänen AC, Tai ES, Tanaka T, Tarasov KV, Teumer A, Thorsteinsdottir U, Tobin MD, Tremoli E, Uitterlinden AG, Uusitupa M, Vaez A, Vaidya D, van Duijn CM, van Iperen EP, Vasan RS, Verwoert GC, Virtamo J, Vitart V, Voight BF, Vollenweider P, Wagner A, Wain LV, Wareham NJ, Watkins H, Weder AB, Westra HJ, Wilks R, Wilsgaard T, Wilson JF, Wong TY, Yang TP, Yao J, Yengo L, Zhang W, Zhao JH, Zhu X, Bovet P, Cooper RS, Mohlke KL, Saleheen D, Lee JY, Elliott P, Gierman HJ, Willer CJ, Franke L, Hovingh GK, Taylor KD, Dedoussis G, Sever P, Wong A, Lind L, Assimes TL, Njølstad I, Schwarz PE, Langenberg C, Snieder H, Caulfield MJ, Melander O, Laakso M, Saltevo J, Rauramaa R, Tuomilehto J, Ingelsson E, Lehtimäki T, Hveem K, Palmas W, März W, Kumari M, Salomaa V, Chen YI, Rotter JI, Froguel P, Jarvelin MR, Lakatta EG, Kuulasmaa K, Franks PW, Hamsten A, Wichmann HE, Palmer CN, Stefansson K, Ridker PM, Loos RJ, Chakravarti A, Deloukas P, Morris AP, Newton-Cheh C, Munroe PB. The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nat Genet*. 2016 Sep 12. doi: 10.1038/ng.3667. [Epub ahead of print]

Liu C*, Kraja AT*, Smith JA*, Brody JA*, **Franceschini N***, Bis JC, Rice K, Morrison AC, Lu Y, Weiss S, Guo X, Palmas W, Martin LW, Chen YI, Surendran P, Drenos F, Cook JP, Auer PL, Chu AY, Giri A, Zhao W, Jakobsdottir J, Lin LA, Stafford JM, Amin N, Mei H, Yao J, Voorman A; CHD Exome+ Consortium; ExomeBP Consortium; GoT2DGenes Consortium; T2D-GENES Consortium, Larson MG, Grove ML, Smith AV, Hwang SJ, Chen H, Huan T, Kosova G, Stitziel NO, Kathiresan S, Samani N, Schunkert H, Deloukas P; Myocardial Infarction Genetics and CARDIoGRAM Exome Consortia, Li M, Fuchsberger C, Pattaro C, Gorski M; CKDGen Consortium, Kooperberg C, Papanicolaou GJ, Rossouw JE, Faul JD, Kardia SL, Bouchard C, Raffel LJ, Uitterlinden AG, Franco OH, Vasan RS,

O'Donnell CJ, Taylor KD, Liu K, Bottinger EP, Gottesman O, Daw EW, Giulianini F, Ganesh S, Salfati E, Harris TB, Launer LJ, Dörr M, Felix SB, Rettig R, Völzke H, Kim E, Lee WJ, Lee IT, Sheu WH, Tsosie KS, Edwards DR, Liu Y, Correa A, Weir DR, Völker U, Ridker PM, Boerwinkle E, Gudnason V, Reiner AP, van Duijn CM, Borecki IB, Edwards TL, Chakravarti A, Rotter JI, Psaty BM, Loos RJ, Fornage M, Ehret GB, Newton-Cheh C, Levy D, Chasman DI. Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. *Nat Genet*. 2016 Sep 12. doi: 10.1038/ng.3660. [Epub ahead of print]

Mahajan A, Rodan AR, Le TH, Gaulton KJ, Haessler J, Stilp AM, Kamatani Y, Zhu G, Sofer T, Puri S, Schellinger JN, Chu PL, Cechova S, van Zuydam N; SUMMIT Consortium; BioBank Japan Project, Arnlov J, Flessner MF, Giedraitis V, Heath AC, Kubo M, Larsson A, Lindgren CM, Madden PA, Montgomery GW, Papanicolaou GJ, Reiner AP, Sundström J, Thornton TA, Lind L, Ingelsson E, Cai J, Martin NG, Kooperberg C, Matsuda K, Whitfield JB, Okada Y, Laurie CC, Morris AP, **Franceschini N**. Trans-ethnic Fine Mapping Highlights Kidney-Function Genes Linked to Salt Sensitivity. *Am J Hum Genet*. 2016 Sep 1;99(3):636-46.

Polfus LM, Khajuria RK, Schick UM, Pankratz N, Pazoki R, Brody JA, Chen MH, Auer PL, Floyd JS, Huang J, Lange L, van Rooij FJ, Gibbs RA, Metcalf G, Muzny D, Veeraraghavan N, Walter K, Chen L, Yanek L, Becker LC, Peloso GM, Wakabayashi A, Kals M, Metspalu A, Esko T, Fox K, Wallace R, **Franceschini N**, Matijevic N, Rice KM, Bartz TM, Lyytikäinen LP, Kähönen M, Lehtimäki T, Raitakari OT, Li-Gao R, Mook-Kanamori DO, Lettre G, van Duijn CM, Franco OH, Rich SS, Rivadeneira F, Hofman A, Uitterlinden AG, Wilson JG, Psaty BM, Soranzo N, Dehghan A, Boerwinkle E, Zhang X, Johnson AD, O'Donnell CJ, Johnsen JM, Reiner AP, Ganesh SK, Sankaran VG. Whole-Exome Sequencing Identifies Loci Associated with Blood Cell Traits and Reveals a Role for Alternative GFI1B Splice Variants in Human Hematopoiesis. *Am J Hum Genet*. 2016 Sep 1;99(3):785

van der Laan SW, Fall T, Soumaré A, Teumer A, Sedaghat S, Baumert J, Zabaneh D, van Setten J, Isgum I, Galesloot TE, Arpegård J, Amouyel P, Trompet S, Waldenberger M, Dörr M, Magnusson PK, Giedraitis V, Larsson A, Morris AP, Felix JF, Morrison AC, **Franceschini N**, Bis JC, Kavousi M, O'Donnell C, Drenos F, Tragante V, Munroe PB, Malik R, Dichgans M, Worrall BB, Erdmann J, Nelson CP, Samani NJ, Schunkert H, Marchini J, Patel RS, Hingorani AD, Lind L, Pedersen NL, de Graaf J, Kiemeney LA, Baumeister SE, Franco OH, Hofman A, Uitterlinden AG, Koenig W, Meisinger C, Peters A, Thorand B, Jukema JW, Eriksen BO, Toft I, Wilsgaard T, Onland-Moret NC, van der Schouw YT, Debette S, Kumari M, Svensson P, van der Harst P, Kivimaki M, Keating BJ, Sattar N, Dehghan A, Reiner AP, Ingelsson E, den Ruijter HM, de Bakker PI, Pasterkamp G, Ärnlöv J, Holmes MV, Asselbergs FW. Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. *J Am Coll Cardiol*. 2016 Aug 30;68(9):934-45.

Balakrishnan P, Vaidya D, **Franceschini N**, Voruganti VS, Gribble MO, Haack K, Laston S, Umans JG, Francesconi KA, Goessler W, North KE, Lee E, Yracheta J, Best LG, MacCluer JW, Kent J Jr, Cole SA, Navas-Acien A. Association of Cardiometabolic Genes

with Arsenic Metabolism Biomarkers in American Indian Communities: The Strong Heart Family Study (SHFS). *Environ Health Perspect*. 2016 Jun 28. [Epub ahead of print]

Franceschini N, Deng Y, Flessner MF, Eckfeldt JH, Kramer HJ, Lash JP, Lee DJ, Melamed ML, Moncrieft AE, Ricardo AC, Rosas SE, Kaplan RC, Raij L, Cai J. Smoking patterns and chronic kidney disease in US Hispanics: the Hispanics Community Health Study/the Study of Latinos. *Nephrol Dial Transplant*. 2016 Jun 2. pii: gfw210. [Epub ahead of print]

Prins BP, Abbasi A, Wong A, Vaez A, Nolte I, **Franceschini N**, Stuart PE, Guterriez Achury J, Mistry V, Bradfield JP, Valdes AM, Bras J, Shatunov A; PAGE Consortium; International Stroke Genetics Consortium; Systemic Sclerosis consortium; Treat OA consortium; DIAGRAM Consortium; CARDIoGRAMplusC4D Consortium; ALS consortium; International Parkinson's Disease Genomics Consortium; Autism Spectrum Disorder Working Group of the Psychiatric Genomics Consortium; CKDGen consortium; GERAD1 Consortium; International Consortium for Blood Pressure; Schizophrenia Working Group of the Psychiatric Genomics Consortium; Inflammation Working Group of the CHARGE Consortium, Lu C, Han B, Raychaudhuri S, Bevan S, Mayes MD, Tsoi LC, Evangelou E, Nair RP, Grant SF, Polychronakos C, Radstake TR, van Heel DA, Dunstan ML, Wood NW, Al-Chalabi A, Dehghan A, Hakonarson H, Markus HS, Elder JT, Knight J, Arking DE, Spector TD, Koeleman BP, van Duijn CM, Martin J, Morris AP, Weersma RK, Wijmenga C, Munroe PB, Perry JR, Pouget JG, Jamshidi Y, Snieder H, Alizadeh BZ. Investigating the Causal Relationship of C-Reactive Protein with 32 Complex Somatic and Psychiatric Outcomes: A Large-Scale Cross-Consortium Mendelian Randomization Study. *PLoS Med.* 2016 Jun 21;13(6):e1001976.
Liu CT, Raghavan S, Maruthur N, Kabagambe EK, Hong J, Ng MC, Hivert MF, Lu Y, An P, Bentley AR, Drolet AM, Gaulton KJ, Guo X, Armstrong LL, Irvin MR, Li M, Lipovich L, Rybin DV, Taylor KD, Agyemang C, Palmer ND, Cade BE, Chen WM, Dauriz M, Delaney JA, Edwards TL, Evans DS, Evans MK, Lange LA, Leong A, Liu J, Liu Y, Nayak U, Patel SR, Porneala BC, Rasmussen-Torvik LJ, Snijder MB, Stallings SC, Tanaka T, Yanek LR, Zhao W, Becker DM, Bielak LF, Biggs ML, Bottinger EP, Bowden DW, Chen G, Correa A, Couper DJ, Crawford DC, Cushman M, Eicher JD, Fornage M, **Franceschini N**, Fu YP, Goodarzi MO, Gottesman O, Hara K, Harris TB, Jensen RA, Johnson AD, Jhun MA, Karter AJ, Keller MF, Kho AN, Kizer JR, Krauss RM, Langefeld CD, Li X, Liang J, Liu S, Lowe WL Jr, Mosley TH, North KE, Pacheco JA, Peyser PA, Patrick AL, Rice KM, Selvin E, Sims M, Smith JA, Tajuddin SM, Vaidya D, Wren MP, Yao J, Zhu X, Ziegler JT, Zmuda JM, Zonderman AB, Zwinderman AH; AAAG Consortium; CARe Consortium; COGENT-BP Consortium; eMERGE Consortium; MEDIA Consortium, Adeyemo A, Boerwinkle E, Ferrucci L, Hayes MG, Kardia SL, Miljkovic I, Pankow JS, Rotimi CN, Sale MM, Wagenknecht LE, Arnett DK, Chen YD, Nalls MA; MAGIC Consortium, Province MA, Kao WH, Siscovick DS, Psaty BM, Wilson JG, Loos RJ, Dupuis J, Rich SS, Florez JC, Rotter JI, Morris AP, Meigs JB. Trans-ethnic Meta-analysis and Functional Annotation Illuminates the Genetic Architecture of Fasting Glucose and Insulin. *Am J Hum Genet*. 2016 Jul 7;99(1):56-75.

Dehghan A, Bis JC, White CC, Smith AV, Morrison AC, Cupples LA, Trompet S, Chasman DI, Lumley T, Völker U, Buckley BM, Ding J, Jensen MK, Folsom AR, Kritchevsky SB,

Girman CJ, Ford I, Dörr M, Salomaa V, Uitterlinden AG, Eiriksdottir G, Vasan RS, **Franceschini N**, Carty CL, Virtamo J, Demissie S, Amouyel P, Arveiler D, Heckbert SR, Ferrières J, Ducimetière P, Smith NL, Wang YA, Siscovick DS, Rice KM, Wiklund PG, Taylor KD, Evans A, Kee F, Rotter JI, Karvanen J, Kuulasmaa K, Heiss G, Kraft P, Launer LJ, Hofman A, Markus MR, Rose LM, Silander K, Wagner P, Benjamin EJ, Lohman K, Stott DJ, Rivadeneira F, Harris TB, Levy D, Liu Y, Rimm EB, Jukema JW, Völzke H, Ridker PM, Blankenberg S, Franco OH, Gudnason V, Psaty BM, Boerwinkle E, O'Donnell CJ. Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. *PLoS One*. 2016 Mar 7;11(3):e0144997.

Schick UM, Jain D, Hodonsky CJ, Morrison JV, Davis JP, Brown L, Sofer T, Conomos MP, Schurmann C, McHugh CP, Nelson SC, Vadlamudi S, Stilp A, Plantinga A, Baier L, Bien SA, Gogarten SM, Laurie CA, Taylor KD, Liu Y, Auer PL, **Franceschini N**, Szpiro A, Rice K, Kerr KF, Rotter JI, Hanson RL, Papanicolaou G, Rich SS, Loos RJ, Browning BL, Browning SR, Weir BS, Laurie CC, Mohlke KL, North KE, Thornton TA, Reiner AP. Genome-wide Association Study of Platelet Count Identifies Ancestry-Specific Loci in Hispanic/Latino Americans.*Am J Hum Genet*. 2016 Feb 4;98(2):229-42.

Kan M, Auer PL, Wang GT, Bucasas KL, Hooker S, Rodriguez A, Li B, Ellis J, Adrienne Cupples L, Ida Chen YD, Dupuis J, Fox CS, Gross MD, Smith JD, Heard-Costa N, Meigs JB, Pankow JS, Rotter JI, Siscovick D, Wilson JG, Shendure J, Jackson R, Peters U, Zhong H, Lin D, Hsu L, **Franceschini N**, Carlson C, Abecasis G, Gabriel S, Bamshad MJ, Altshuler D, Nickerson DA, North KE, Lange LA, Reiner AP, Leal SM. Rare variant associations with waist-to-hip ratio in European-American and African-American women from the NHLBI-Exome Sequencing Project. *Eur J Hum Genet*. 2016 Aug;24(8):1181-7.

Conomos MP, Laurie CA, Stilp AM, Gogarten SM, McHugh CP, Nelson SC, Sofer T, Fernández-Rhodes L, Justice AE, Graff M, Young KL, Seyerle AA, Avery CL, Taylor KD, Rotter JI, Talavera GA, Daviglus ML, Wassertheil-Smoller S, Schneiderman N, Heiss G, Kaplan RC, **Franceschini N**, Reiner AP, Shaffer JR, Barr RG, Kerr KF, Browning SR, Browning BL, Weir BS, Avilés-Santa ML, Papanicolaou GJ, Lumley T, Szpiro AA, North KE, Rice K, Thornton TA, Laurie CC. Genetic Diversity and Association Studies in US Hispanic/Latino Populations: Applications in the Hispanic Community Health Study/Study of Latinos. *Am J Hum Genet*. 2016 Jan 7;98(1):165-84.

Yu B, Pulit SL, Hwang SJ, Brody JA, Amin N, Auer PL, Bis JC, Boerwinkle E, Burke GL, Chakravarti A, Correa A, Dreisbach AW, Franco OH, Ehret GB, **Franceschini N**, Hofman A, Lin DY, Metcalf GA, Musani SK, Muzny D, Palmas W, Raffel L, Reiner A, Rice K, Rotter JI, Veeraraghavan N, Fox E, Guo X, North KE, Gibbs RA, van Duijn CM, Psaty BM, Levy D, Newton-Cheh C, Morrison AC; Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium; National Heart, Lung, and Blood Institute GO Exome Sequencing Project. Rare Exome Sequence Variants in CLCN6 Reduce Blood Pressure Levels and Hypertension Risk.*Circ Cardiovasc Genet*. 2016 Feb;9(1):64-70.

Dong J, Yang J, Tranah G, **Franceschini N**, Parimi N, Alkorta-Aranburu G, Xu Z, Alonso A, Cummings SR, Fornage M, Huang X, Kritchevsky S, Liu Y, London S, Niu L, Wilson RS, De Jager PL, Yu L, Singleton AB, Harris T, Mosley TH Jr, Pinto JM, Bennett DA, Chen H. Genome-wide Meta-analysis on the Sense of Smell Among US Older Adults. *Medicine* (Baltimore). 2015 Nov;94(47):e1892.

Niño PK, Durik M, Danser AH, de Vries R, Musterd-Bhaggoe UM, Meima ME, Kavousi M, Ghanbari M, Hoeijmakers JH, O'Donnell CJ, **Franceschini N**, Janssen GM, De Mey JG, Liu Y, Shanahan CM, Franco OH, Dehghan A, Roks AJ. Phosphodiesterase 1 regulation is a key mechanism in vascular aging. *Clin Sci (Lond).* 2015;129(12):1061-75.

Ricardo AC, Flessner MF, Eckfeldt JH, Eggers PW, **Franceschini N**, Go AS, Gotman NM, Kramer HJ, Kusek JW, Loehr LR, Melamed ML, Peralta CA, Raij L, Rosas SE, Talavera GA, Lash JP. Prevalence and Correlates of CKD in Hispanics/Latinos in the United States. *Clin J Am Soc Nephrol*. 2015;10(10):1757-66.

Day FR, Ruth KS, Thompson DJ, Lunetta KL, Pervjakova N, Chasman DI, Stolk L, Finucane HK, Sulem P, Bulik-Sullivan B, Esko T, Johnson AD, Elks CE, **Franceschini N**, He C, Altmaier E, Brody JA, Franke LL, Huffman JE, Keller MF, McArdle PF, Nutile T, Porcu E, Robino A, Rose LM, Schick UM, Smith JA, Teumer A, Traglia M, Vuckovic D, Yao J, Zhao W, Albrecht E, Amin N, Corre T, Hottenga JJ, Mangino M, Smith AV, Tanaka T, Abecasis GR, Andrulis IL, Anton-Culver H, Antoniou AC, Arndt V, Arnold AM, Barbieri C, Beckmann MW, Beeghly-Fadiel A, Benitez J, Bernstein L, Bielinski SJ, Blomqvist C, Boerwinkle E, Bogdanova NV, Bojesen SE, Bolla MK, Borresen-Dale AL, Boutin TS, Brauch H, Brenner H, Brüning T, Burwinkel B, Campbell A, Campbell H, Chanock SJ, Chapman JR, Chen YD, Chenevix-Trench G, Couch FJ, Coviello AD, Cox A, Czene K, Darabi H, De Vivo I, Demerath EW, Dennis J, Devilee P, Dörk T, Dos-Santos-Silva I, Dunning AM, Eicher JD, Fasching PA, Faul JD, Figueroa J, Flesch-Janys D, Gandin I, Garcia ME, García-Closas M, Giles GG, Girotto GG, Goldberg MS, González-Neira A, Goodarzi MO, Grove ML, Gudbjartsson DF, Guénel P, Guo X, Haiman CA, Hall P, Hamann U, Henderson BE, Hocking LJ, Hofman A, Homuth G, Hooning MJ, Hopper JL, Hu FB, Huang J, Humphreys K, Hunter DJ, Jakubowska A, Jones SE, Kabisch M, Karasik D, Knight JA, Kolcic I, Kooperberg C, Kosma VM, Kriebel J, Kristensen V, Lambrechts D, Langenberg C, Li J, Li X, Lindström S, Liu Y, Luan J, Lubinski J, Mägi R, Mannermaa A, Manz J, Margolin S, Marten J, Martin NG, Masciullo C, Meindl A, Michailidou K, Mihailov E, Milani L, Milne RL, Müller-Nurasyid M, Nalls M, Neale BM, Nevanlinna H, Neven P, Newman AB, Nordestgaard BG, Olson JE, Padmanabhan S, Peterlongo P, Peters U, Petersmann A, Peto J, Pharoah PD, Pirastu NN, Pirie A, Pistis G, Polasek O, Porteous D, Psaty BM, Pylkäs K, Radice P, Raffel LJ, Rivadeneira F, Rudan I, Rudolph A, Ruggiero D, Sala CF, Sanna S, Sawyer EJ, Schlessinger D, Schmidt MK, Schmidt F, Schmutzler RK, Schoemaker MJ, Scott RA, Seynaeve CM, Simard J, Sorice R, Southey MC, Stöckl D, Strauch K, Swerdlow A, Taylor KD, Thorsteinsdottir U, Toland AE, Tomlinson I, Truong T, Tryggvadottir L, Turner ST, Vozzi D, Wang Q, Wellons M, Willemsen G, Wilson JF, Winqvist R, Wolffenbuttel BB, Wright AF, Yannoukakos D, Zemunik T, Zheng W, Zygmunt M, Bergmann S, Boomsma DI, Buring JE, Ferrucci L, Montgomery GW, Gudnason V, Spector TD, van Duijn CM, Alizadeh BZ, Ciullo M, Crisponi L, Easton DF,

Gasparini PP, Gieger C, Harris TB, Hayward C, Kardia SL, Kraft P, McKnight B, Metspalu A, Morrison AC, Reiner AP, Ridker PM, Rotter JI, Toniolo D, Uitterlinden AG, Ulivi S, Völzke H, Wareham NJ, Weir DR, Yerges-Armstrong LM; PRACTICAL Consortium; kConFab Investigators; AOCS Investigators; Generation Scotland; EPIC-InterAct Consortium; LifeLines Cohort Study, Price AL, Stefansson K, Visser JA, Ong KK, Chang-Claude J, Murabito JM, Perry JR, Murray A. Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. *Nat Genet.* 2015;47(11):1294-303.

Nikpay M, Goel A, Won HH, Hall LM, Willenborg C, Kanoni S, Saleheen D, Kyriakou T, Nelson CP, Hopewell JC, Webb TR, Zeng L, Dehghan A, Alver M, Armasu SM, Auro K, Bjonnes A, Chasman DI, Chen S, Ford I, **Franceschini N**, Gieger C, Grace C, Gustafsson S, Huang J, Hwang SJ, Kim YK, Kleber ME, Lau KW, Lu X, Lu Y, Lyytikäinen LP, Mihailov E, Morrison AC, Pervjakova N, Qu L, Rose LM, Salfati E, Saxena R, Scholz M, Smith AV, Tikkanen E, Uitterlinden A, Yang X, Zhang W, Zhao W, de Andrade M, de Vries PS, van Zuydam NR, Anand SS, Bertram L, Beutner F, Dedoussis G, Frossard P, Gauguier D, Goodall AH, Gottesman O, Haber M, Han BG, Huang J, Jalilzadeh S, Kessler T, König IR, Lannfelt L, Lieb W, Lind L, Lindgren CM, Lokki ML, Magnusson PK, Mallick NH, Mehra N, Meitinger T, Memon FU, Morris AP, Nieminen MS, Pedersen NL, Peters A, Rallidis LS, Rasheed A, Samuel M, Shah SH, Sinisalo J, Stirrups KE, Trompet S, Wang L, Zaman KS, Ardissino D, Boerwinkle E, Borecki IB, Bottinger EP, Buring JE, Chambers JC, Collins R, Cupples LA, Danesh J, Demuth I, Elosua R, Epstein SE, Esko T, Feitosa MF, Franco OH, Franzosi MG, Granger CB, Gu D, Gudnason V, Hall AS, Hamsten A, Harris TB, Hazen SL, Hengstenberg C, Hofman A, Ingelsson E, Iribarren C, Jukema JW, Karhunen PJ, Kim BJ, Kooner JS, Kullo IJ, Lehtimäki T, Loos RJ, Melander O, Metspalu A, März W, Palmer CN, Perola M, Quertermous T, Rader DJ, Ridker PM, Ripatti S, Roberts R, Salomaa V, Sanghera DK, Schwartz SM, Seedorf U, Stewart AF, Stott DJ, Thiery J, Zalloua PA, O'Donnell CJ, Reilly MP, Assimes TL, Thompson JR, Erdmann J, Clarke R, Watkins H, Kathiresan S, McPherson R, Deloukas P, Schunkert H, Samani NJ, Farrall M; CARDIoGRAMplusC4D Consortium. A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. *Nat Genet.* 2015 Oct;47(10):1121-30.

Obeidat M, Hao K, Bossé Y, Nickle DC, Nie Y, Postma DS, Laviolette M, Sandford AJ, Daley DD, Hogg JC, Elliott WM, Fishbane N, Timens W, Hysi PG, Kaprio J, Wilson JF, Hui J, Rawal R, Schulz H, Stubbe B, Hayward C, Polasek O, Järvelin MR, Zhao JH, Jarvis D, Kähönen M, **Franceschini N**, North KE, Loth DW, Brusselle GG, Smith AV, Gudnason V, Bartz TM, Wilk JB, O'Connor GT, Cassano PA, Tang W, Wain LV, Artigas MS, Gharib SA, Strachan DP, Sin DD, Tobin MD, London SJ, Hall IP, Paré PD. Molecular mechanisms underlying variations in lung function: a systems genetics analysis. *Lancet Respir Med.* 2015 Oct;3(10):782-95.

Tao R, Zeng D, **Franceschini N**, North KE, Boerwinkle E, Lin DY. Analysis of Sequence Data Under Multivariate Trait-Dependent Sampling.J Am Stat Assoc. 2015 Jun 1;110(510):560-572.

Arce CM, Rhee JJ, Cheung KL, Hedlin H, Kapphahn K, **Franceschini N**, Kalil RS, Martin LW, Qi L, Shara NM, Desai M, Stefanick ML, Winkelmayer WC; Women's Health

Initiative Investigators. Kidney Function and Cardiovascular Events in Postmenopausal Women: The Impact of Race and Ethnicity in the Women's Health Initiative. *Am J Kidney Dis*. 2016 Feb;67(2):198-208.

Lunetta KL, Day FR, Sulem P, Ruth KS, Tung JY, Hinds DA, Esko T, Elks CE, Altmaier E, He C, Huffman JE, Mihailov E, Porcu E, Robino A, Rose LM, Schick UM, Stolk L, Teumer A, Thompson DJ, Traglia M, Wang CA, Yerges-Armstrong LM, Antoniou AC, Barbieri C, Coviello AD, Cucca F, Demerath EW, Dunning AM, Gandin I, Grove ML, Gudbjartsson DF, Hocking LJ, Hofman A, Huang J, Jackson RD, Karasik D, Kriebel J, Lange EM, Lange LA, Langenberg C, Li X, Luan J, Mägi R, Morrison AC, Padmanabhan S, Pirie A, Polasek O, Porteous D, Reiner AP, Rivadeneira F, Rudan I, Sala CF, Schlessinger D, Scott RA, Stöckl D, Visser JA, Völker U, Vozzi D, Wilson JG, Zygmunt M; EPIC-InterAct Consortium; Generation Scotland, Boerwinkle E, Buring JE, Crisponi L, Easton DF, Hayward C, Hu FB, Liu S, Metspalu A, Pennell CE, Ridker PM, Strauch K, Streeten EA, Toniolo D, Uitterlinden AG, Ulivi S, Völzke H, Wareham NJ, Wellons M, **Franceschini N**, Chasman DI, Thorsteinsdottir U, Murray A, Stefansson K, Murabito JM, Ong KK, Perry JR. Rare coding variants and X-linked loci associated with age at menarche. *Nat Commun*. 2015 Aug 4;6:7756.

Joshi PK, Esko T, Mattsson H, Eklund N, Gandin I, Nutile T, Jackson AU, Schurmann C, Smith AV, Zhang W, Okada Y, Stančáková A, Faul JD, Zhao W, Bartz TM, Concas MP, **Franceschini N**, Enroth S, Vitart V, Trompet S, Guo X, Chasman DI, O'Connel JR, Corre T, Nongmaithem SS, Chen Y, Mangino M, Ruggiero D, Traglia M, Farmaki AE, Kacprowski T, Bjonnes A, van der Spek A, Wu Y, Giri AK, Yanek LR, Wang L, Hofer E, Rietveld CA, McLeod O, Cornelis MC, Pattaro C, Verweij N, Baumbach C, Abdellaoui A, Warren HR, Vuckovic D, Mei H, Bouchard C, Perry JR, Cappellani S, Mirza SS, Benton MC, Broeckel U, Medland SE, Lind PA, Malerba G, Drong A, Yengo L, Bielak LF, Zhi D, van der Most PJ, Shriner D, Mägi R, Hemani G, Karaderi T, Wang Z, Liu T, Demuth I, Zhao JH, Meng W, Lataniotis L, van der Laan SW, Bradfield JP, Wood AR, Bonnefond A, Ahluwalia TS, Hall LM, Salvi E, Yazar S, Carstensen L, de Haan HG, Abney M, Afzal U, Allison MA, Amin N, Asselbergs FW, Bakker SJ, Barr RG, Baumeister SE, Benjamin DJ, Bergmann S, Boerwinkle E, Bottinger EP, Campbell A, Chakravarti A, Chan Y, Chanock SJ, Chen C, Chen YI, Collins FS, Connell J, Correa A, Cupples LA, Smith GD, Davies G, Dörr M, Ehret G, Ellis SB, Feenstra B, Feitosa MF, Ford I, Fox CS, Frayling TM, Friedrich N, Geller F, Scotland G, Gillham-Nasenya I, Gottesman O, Graff M, Grodstein F, Gu C, Haley C, Hammond CJ, Harris SE, Harris TB, Hastie ND, Heard-Costa NL, Heikkilä K, Hocking LJ, Homuth G, Hottenga JJ, Huang J, Huffman JE, Hysi PG, Ikram MA, Ingelsson E, Joensuu A, Johansson Å, Jousilahti P, Jukema JW, Kähönen M, Kamatani Y, Kanoni S, Kerr SM, Khan NM, Koellinger P, Koistinen HA, Kooner MK, Kubo M, Kuusisto J, Lahti J, Launer LJ, Lea RA, Lehne B, Lehtimäki T, Liewald DC, Lind L, Loh M, Lokki ML, London SJ, Loomis SJ, Loukola A, Lu Y, Lumley T, Lundqvist A, Männistö S, Marques-Vidal P, Masciullo C, Matchan A, Mathias RA, Matsuda K, Meigs JB, Meisinger C, Meitinger T, Menni C, Mentch FD, Mihailov E, Milani L, Montasser ME, Montgomery GW, Morrison A, Myers RH, Nadukuru R, Navarro P, Nelis M, Nieminen MS, Nolte IM, O'Connor GT, Ogunniyi A, Padmanabhan S, Palmas WR, Pankow JS, Patarcic I, Pavani F, Peyser PA, Pietilainen K, Poulter N, Prokopenko I, Ralhan S, Redmond P, Rich SS,

Rissanen H, Robino A, Rose LM, Rose R, Sala C, Salako B, Salomaa V, Sarin AP, Saxena R, Schmidt H, Scott LJ, Scott WR, Sennblad B, Seshadri S, Sever P, Shrestha S, Smith BH, Smith JA, Soranzo N, Sotoodehnia N, Southam L, Stanton AV, Stathopoulou MG, Strauch K, Strawbridge RJ, Suderman MJ, Tandon N, Tang ST, Taylor KD, Tayo BO, Töglhofer AM, Tomaszewski M, Tšernikova N, Tuomilehto J, Uitterlinden AG, Vaidya D, van Hylckama Vlieg A, van Setten J, Vasankari T, Vedantam S, Vlachopoulou E, Vozzi D, Vuoksimaa E, Waldenberger M, Ware EB, Wentworth-Shields W, Whitfield JB, Wild S, Willemsen G, Yajnik CS, Yao J, Zaza G, Zhu X; BioBank Japan Project, Salem RM, Melbye M, Bisgaard H, Samani NJ, Cusi D, Mackey DA, Cooper RS, Froguel P, Pasterkamp G, Grant SF, Hakonarson H, Ferrucci L, Scott RA, Morris AD, Palmer CN, Dedoussis G, Deloukas P, Bertram L, Lindenberger U, Berndt SI, Lindgren CM, Timpson NJ, Tönjes A, Munroe PB, Sørensen TI, Rotimi CN, Arnett DK, Oldehinkel AJ, Kardia SL, Balkau B, Gambaro G, Morris AP, Eriksson JG, Wright MJ, Martin NG, Hunt SC, Starr JM, Deary IJ, Griffiths LR, Tiemeier H, Pirastu N, Kaprio J, Wareham NJ, Pérusse L, Wilson JG, Girotto G, Caulfield MJ, Raitakari O, Boomsma DI, Gieger C, van der Harst P, Hicks AA, Kraft P, Sinisalo J, Knekt P, Johannesson M, Magnusson PK, Hamsten A, Schmidt R, Borecki IB, Vartiainen E, Becker DM, Bharadwaj D, Mohlke KL, Boehnke M, van Duijn CM, Sanghera DK, Teumer A, Zeggini E, Metspalu A, Gasparini P, Ulivi S, Ober C, Toniolo D, Rudan I, Porteous DJ, Ciullo M, Spector TD, Hayward C, Dupuis J, Loos RJ, Wright AF, Chandak GR, Vollenweider P, Shuldiner AR, Ridker PM, Rotter JI, Sattar N, Gyllensten U, North KE, Pirastu M, Psaty BM, Weir DR, Laakso M, Gudnason V, Takahashi A, Chambers JC, Kooner JS, Strachan DP, Campbell H, Hirschhorn JN, Perola M, Polašek O, Wilson JF. Directional dominance on stature and cognition in diverse human populations. *Nature.* 2015 Jul 23;523(7561):459-62.

Olfson E, Saccone NL, Johnson EO, Chen LS, Culverhouse R, Doheny K, Foltz SM, Fox L, Gogarten SM, Hartz S, Hetrick K, Laurie CC, Marosy B, Amin N, Arnett D, Barr RG, Bartz TM, Bertelsen S, Borecki IB, Brown MR, Chasman DI, van Duijn CM, Feitosa MF, Fox ER, **Franceschini N**, Franco OH, Grove ML, Guo X, Hofman A, Kardia SL, Morrison AC, Musani SK, Psaty BM, Rao DC, Reiner AP, Rice K, Ridker PM, Rose LM, Schick UM, Schwander K, Uitterlinden AG, Vojinovic D, Wang JC, Ware EB, Wilson G, Yao J, Zhao W, Breslau N, Hatsukami D, Stitzel JA, Rice J, Goate A, Bierut LJ. Rare, low frequency and common coding variants in CHRNA5 and their contribution to nicotine dependence in European and African Americans. *Mol Psychiatry*. 2015 Aug 4. doi: 10.1038/mp.2015.105. [Epub ahead of print]

Gribble MO, Voruganti VS, Cole SA, Haack K, Balakrishnan P, Laston SL, Tellez-Plaza M, Francesconi KA, Goessler W, Umans JG, Thomas DC, Gilliland F, North KE, **Franceschini N**, Navas-Acien A. Linkage Analysis of Urine Arsenic Species Patterns in the Strong Heart Family Study. Toxicol Sci. 2015 Nov;148(1):89-100.

Bressler J, **Franceschini N**, Demerath EW, Mosley TH, Folsom AR, Boerwinkle E. Sequence variation in telomerase reverse transcriptase (TERT) as a determinant of risk of cardiovascular disease: the Atherosclerosis Risk in Communities (ARIC) study. BMC Med Genet. 2015 Jul 23;16:52.

Joshi PK, Esko T, Mattsson H, Eklund N, Gandin I, Nutile T, Jackson AU, Schurmann C, Smith AV, Zhang W, Okada Y, Stančáková A, Faul JD, Zhao W, Bartz TM, Concas MP, **Franceschini N**, Enroth S, Vitart V, Trompet S, Guo X, Chasman DI, O'Connel JR, Corre T, Nongmaithem SS, Chen Y, Mangino M, Ruggiero D, Traglia M, Farmaki AE, Kacprowski T, Bjonnes A, van der Spek A, Wu Y, Giri AK, Yanek LR, Wang L, Hofer E, Rietveld CA, McLeod O, Cornelis MC, Pattaro C, Verweij N, Baumbach C, Abdellaoui A, Warren HR, Vuckovic D, Mei H, Bouchard C, Perry JR, Cappellani S, Mirza SS, Benton MC, Broeckel U, Medland SE, Lind PA, Malerba G, Drong A, Yengo L, Bielak LF, Zhi D, van der Most PJ, Shriner D, Mägi R, Hemani G, Karaderi T, Wang Z, Liu T, Demuth I, Zhao JH, Meng W, Lataniotis L, van der Laan SW, Bradfield JP, Wood AR, Bonnefond A, Ahluwalia TS, Hall LM, Salvi E, Yazar S, Carstensen L, de Haan HG, Abney M, Afzal U, Allison MA, Amin N, Asselbergs FW, Bakker SJ, Barr RG, Baumeister SE, Benjamin DJ, Bergmann S, Boerwinkle E, Bottinger EP, Campbell A, Chakravarti A, Chan Y, Chanock SJ, Chen C, Chen YI, Collins FS, Connell J, Correa A, Cupples LA, Smith GD, Davies G, Dörr M, Ehret G, Ellis SB, Feenstra B, Feitosa MF, Ford I, Fox CS, Frayling TM, Friedrich N, Geller F, Scotland G, Gillham-Nasenya I, Gottesman O, Graff M, Grodstein F, Gu C, Haley C, Hammond CJ, Harris SE, Harris TB, Hastie ND, Heard-Costa NL, Heikkilä K, Hocking LJ, Homuth G, Hottenga JJ, Huang J, Huffman JE, Hysi PG, Ikram MA, Ingelsson E, Joensuu A, Johansson Å, Jousilahti P, Jukema JW, Kähönen M, Kamatani Y, Kanoni S, Kerr SM, Khan NM, Koellinger P, Koistinen HA, Kooner MK, Kubo M, Kuusisto J, Lahti J, Launer LJ, Lea RA, Lehne B, Lehtimäki T, Liewald DC, Lind L, Loh M, Lokki ML, London SJ, Loomis SJ, Loukola A, Lu Y, Lumley T, Lundqvist A, Männistö S, Marques-Vidal P, Masciullo C, Matchan A, Mathias RA, Matsuda K, Meigs JB, Meisinger C, Meitinger T, Menni C, Mentch FD, Mihailov E, Milani L, Montasser ME, Montgomery GW, Morrison A, Myers RH, Nadukuru R, Navarro P, Nelis M, Nieminen MS, Nolte IM, O'Connor GT, Ogunniyi A, Padmanabhan S, Palmas WR, Pankow JS, Patarcic I, Pavani F, Peyser PA, Pietilainen K, Poulter N, Prokopenko I, Ralhan S, Redmond P, Rich SS, Rissanen H, Robino A, Rose LM, Rose R, Sala C, Salako B, Salomaa V, Sarin AP, Saxena R, Schmidt H, Scott LJ, Scott WR, Sennblad B, Seshadri S, Sever P, Shrestha S, Smith BH, Smith JA, Soranzo N, Sotoodehnia N, Southam L, Stanton AV, Stathopoulou MG, Strauch K, Strawbridge RJ, Suderman MJ, Tandon N, Tang ST, Taylor KD, Tayo BO, Töglhofer AM, Tomaszewski M, Tšernikova N, Tuomilehto J, Uitterlinden AG, Vaidya D, van Hylckama Vlieg A, van Setten J, Vasankari T, Vedantam S, Vlachopoulou E, Vozzi D, Vuoksimaa E, Waldenberger M, Ware EB, Wentworth-Shields W, Whitfield JB, Wild S, Willemsen G, Yajnik CS, Yao J, Zaza G, Zhu X; BioBank Japan Project, Salem RM, Melbye M, Bisgaard H, Samani NJ, Cusi D, Mackey DA, Cooper RS, Froguel P, Pasterkamp G, Grant SF, Hakonarson H, Ferrucci L, Scott RA, Morris AD, Palmer CN, Dedoussis G, Deloukas P, Bertram L, Lindenberger U, Berndt SI, Lindgren CM, Timpson NJ, Tönjes A, Munroe PB, Sørensen TI, Rotimi CN, Arnett DK, Oldehinkel AJ, Kardia SL, Balkau B, Gambaro G, Morris AP, Eriksson JG, Wright MJ, Martin NG, Hunt SC, Starr JM, Deary IJ, Griffiths LR, Tiemeier H, Pirastu N, Kaprio J, Wareham NJ, Pérusse L, Wilson JG, Girotto G, Caulfield MJ, Raitakari O, Boomsma DI, Gieger C, van der Harst P, Hicks AA, Kraft P, Sinisalo J, Knekt P, Johannesson M, Magnusson PK, Hamsten A, Schmidt R, Borecki IB, Vartiainen E, Becker DM, Bharadwaj D, Mohlke KL, Boehnke M, van Duijn CM, Sanghera DK, Teumer A, Zeggini E, Metspalu A, Gasparini P, Ulivi S, Ober C, Toniolo D, Rudan I, Porteous DJ, Ciullo M, Spector TD, Hayward C, Dupuis J, Loos RJ,

Wright AF, Chandak GR, Vollenweider P, Shuldiner AR, Ridker PM, Rotter JI, Sattar N, Gyllensten U, North KE, Pirastu M, Psaty BM, Weir DR, Laakso M, Gudnason V, Takahashi A, Chambers JC, Kooner JS, Strachan DP, Campbell H, Hirschhorn JN, Perola M, Polašek O, Wilson JF. Directional dominance on stature and cognition in diverse human populations. Nature. 2015 Jul 1. doi: 10.1038/nature14618. [Epub ahead of print]

Bihlmeyer NA, Brody JA, Smith AV, Lunetta KL, Nalls M, Smith JA, Tanaka T, Davies G, Yu L, Mirza SS, Teumer A, Coresh J, Pankow JS, **Franceschini N**, Scaria A, Oshima J, Psaty BM, Gudnason V, Eiriksdottir G, Harris TB, Li H, Karasik D, Kiel DP, Garcia M, Liu Y, Faul JD, Kardia SL, Zhao W, Ferrucci L, Allerhand M, Liewald DC, Redmond P, Starr JM, De Jager PL, Evans DA, Direk N, Ikram MA, Uitterlinden A, Homuth G, Lorbeer R, Grabe HJ, Launer L, Murabito JM, Singleton AB, Weir DR, Bandinelli S, Deary IJ, Bennett DA, Tiemeier H, Kocher T, Lumley T, Arking DE. Genetic diversity is a predictor of mortality in humans. *BMC Genet.* 2014 Dec 29;15:159.

Franceschini N, Gouskova NA, Reiner AP, Bostom A, Howard BV, Pettinger M, Umans JG, Brookhart MA, Winkelmayer WC, Eaton CB, Heiss G, Fine JP. Adiposity Patterns and the Risk for ESRD in Postmenopausal Women Clin J Am Soc Nephrol. 2015;10(2):241-50. (WHI publication of the month at: www.whi.org/Stories/Adiposity%20patterns%20and%20the%20risk%20for%20ESRD%20in%20postmenopausal%20women.aspx)

Franceschini N, Hu Y, Reiner AP, Buyske S, Nalls M, Yanek LR, Li Y, Hindorff LA, Cole SA, Howard BV, Stafford JM, Carty CL, Sethupathy P, Martin LW, Lin DY, Johnson KC, Becker LC, North KE, Dehghan A, Bis JC, Liu Y, Greenland P, Manson JE, Maeda N, Garcia M, Harris TB, Becker DM, O'Donnell C, Heiss G, Kooperberg C, Boerwinkle E. Prospective Associations of Coronary Heart Disease Loci in African Americans Using the MetaboChip: The PAGE Study. PLoS One. 2014 Dec 26;9(12):e113203.

Zhu X, Feng T, Tayo BO, Liang J, Young JH, **Franceschini N**, Smith JA, Yanek LR, Sun YV, Edwards TL, Chen W, Nalls M, Fox E, Sale M, Bottinger E, Rotimi C; COGENT BP Consortium, Liu Y, McKnight B, Liu K, Arnett DK, Chakravati A, Cooper RS, Redline S. Meta-analysis of correlated traits via summary statistics from GWASs with an application in hypertension. *Am J Hum Genet*. 2015 Jan 8;96(1):21-36.

Bihlmeyer NA, Brody JA, Smith A, Lunetta KL, Nalls M, Smith JA, Tanaka T, Davies G, Yu L, Mirza S, Teumer A, Coresh J, Pankow JS, **Franceschini N**, Scaria A, Oshima J, Psaty BM, Gudnason V, Eiriksdottir G, Harris TB, Li H, Karasik D, Kiel DP, Garcia M, Liu Y, Faul JD, Kardia S, Zhao W, Ferrucci L, Allerhand M, Liewald DC, Redmond P, Starr JM, De Jager PL, Evans DA, Direk N, Ikram M, Uitterlinden A, Homuth G, Lorbeer R, Grabe HJ, Launer L, Murabito JM, Singleton AB, Weir DR, Bandinelli S, Deary IJ, Bennett DA, Tiemeier H, Kocher T, Lumley T, Arking DE. Genetic diversity is a predictor of mortality in humans. *BMC Genet.* 2014 Dec 29;15(1):1274.

Tsai CW, North KE, Tin A, Haack K, **Franceschini N**, Saroja Voruganti V, Laston S, Zhang Y, Best LG, MacCluer JW, Beaty TH, Navas-Acien A, Linda Kao WH, Howard BV.

Both rare and common variants in PCSK9 influence plasma low-density lipoprotein cholesterol level in American Indians. *J Clin Endocrinol Metab.* 2015 Feb;100(2):E345-9.

Naik RP, Derebail VK, Grams ME, **Franceschini N**, Auer PL, Peloso GM, Young BA, Lettre G, Peralta CA, Katz R, Hyacinth HI, Quarells RC, Grove ML, Bick AG, Fontanillas P, Rich SS, Smith JD, Boerwinkle E, Rosamond WD, Ito K, Lanzkron S, Coresh J, Correa A, Sarto GE, Key NS, Jacobs DR, Kathiresan S, Bibbins-Domingo K, Kshirsagar AV, Wilson JG, Reiner AP. Association of Sickle Cell Trait with Chronic Kidney Disease and Albuminuria in African Americans. *JAMA.* 2014 Nov 26;312(20):2115-25.

Franceschini N, Tao R, Liu L, Rutherford S, Haack K, Almasy L, Göring HHH, Laston S, Lee ET, Best LG, Fabsitz R, Cole SA, North KE. Mapping of a Blood Pressure QTL on Chromosome 17 in American Indians of the Strong Heart Family Study. *BMC Cardiovascular Disorders,* 2014, Nov 11;14(1):158.

Zaitlen N, Pasaniuc B, Sankararaman S, Bhatia G, Zhang J, Gusev A, Young T, Tandon A, Pollack S, Vilhjálmsson BJ, Assimes TL, Berndt SI, Blot WJ, Chanock S, **Franceschini N**, Goodman PG, He J, Hennis AJ, Hsing A, Ingles SA, Isaacs W, Kittles RA, Klein EA, Lange LA, Nemesure B, Patterson N, Reich D, Rybicki BA, Stanford JL, Stevens VL, Strom SS, Whitsel EA, Witte JS, Xu J, Haiman C, Wilson JG, Kooperberg C, Stram D, Reiner AP, Tang H, Price AL. Leveraging population admixture to characterize the heritability of complex traits. *Nat Genet.* 2014 Dec;46(12):1356-62.

Wang YJ, Tayo BO, Bandyopadhyay A, Wang H, Feng T, **Franceschini N**, Tang H, Gao J, Sung YJ; COGENT BP consortium, Elston RC, Williams SM, Cooper RS, Mu TW, Zhu X. The association of the vanin-1 N131S variant with blood pressure is mediated by endoplasmic reticulum-associated degradation and loss of function. *PLoS Genet.* 2014;10(9):e1004641.

Perry JR, Day F, Elks CE, Sulem P, Thompson DJ, Ferreira T, He C, Chasman DI, Esko T, Thorleifsson G, Albrecht E, Ang WQ, Corre T, Cousminer DL, Feenstra B, **Franceschini N**, Ganna A, Johnson AD, Kjellqvist S, Lunetta KL, McMahon G, Nolte IM, Paternoster L, Porcu E, Smith AV, Stolk L, Teumer A, Tšernikova N, Tikkanen E, Ulivi S, Wagner EK, Amin N, Bierut LJ, Byrne EM, Hottenga JJ, Koller DL, Mangino M, Pers TH, Yerges-Armstrong LM, Hua Zhao J, Andrulis IL, Anton-Culver H, Atsma F, Bandinelli S, Beckmann MW, Benitez J, Blomqvist C, Bojesen SE, Bolla MK, Bonanni B, Brauch H, Brenner H, Buring JE, Chang-Claude J, Chanock S, Chen J, Chenevix-Trench G, Collée JM, Couch FJ, Couper D, Coviello AD, Cox A, Czene K, D'adamo AP, Davey Smith G, De Vivo I, Demerath EW, Dennis J, Devilee P, Dieffenbach AK, Dunning AM, Eiriksdottir G, Eriksson JG, Fasching PA, Ferrucci L, Flesch-Janys D, Flyger H, Foroud T, Franke L, Garcia ME, García-Closas M, Geller F, de Geus EE, Giles GG, Gudbjartsson DF, Gudnason V, Guénel P, Guo S, Hall P, Hamann U, Haring R, Hartman CA, Heath AC, Hofman A, Hooning MJ, Hopper JL, Hu FB, Hunter DJ, Karasik D, Kiel DP, Knight JA, Kosma VM, Kutalik Z, Lai S, Lambrechts D, Lindblom A, Mägi R, Magnusson PK, Mannermaa A, Martin NG, Masson G, McArdle PF, McArdle WL, Melbye M, Michailidou K, Mihailov E, Milani L, Milne RL, Nevanlinna H, Neven P, Nohr EA, Oldehinkel AJ, Oostra BA, Palotie

A, Peacock M, Pedersen NL, Peterlongo P, Peto J, Pharoah PD, Postma DS, Pouta A, Pylkäs K, Radice P, Ring S, Rivadeneira F, Robino A, Rose LM, Rudolph A, Salomaa V, Sanna S, Schlessinger D, Schmidt MK, Southey MC, Sovio U, Stampfer MJ, Stöckl D, Storniolo AM, Timpson NJ, Tyrer J, Visser JA, Vollenweider P, Völzke H, Waeber G, Waldenberger M, Wallaschofski H, Wang Q, Willemsen G, Winqvist R, Wolffenbuttel BH, Wright MJ; Australian Ovarian Cancer Study; GENICA Network; kConFab; LifeLines Cohort Study; InterAct Consortium; Early Growth Genetics (EGG) Consortium, Boomsma DI, Econs MJ, Khaw KT, Loos RJ, McCarthy MI, Montgomery GW, Rice JP, Streeten EA, Thorsteinsdottir U, van Duijn CM, Alizadeh BZ, Bergmann S, Boerwinkle E, Boyd HA, Crisponi L, Gasparini P, Gieger C, Harris TB, Ingelsson E, Järvelin MR, Kraft P, Lawlor D, Metspalu A, Pennell CE, Ridker PM, Snieder H, Sørensen TI, Spector TD, Strachan DP, Uitterlinden AG, Wareham NJ, Widen E, Zygmunt M, Murray A, Easton DF, Stefansson K, Murabito JM, Ong KK. Parent-of-origin-specific allelic associations among 106 genomic loci for age at menarche. *Nature.* 2014;514(7520):92-7.

Crosby J, Peloso GM, Auer PL, Crosslin DR, Stitziel NO, Lange LA, Lu Y, Tang ZZ, Zhang H, Hindy G, Masca N, Stirrups K, Kanoni S, Do R, Jun G, Hu Y, Kang HM, Xue C, Goel A, Farrall M, Duga S, Merlini PA, Asselta R, Girelli D, Olivieri O, Martinelli N, Yin W, Reilly D, Speliotes E, Fox CS, Hveem K, Holmen OL, Nikpay M, Farlow DN, Assimes TL, **Franceschini N**, Robinson J, North KE, Martin LW, DePristo M, Gupta N, Escher SA, Jansson JH, Van Zuydam N, Palmer CN, Wareham N, Koch W, Meitinger T, Peters A, Lieb W, Erbel R, Konig IR, Kruppa J, Degenhardt F, Gottesman O, Bottinger EP, O'Donnell CJ, Psaty BM, Ballantyne CM, Abecasis G, Ordovas JM, Melander O, Watkins H, Orho-Melander M, Ardissino D, Loos RJ, McPherson R, Willer CJ, Erdmann J, Hall AS, Samani NJ, Deloukas P, Schunkert H, Wilson JG, Kooperberg C, Rich SS, Tracy RP, Lin DY, Altshuler D, Gabriel S, Nickerson DA, Jarvik GP, Cupples LA, Reiner AP, Boerwinkle E, Kathiresan S. Loss-of-function mutations in apoc3, triglycerides, and coronary disease. *N Engl J Med*. 2014;371:22-31

Ferrara LA, Wang H, Umans JG, **Franceschini N**, Jolly S, Lee ET, Yeh J, Devereux RB, Howard BV, de Simone G. Serum uric acid does not predict incident metabolic syndrome in a population with high prevalence of obesity. *Nutr Metab Cardiovasc Dis.* 2014 Dec;24(12):1360-4.

Zhu Y, Yang J, Li S, Cole SA, Haack K, Umans JG, **Franceschini N**, Howard BV, Lee ET, Zhao J. Genetic variants in nicotinic acetylcholine receptor genes jointly contribute to kidney function in American Indians: The strong heart family study. *J Hypertens*. 2014;32:1042-1048; discussion 1049

Yaghootkar H, Scott RA, White CC, Zhang W, Speliotes E, Munroe PB, Ehret GB, Bis JC, Fox CS, Walker M, Borecki IB, Knowles JW, Yerges-Armstrong L, Ohlsson C, Perry JR, Chambers JC, Kooner JS, **Franceschini N**, Langenberg C, Hivert MF, Dastani Z, Richards JB, Semple RK, Frayling TM. Genetic evidence for a normal-weight "metabolically obese" phenotype linking insulin resistance, hypertension, coronary artery disease and type 2 diabetes. *Diabetes*. 2014 Dec;63(12):4369-77.

Voruganti VS, **Franceschini N**, Haack K, Laston S, MacCluer JW, Umans JG, Comuzzie AG, North KE, Cole SA. Replication of the effect of *SLC2A9* genetic variation on serum uric acid levels in American Indians. *Eur J Hum Genet*. 2014;22:938-943

Tragante V, Barnes MR, Ganesh SK, Lanktree MB, Guo W, **Franceschini N**, Smith EN, Johnson T, Holmes MV, Padmanabhan S, Karczewski KJ, Almoguera B, Barnard J, Baumert J, Chang YP, Elbers CC, Farrall M, Fischer ME, Gaunt TR, Gho JM, Gieger C, Goel A, Gong Y, Isaacs A, Kleber ME, Mateo Leach I, McDonough CW, Meijs MF, Melander O, Nelson CP, Nolte IM, Pankratz N, Price TS, Shaffer J, Shah S, Tomaszewski M, van der Most PJ, Van Iperen EP, Vonk JM, Witkowska K, Wong CO, Zhang L, Beitelshees AL, Berenson GS, Bhatt DL, Brown M, Burt A, Cooper-DeHoff RM, Connell JM, Cruickshanks KJ, Curtis SP, Davey-Smith G, Delles C, Gansevoort RT, Guo X, Haiqing S, Hastie CE, Hofker MH, Hovingh GK, Kim DS, Kirkland SA, Klein BE, Klein R, Li YR, Maiwald S, Newton-Cheh C, O'Brien ET, Onland-Moret NC, Palmas W, Parsa A, Penninx BW, Pettinger M, Vasan RS, Ranchalis JE, P MR, Rose LM, Sever P, Shimbo D, Steele L, Stolk RP, Thorand B, Trip MD, van Duijn CM, Verschuren WM, Wijmenga C, Wyatt S, Young JH, Zwinderman AH, Bezzina CR, Boerwinkle E, Casas JP, Caulfield MJ, Chakravarti A, Chasman DI, Davidson KW, Doevendans PA, Dominiczak AF, FitzGerald GA, Gums JG, Fornage M, Hakonarson H, Halder I, Hillege HL, Illig T, Jarvik GP, Johnson JA, Kastelein JJ, Koenig W, Kumari M, Marz W, Murray SS, O'Connell JR, Oldehinkel AJ, Pankow JS, Rader DJ, Redline S, Reilly MP, Schadt EE, Kottke-Marchant K, Snieder H, Snyder M, Stanton AV, Tobin MD, Uitterlinden AG, van der Harst P, van der Schouw YT, Samani NJ, Watkins H, Johnson AD, Reiner AP, Zhu X, de Bakker PI, Levy D, Asselbergs FW, Munroe PB, Keating BJ. Gene-centric meta-analysis in 87,736 individuals of european ancestry identifies multiple blood-pressure-related loci. *Am J Hum Genet*. 2014;94:349-360

Tang W, Kowgier M, Loth DW, Soler Artigas M, Joubert BR, Hodge E, Gharib SA, Smith AV, Ruczinski I, Gudnason V, Mathias RA, Harris TB, Hansel NN, Launer LJ, Barnes KC, Hansen JG, Albrecht E, Aldrich MC, Allerhand M, Barr RG, Brusselle GG, Couper DJ, Curjuric I, Davies G, Deary IJ, Dupuis J, Fall T, Foy M, **Franceschini N**, Gao W, Glaser S, Gu X, Hancock DB, Heinrich J, Hofman A, Imboden M, Ingelsson E, James A, Karrasch S, Koch B, Kritchevsky SB, Kumar A, Lahousse L, Li G, Lind L, Lindgren C, Liu Y, Lohman K, Lumley T, McArdle WL, Meibohm B, Morris AP, Morrison AC, Musk B, North KE, Palmer LJ, Probst-Hensch NM, Psaty BM, Rivadeneira F, Rotter JI, Schulz H, Smith LJ, Sood A, Starr JM, Strachan DP, Teumer A, Uitterlinden AG, Volzke H, Voorman A, Wain LV, Wells MT, Wilk JB, Williams OD, Heckbert SR, Stricker BH, London SJ, Fornage M, Tobin MD, GT OC, Hall IP, Cassano PA. Large-scale genome-wide association studies and meta-analyses of longitudinal change in adult lung function. *PLoS One*. 2014;9:e100776

Loth DW*, Artigas MS*, Gharib SA*, Wain LV*, **Franceschini N***, Koch B, Pottinger TD, Smith AV, Duan Q, Oldmeadow C, Lee MK, Strachan DP, James AL, Huffman JE, Vitart V, Ramasamy A, Wareham NJ, Kaprio J, Wang XQ, Trochet H, Kahonen M, Flexeder C, Albrecht E, Lopez LM, de Jong K, Thyagarajan B, Alves AC, Enroth S, Omenaas E, Joshi PK, Fall T, Vinuela A, Launer LJ, Loehr LR, Fornage M, Li G, Wilk JB, Tang W, Manichaikul A, Lahousse L, Harris TB, North KE, Rudnicka AR, Hui J, Gu X, Lumley T, Wright AF, Hastie ND, Campbell S, Kumar R, Pin I, Scott RA, Pietilainen KH, Surakka I,

Liu Y, Holliday EG, Schulz H, Heinrich J, Davies G, Vonk JM, Wojczynski M, Pouta A, Johansson A, Wild SH, Ingelsson E, Rivadeneira F, Volzke H, Hysi PG, Eiriksdottir G, Morrison AC, Rotter JI, Gao W, Postma DS, White WB, Rich SS, Hofman A, Aspelund T, Couper D, Smith LJ, Psaty BM, Lohman K, Burchard EG, Uitterlinden AG, Garcia M, Joubert BR, McArdle WL, Musk AB, Hansel N, Heckbert SR, Zgaga L, van Meurs JB, Navarro P, Rudan I, Oh YM, Redline S, Jarvis DL, Zhao JH, Rantanen T, O'Connor GT, Ripatti S, Scott RJ, Karrasch S, Grallert H, Gaddis NC, Starr JM, Wijmenga C, Minster RL, Lederer DJ, Pekkanen J, Gyllensten U, Campbell H, Morris AP, Glaser S, Hammond CJ, Burkart KM, Beilby J, Kritchevsky SB, Gudnason V, Hancock DB, Williams OD, Polasek O, Zemunik T, Kolcic I, Petrini MF, Wjst M, Kim WJ, Porteous DJ, Scotland G, Smith BH, Viljanen A, Heliovaara M, Attia JR, Sayers I, Hampel R, Gieger C, Deary IJ, Boezen HM, Newman A, Jarvelin MR, Wilson JF, Lind L, Stricker BH, Teumer A, Spector TD, Melen E, Peters MJ, Lange LA, Barr RG, Bracke KR, Verhamme FM, Sung J, Hiemstra PS, Cassano PA, Sood A, Hayward C, Dupuis J, Hall IP, Brusselle GG, Tobin MD, London SJ. Genome-wide association analysis identifies six new loci associated with forced vital capacity. *Nat Genet*. 2014;46:669-677

London SJ, Gao W, Gharib SA, Hancock DB, Wilk JB, House JS, Gibbs RA, Muzny DM, Lumley T, **Franceschini N**, North KE, Psaty BM, Kovar CL, Coresh J, Zhou Y, Heckbert SR, Brody JA, Morrison AC, Dupuis J. Adam19 and htr4 variants and pulmonary function: Cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium targeted sequencing study. *Circ Cardiovasc Genet*. 2014;7:350-358

Lange LA, Hu Y, Zhang H, Xue C, Schmidt EM, Tang ZZ, Bizon C, Lange EM, Smith JD, Turner EH, Jun G, Kang HM, Peloso G, Auer P, Li KP, Flannick J, Zhang J, Fuchsberger C, Gaulton K, Lindgren C, Locke A, Manning A, Sim X, Rivas MA, Holmen OL, Gottesman O, Lu Y, Ruderfer D, Stahl EA, Duan Q, Li Y, Durda P, Jiao S, Isaacs A, Hofman A, Bis JC, Correa A, Griswold ME, Jakobsdottir J, Smith AV, Schreiner PJ, Feitosa MF, Zhang Q, Huffman JE, Crosby J, Wassel CL, Do R, **Franceschini N**, Martin LW, Robinson JG, Assimes TL, Crosslin DR, Rosenthal EA, Tsai M, Rieder MJ, Farlow DN, Folsom AR, Lumley T, Fox ER, Carlson CS, Peters U, Jackson RD, van Duijn CM, Uitterlinden AG, Levy D, Rotter JI, Taylor HA, Gudnason V, Jr., Siscovick DS, Fornage M, Borecki IB, Hayward C, Rudan I, Chen YE, Bottinger EP, Loos RJ, Saetrom P, Hveem K, Boehnke M, Groop L, McCarthy M, Meitinger T, Ballantyne CM, Gabriel SB, O'Donnell CJ, Post WS, North KE, Reiner AP, Boerwinkle E, Psaty BM, Altshuler D, Kathiresan S, Lin DY, Jarvik GP, Cupples LA, Kooperberg C, Wilson JG, Nickerson DA, Abecasis GR, Rich SS, Tracy RP, Willer CJ. Whole-exome sequencing identifies rare and low-frequency coding variants associated with ldl cholesterol. *Am J Hum Genet*. 2014;94:233-245

Franceschini N, Haack K, Almasy L, Laston S, Lee ET, Best LG, Fabsitz RR, MacCluer JW, Howard BV, Umans JG, Cole SA. Generalization of associations of kidney-related genetic loci to American Indians. *Clin J Am Soc Nephrol*. 2014;9:150-158

Du M, Auer PL, Jiao S, Haessler J, Altshuler D, Boerwinkle E, Carlson CS, Carty CL, Chen YD, Curtis K, **Franceschini N**, Hsu L, Jackson R, Lange LA, Lettre G, Monda KL, Nickerson DA, Reiner AP, Rich SS, Rosse SA, Rotter JI, Willer CJ, Wilson JG, North K, Kooperberg C, Heard-Costa N, Peters U. Whole-exome imputation of sequence variants

identified two novel alleles associated with adult body height in african americans. *Hum Mol Genet*. 2014 Dec 15;23(24):6607-15.

Chen CT, Liu CT, Chen GK, Andrews JS, Arnold AM, Dreyfus J, **Franceschini N**, Garcia ME, Kerr KF, Li G, Lohman KK, Musani SK, Nalls MA, Raffel LJ, Smith J, Ambrosone CB, Bandera EV, Bernstein L, Britton A, Brzyski RG, Cappola A, Carlson CS, Couper D, Deming SL, Goodarzi MO, Heiss G, John EM, Lu X, Le Marchand L, Marciante K, McKnight B, Millikan R, Nock NL, Olshan AF, Press MF, Vaiyda D, Woods NF, Taylor HA, Zhao W, Zheng W, Evans MK, Harris TB, Henderson BE, Kardia SL, Kooperberg C, Liu Y, Mosley TH, Psaty B, Wellons M, Windham BG, Zonderman AB, Cupples LA, Demerath EW, Haiman C, Murabito JM, Rajkovic A. Meta-analysis of loci associated with age at natural menopause in african-american women. *Hum Mol Genet*. 2014;23:3327-3342

Bis JC*, White CC*, **Franceschini N***, Brody J, Zhang X, Muzny D, Santibanez J, Gibbs R, Liu X, Lin H, Boerwinkle E, Psaty BM, North KE, Cupples LA, O'Donnell CJ. Sequencing of 2 subclinical atherosclerosis candidate regions in 3669 individuals: Cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium targeted sequencing study. *Circ Cardiovasc Genet*. 2014;7:359-364

Zhang L, Spencer KL, Voruganti VS, Jorgensen NW, Fornage M, Best LG, Brown-Gentry KD, Cole SA, Crawford DC, Deelman E, **Franceschini N**, Gaffo AL, Glenn KR, Heiss G, Jenny NS, Kottgen A, Li Q, Liu K, Matise TC, North KE, Umans JG, Kao WH. Association of functional polymorphism rs2231142 (Q141K) in the *ABCG2* gene with serum uric acid and gout in 4 us populations: The page study. *Am J Epidemiol*. 2013;177:923-932

Zhang L, Buzkova P, Wassel CL, Roman MJ, North KE, Crawford DC, Boston J, Brown-Gentry KD, Cole SA, Deelman E, Goodloe R, Wilson S, Heiss G, Jenny NS, Jorgensen NW, Matise TC, McClellan BE, Jr., Nato AQ, Jr., Ritchie MD, **Franceschini N**, Kao WH. Lack of associations of ten candidate coronary heart disease risk genetic variants and subclinical atherosclerosis in four us populations: The population architecture using genomics and epidemiology (PAGE) study. *Atherosclerosis*. 2013;228:390-399

Wu Y, Waite LL, Jackson AU, Sheu WH, Buyske S, Absher D, Arnett DK, Boerwinkle E, Bonnycastle LL, Carty CL, Cheng I, Cochran B, Croteau-Chonka DC, Dumitrescu L, Eaton CB, **Franceschini N**, Guo X, Henderson BE, Hindorff LA, Kim E, Kinnunen L, Komulainen P, Lee WJ, Le Marchand L, Lin Y, Lindstrom J, Lingaas-Holmen O, Mitchell SL, Narisu N, Robinson JG, Schumacher F, Stancakova A, Sundvall J, Sung YJ, Swift AJ, Wang WC, Wilkens L, Wilsgaard T, Young AM, Adair LS, Ballantyne CM, Buzkova P, Chakravarti A, Collins FS, Duggan D, Feranil AB, Ho LT, Hung YJ, Hunt SC, Hveem K, Juang JM, Kesaniemi AY, Kuusisto J, Laakso M, Lakka TA, Lee IT, Leppert MF, Matise TC, Moilanen L, Njolstad I, Peters U, Quertermous T, Rauramaa R, Rotter JI, Saramies J, Tuomilehto J, Uusitupa M, Wang TD, Boehnke M, Haiman CA, Chen YD, Kooperberg C, Assimes TL, Crawford DC, Hsiung CA, North KE, Mohlke KL. Trans-ethnic fine-mapping of lipid loci identifies population-specific signals and allelic heterogeneity that increases the trait variance explained. *PLoS Genet*. 2013;9:e1003379

Tin A, Colantuoni E, Boerwinkle E, Kottgen A, **Franceschini N**, Astor BC, Coresh J, Kao WH. Using multiple measures for quantitative trait association analyses: Application to estimated glomerular filtration rate. *J Hum Genet*. 2013;58:461-466

Tellez-Plaza M, Gribble MO, Voruganti VS, Francesconi KA, Goessler W, Umans JG, Silbergeld EK, Guallar E, **Franceschini N**, North KE, Kao WH, MacCluer JW, Cole SA, Navas-Acien A. Heritability and preliminary genome-wide linkage analysis of arsenic metabolites in urine. *Environ Health Perspect*. 2013;121:345-351

Taylor KC, Carty CL, Dumitrescu L, Buzkova P, Cole SA, Hindorff L, Schumacher FR, Wilkens LR, Shohet RV, Quibrera PM, Johnson KC, Henderson BE, Haessler J, **Franceschini N**, Eaton CB, Duggan DJ, Cochran B, Cheng I, Carlson CS, Brown-Gentry K, Anderson G, Ambite JL, Haiman C, Le Marchand L, Kooperberg C, Crawford DC, Buyske S, North KE, Fornage M. Investigation of gene-by-sex interactions for lipid traits in diverse populations from the population architecture using genomics and epidemiology study. *BMC Genet*. 2013;14:33

Stephens SH, Hartz SM, Hoft NR, Saccone NL, Corley RC, Hewitt JK, Hopfer CJ, Breslau N, Coon H, Chen X, Ducci F, Dueker N, **Franceschini N**, Frank J, Han Y, Hansel NN, Jiang C, Korhonen T, Lind PA, Liu J, Lyytikainen LP, Michel M, Shaffer JR, Short SE, Sun J, Teumer A, Thompson JR, Vogelzangs N, Vink JM, Wenzlaff A, Wheeler W, Yang BZ, Aggen SH, Balmforth AJ, Baumeister SE, Beaty TH, Benjamin DJ, Bergen AW, Broms U, Cesarini D, Chatterjee N, Chen J, Cheng YC, Cichon S, Couper D, Cucca F, Dick D, Foroud T, Furberg H, Giegling I, Gillespie NA, Gu F, Hall AS, Hallfors J, Han S, Hartmann AM, Heikkila K, Hickie IB, Hottenga JJ, Jousilahti P, Kaakinen M, Kahonen M, Koellinger PD, Kittner S, Konte B, Landi MT, Laatikainen T, Leppert M, Levy SM, Mathias RA, McNeil DW, Medland SE, Montgomery GW, Murray T, Nauck M, North KE, Pare PD, Pergadia M, Ruczinski I, Salomaa V, Viikari J, Willemsen G, Barnes KC, Boerwinkle E, Boomsma DI, Caporaso N, Edenberg HJ, Francks C, Gelernter J, Grabe HJ, Hops H, Jarvelin MR, Johannesson M, Kendler KS, Lehtimaki T, Magnusson PK, Marazita ML, Marchini J, Mitchell BD, Nothen MM, Penninx BW, Raitakari O, Rietschel M, Rujescu D, Samani NJ, Schwartz AG, Shete S, Spitz M, Swan GE, Volzke H, Veijola J, Wei Q, Amos C, Cannon DS, Grucza R, Hatsukami D, Heath A, Johnson EO, Kaprio J, Madden P, Martin NG, Stevens VL, Weiss RB, Kraft P, Bierut LJ, Ehringer MA. Distinct loci in the chrna5/chrna3/chrnb4 gene cluster are associated with onset of regular smoking. *Genet Epidemiol*. 2013;37:846-859

Spencer KL, Malinowski J, Carty CL, **Franceschini N**, Fernandez-Rhodes L, Young A, Cheng I, Ritchie MD, Haiman CA, Wilkens L, Chunyuanwu, Matise TC, Carlson CS, Brennan K, Park A, Rajkovic A, Hindorff LA, Buyske S, Crawford DC. Genetic variation and reproductive timing: African american women from the population architecture using genomics and epidemiology (PAGE) study. *PLoS One*. 2013;8:e55258

Perry JR, Corre T, Esko T, Chasman DI, Fischer K, **Franceschini N**, He C, Kutalik Z, Mangino M, Rose LM, Vernon Smith A, Stolk L, Sulem P, Weedon MN, Zhuang WV, Arnold A, Ashworth A, Bergmann S, Buring JE, Burri A, Chen C, Cornelis MC, Couper DJ, Goodarzi MO, Gudnason V, Harris T, Hofman A, Jones M, Kraft P, Launer L, Laven JS, Li G, McKnight B, Masciullo C, Milani L, Orr N, Psaty BM, Ridker PM, Rivadeneira F, Sala C, Salumets A, Schoemaker M, Traglia M, Waeber G, Chanock SJ, Demerath EW, Garcia M, Hankinson SE, Hu FB, Hunter DJ, Lunetta KL, Metspalu A, Montgomery GW, Murabito JM, Newman AB, Ong KK, Spector TD, Stefansson K, Swerdlow AJ, Thorsteinsdottir U, Van Dam RM, Uitterlinden AG, Visser JA, Vollenweider P, Toniolo D, Murray A. A

genome-wide association study of early menopause and the combined impact of identified variants. *Hum Mol Genet*. 2013;22:1465-1472

Masica AL, Ewen E, Daoud YA, Cheng D, **Franceschini N**, Kudyakov RE, Bowen JR, Brouwer ES, Wallace D, Fleming NS, West SL. Comparative effectiveness research using electronic health records: Impacts of oral antidiabetic drugs on the development of chronic kidney disease. *Pharmacoepidemiol Drug Saf*. 2013;22:413-422

Ho JE, Chen WY, Chen MH, Larson MG, McCabe EL, Cheng S, Ghorbani A, Coglianese E, Emilsson V, Johnson AD, Walter S, **Franceschini N**, O'Donnell CJ, Dehghan A, Lu C, Levy D, Newton-Cheh C, Lin H, Felix JF, Schreiter ER, Vasan RS, Januzzi JL, Lee RT, Wang TJ. Common genetic variation at the il1rl1 locus regulates il-33/st2 signaling. *J Clin Invest*. 2013;123:4208-4218

Graff M, North KE, **Franceschini N**, Reiner AP, Feitosa M, Carr JJ, Gordon-Larsen P, Wojczynski MK, Borecki IB. Pnpla3 gene-by-visceral adipose tissue volume interaction and the pathogenesis of fatty liver disease: The NHLBI Family Heart Study. *Int J Obes (Lond)*. 2013;37:432-438

Graff M, Gordon-Larsen P, Lim U, Fowke JH, Love SA, Fesinmeyer M, Wilkens LR, Vertilus S, Ritchie MD, Prentice RL, Pankow J, Monroe K, Manson JE, Le Marchand L, Kuller LH, Kolonel LN, Hong CP, Henderson BE, Haessler J, Gross MD, Goodloe R, **Franceschini N**, Carlson CS, Buyske S, Buzkova P, Hindorff LA, Matise TC, Crawford DC, Haiman CA, Peters U, North KE. The influence of obesity-related single nucleotide polymorphisms on bmi across the life course: The page study. *Diabetes*. 2013;62:1763-1767

Ganesh SK, Tragante V, Guo W, Guo Y, Lanktree MB, Smith EN, Johnson T, Castillo BA, Barnard J, Baumert J, Chang YP, Elbers CC, Farrall M, Fischer ME, **Franceschini N**, Gaunt TR, Gho JM, Gieger C, Gong Y, Isaacs A, Kleber ME, Mateo Leach I, McDonough CW, Meijs MF, Mellander O, Molony CM, Nolte IM, Padmanabhan S, Price TS, Rajagopalan R, Shaffer J, Shah S, Shen H, Soranzo N, van der Most PJ, Van Iperen EP, Van Setten J, Vonk JM, Zhang L, Beitelshees AL, Berenson GS, Bhatt DL, Boer JM, Boerwinkle E, Burkley B, Burt A, Chakravarti A, Chen W, Cooper-Dehoff RM, Curtis SP, Dreisbach A, Duggan D, Ehret GB, Fabsitz RR, Fornage M, Fox E, Furlong CE, Gansevoort RT, Hofker MH, Hovingh GK, Kirkland SA, Kottke-Marchant K, Kutlar A, Lacroix AZ, Langaee TY, Li YR, Lin H, Liu K, Maiwald S, Malik R, Murugesan G, Newton-Cheh C, O'Connell JR, Onland-Moret NC, Ouwehand WH, Palmas W, Penninx BW, Pepine CJ, Pettinger M, Polak JF, Ramachandran VS, Ranchalis J, Redline S, Ridker PM, Rose LM, Scharnag H, Schork NJ, Shimbo D, Shuldiner AR, Srinivasan SR, Stolk RP, Taylor HA, Thorand B, Trip MD, van Duijn CM, Verschuren WM, Wijmenga C, Winkelmann BR, Wyatt S, Young JH, Boehm BO, Caulfield MJ, Chasman DI, Davidson KW, Doevendans PA, Fitzgerald GA, Gums JG, Hakonarson H, Hillege HL, Illig T, Jarvik GP, Johnson JA, Kastelein JJ, Koenig W, Marz W, Mitchell BD, Murray SS, Oldehinkel AJ, Rader DJ, Reilly MP, Reiner AP, Schadt EE, Silverstein RL, Snieder H, Stanton AV, Uitterlinden AG, van der Harst P, van der Schouw YT, Samani NJ, Johnson AD, Munroe PB, de Bakker PI, Zhu X, Levy D, Keating BJ, Asselbergs FW. Loci influencing blood pressure identified using a cardiovascular gene-centric array. *Hum Mol Genet*. 2013;22:1663-1678

Franceschini N, Haack K, Goring HH, Voruganti VS, Laston S, Almasy L, Lee ET, Best LG, Fabsitz RR, North KE, Maccluer JW, Meigs JB, Pankow JS, Cole SA. Epidemiology and genetic determinants of progressive deterioration of glycaemia in american indians: The strong heart family study. *Diabetologia*. 2013;56:2194-2202

Franceschini N*, Fox E*, Zhang Z*, Edwards TL*, Nalls MA*, Sung YJ, Tayo BO, Sun YV, Gottesman O, Adeyemo A, Johnson AD, Young JH, Rice K, Duan Q, Chen F, Li Y, Tang H, Fornage M, Keene KL, Andrews JS, Smith JA, Faul JD, Guangfa Z, Guo W, Liu Y, Murray SS, Musani SK, Srinivasan S, Velez Edwards DR, Wang H, Becker LC, Bovet P, Bochud M, Broeckel U, Burnier M, Carty C, Chasman DI, Ehret G, Chen WM, Chen G, Chen W, Ding J, Dreisbach AW, Evans MK, Guo X, Garcia ME, Jensen R, Keller MF, Lettre G, Lotay V, Martin LW, Moore JH, Morrison AC, Mosley TH, Ogunniyi A, Palmas W, Papanicolaou G, Penman A, Polak JF, Ridker PM, Salako B, Singleton AB, Shriner D, Taylor KD, Vasan R, Wiggins K, Williams SM, Yanek LR, Zhao W, Zonderman AB, Becker DM, Berenson G, Boerwinkle E, Bottinger E, Cushman M, Eaton C, Nyberg F, Heiss G, Hirschhron JN, Howard VJ, Karczewsk KJ, Lanktree MB, Liu K, Loos R, Margolis K, Snyder M, Psaty BM, Schork NJ, Weir DR, Rotimi CN, Sale MM, Harris T, Kardia SL, Hunt SC, Arnett D, Redline S, Cooper RS, Risch NJ, Rao DC, Rotter JI, Chakravarti A, Reiner AP, Levy D, Keating BJ, Zhu X. Genome-wide association analysis of blood-pressure traits in african-ancestry individuals reveals common associated genes in african and non-african populations. *Am J Hum Genet*. 2013;93:545-554

Foster MC, Coresh J, Fornage M, Astor BC, Grams M, **Franceschini N**, Boerwinkle E, Parekh RS, Kao WH. Apol1 variants associate with increased risk of CKD among african americans. *J Am Soc Nephrol*. 2013;24:1484-1491

Fesinmeyer MD, North KE, Ritchie MD, Lim U, **Franceschini N**, Wilkens LR, Gross MD, Buzkova P, Glenn K, Quibrera PM, Fernandez-Rhodes L, Li Q, Fowke JH, Li R, Carlson CS, Prentice RL, Kuller LH, Manson JE, Matise TC, Cole SA, Chen CT, Howard BV, Kolonel LN, Henderson BE, Monroe KR, Crawford DC, Hindorff LA, Buyske S, Haiman CA, Le Marchand L, Peters U. Genetic risk factors for bmi and obesity in an ethnically diverse population: Results from the population architecture using genomics and epidemiology (page) study. *Obesity (Silver Spring)*. 2013;21:835-846

Fesinmeyer MD, North KE, Lim U, Buzkova P, Crawford DC, Haessler J, Gross MD, Fowke JH, Goodloe R, Love SA, Graff M, Carlson CS, Kuller LH, Matise TC, Hong CP, Henderson BE, Allen M, Rohde RR, Mayo P, Schnetz-Boutaud N, Monroe KR, Ritchie MD, Prentice RL, Kolonel LN, Manson JE, Pankow J, Hindorff LA, **Franceschini N**, Wilkens LR, Haiman CA, Le Marchand L, Peters U. Effects of smoking on the genetic risk of obesity: The population architecture using genomics and epidemiology study. *BMC Med Genet*. 2013;14:6

Fesinmeyer MD, Meigs JB, North KE, Schumacher FR, Buzkova P, **Franceschini N**, Haessler J, Goodloe R, Spencer KL, Voruganti VS, Howard BV, Jackson R, Kolonel LN, Liu S, Manson JE, Monroe KR, Mukamal K, Dilks HH, Pendergrass SA, Nato A, Wan P, Wilkens LR, Le Marchand L, Ambite JL, Buyske S, Florez JC, Crawford DC, Hindorff LA, Haiman CA, Peters U, Pankow JS. Genetic variants associated with fasting glucose and

insulin concentrations in an ethnically diverse population: Results from the population architecture using genomics and epidemiology (PAGE) study. *BMC Med Genet*. 2013;14:98

Fernandez-Rhodes L†, Demerath EW, Cousminer DL, Tao R, Dreyfus JG, Esko T, Smith AV, Gudnason V, Harris TB, Launer L, McArdle PF, Yerges-Armstrong LM, Elks CE, Strachan DP, Kutalik Z, Vollenweider P, Feenstra B, Boyd HA, Metspalu A, Mihailov E, Broer L, Zillikens MC, Oostra B, van Duijn CM, Lunetta KL, Perry JR, Murray A, Koller DL, Lai D, Corre T, Toniolo D, Albrecht E, Stockl D, Grallert H, Gieger C, Hayward C, Polasek O, Rudan I, Wilson JF, He C, Kraft P, Hu FB, Hunter DJ, Hottenga JJ, Willemsen G, Boomsma DI, Byrne EM, Martin NG, Montgomery GW, Warrington NM, Pennell CE, Stolk L, Visser JA, Hofman A, Uitterlinden AG, Rivadeneira F, Lin P, Fisher SL, Bierut LJ, Crisponi L, Porcu E, Mangino M, Zhai G, Spector TD, Buring JE, Rose LM, Ridker PM, Poole C, Hirschhorn JN, Murabito JM, Chasman DI, Widen E, North KE, Ong KK, **Franceschini N**. Association of adiposity genetic variants with menarche timing in 92,105 women of european descent. *Am J Epidemiol*. 2013;178:451-460

Dumitrescu L, Carty CL, **Franceschini N**, Hindorff LA, Cole SA, Buzkova P, Schumacher FR, Eaton CB, Goodloe RJ, Duggan DJ, Haessler J, Cochran B, Henderson BE, Cheng I, Johnson KC, Carlson CS, Love SA, Brown-Gentry K, Nato AQ, Quibrera M, Shohet RV, Ambite JL, Wilkens LR, Le Marchand L, Haiman CA, Buyske S, Kooperberg C, North KE, Fornage M, Crawford DC. No evidence of interaction between known lipid-associated genetic variants and smoking in the multi-ethnic page population. *Hum Genet*. 2013;132:1427-1431

Dumitrescu L, Carty CL, **Franceschini N**, Hindorff LA, Cole SA, Buzkova P, Schumacher FR, Eaton CB, Goodloe RJ, Duggan DJ, Haessler J, Cochran B, Henderson BE, Cheng I, Johnson KC, Carlson CS, Love SA, Brown-Gentry K, Nato AQ, Jr., Quibrera M, Anderson G, Shohet RV, Ambite JL, Wilkens LR, Marchand LL, Haiman CA, Buyske S, Kooperberg C, North KE, Fornage M, Crawford DC. Post-genome-wide association study challenges for lipid traits: Describing age as a modifier of gene-lipid associations in the population architecture using genomics and epidemiology (PAGE) study. *Ann Hum Genet*. 2013;77:416-425

Duan Q, Liu EY, Auer PL, Zhang G, Lange EM, Jun G, Bizon C, Jiao S, Buyske S, **Franceschini N**, Carlson CS, Hsu L, Reiner AP, Peters U, Haessler J, Curtis K, Wassel CL, Robinson JG, Martin LW, Haiman CA, Le Marchand L, Matise TC, Hindorff LA, Crawford DC, Assimes TL, Kang HM, Heiss G, Jackson RD, Kooperberg C, Wilson JG, Abecasis GR, North KE, Nickerson DA, Lange LA, Li Y. Imputation of coding variants in african americans: Better performance using data from the exome sequencing project. *Bioinformatics*. 2013;29:2744-2749

Demerath EW*, Liu CT*, **Franceschini N***, Chen G, Palmer JR, Smith EN, Chen CT, Ambrosone CB, Arnold AM, Bandera EV, Berenson GS, Bernstein L, Britton A, Cappola AR, Carlson CS, Chanock SJ, Chen W, Chen Z, Deming SL, Elks CE, Evans MK, Gajdos Z, Henderson BE, Hu JJ, Ingles S, John EM, Kerr KF, Kolonel LN, Le Marchand L, Lu X, Millikan RC, Musani SK, Nock NL, North K, Nyante S, Press MF, Rodriquez-Gil JL, Ruiz-Narvaez EA, Schork NJ, Srinivasan SR, Woods NF, Zheng W, Ziegler RG, Zonderman A, Heiss G, Gwen Windham B, Wellons M, Murray SS, Nalls M, Pastinen T, Rajkovic A,

Hirschhorn J, Adrienne Cupples L, Kooperberg C, Murabito JM, Haiman CA. Genome-wide association study of age at menarche in African-American women. *Hum Mol Genet*. 2013;22:3329-3346

Carty CL, Spencer KL, Setiawan VW, Fernandez-Rhodes L, Malinowski J, Buyske S, Young A, Jorgensen NW, Cheng I, Carlson CS, Brown-Gentry K, Goodloe R, Park A, Parikh NI, Henderson B, Le Marchand L, Wactawski-Wende J, Fornage M, Matise TC, Hindorff LA, Arnold AM, Haiman CA, **Franceschini N**, Peters U, Crawford DC. Replication of genetic loci for ages at menarche and menopause in the multi-ethnic population architecture using genomics and epidemiology (PAGE) study. *Hum Reprod*. 2013;28:1695-1706

Carlson CS, Matise TC, North KE, Haiman CA, Fesinmeyer MD, Buyske S, Schumacher FR, Peters U, **Franceschini N**, Ritchie MD, Duggan DJ, Spencer KL, Dumitrescu L, Eaton CB, Thomas F, Young A, Carty C, Heiss G, Le Marchand L, Crawford DC, Hindorff LA, Kooperberg CL. Generalization and dilution of association results from european GWAS in populations of non-European ancestry: The PAGE study. *PLoS Biol*. 2013;11:e1001661

Broer L, Demerath EW, Garcia ME, Homuth G, Kaplan RC, Lunetta KL, Tanaka T, Tranah GJ, Walter S, Arnold AM, Atzmon G, Harris TB, Hoffmann W, Karasik D, Kiel DP, Kocher T, Launer LJ, Lohman KK, Rotter JI, Tiemeier H, Uitterlinden AG, Wallaschofski H, Bandinelli S, Dorr M, Ferrucci L, **Franceschini N**, Gudnason V, Hofman A, Liu Y, Murabito JM, Newman AB, Oostra BA, Psaty BM, Smith AV, van Duijn CM. Association of heat shock proteins with all-cause mortality. *Age (Dordr)*. 2013;35:1367-1376

Williams JM, Johnson AC, Stelloh C, Dreisbach AW, **Franceschini N**, Regner KR, Townsend RR, Roman RJ, Garrett MR. Genetic variants in *arhgef11* are associated with kidney injury in the dahl salt-sensitive rat. *Hypertension*. 2012;60:1157-1168

Wilk JB, Shrine NR, Loehr LR, Zhao JH, Manichaikul A, Lopez LM, Smith AV, Heckbert SR, Smolonska J, Tang W, Loth DW, Curjuric I, Hui J, Cho MH, Latourelle JC, Henry AP, Aldrich M, Bakke P, Beaty TH, Bentley AR, Borecki IB, Brusselle GG, Burkart KM, Chen TH, Couper D, Crapo JD, Davies G, Dupuis J, **Franceschini N**, Gulsvik A, Hancock DB, Harris TB, Hofman A, Imboden M, James AL, Khaw KT, Lahousse L, Launer LJ, Litonjua A, Liu Y, Lohman KK, Lomas DA, Lumley T, Marciante KD, McArdle WL, Meibohm B, Morrison AC, Musk AW, Myers RH, North KE, Postma DS, Psaty BM, Rich SS, Rivadeneira F, Rochat T, Rotter JI, Artigas MS, Starr JM, Uitterlinden AG, Wareham NJ, Wijmenga C, Zanen P, Province MA, Silverman EK, Deary IJ, Palmer LJ, Cassano PA, Gudnason V, Barr RG, Loos RJ, Strachan DP, London SJ, Boezen HM, Probst-Hensch N, Gharib SA, Hall IP, O'Connor GT, Tobin MD, Stricker BH. Genome-wide association studies identify chrna5/3 and htr4 in the development of airflow obstruction. *Am J Respir Crit Care Med*. 2012;186:622-632

Wassel CL, Lamina C, Nambi V, Coassin S, Mukamal KJ, Ganesh SK, Jacobs DR, Jr., **Franceschini N**, Papanicolaou GJ, Gibson Q, Yanek LR, van der Harst P, Ferguson JF, Crawford DC, Waite LL, Allison MA, Criqui MH, McDermott MM, Mehra R, Cupples LA, Hwang SJ, Redline S, Kaplan RC, Heiss G, Rotter JI, Boerwinkle E, Taylor HA, Eraso LH, Haun M, Li M, Meisinger C, O'Connell JR, Shuldiner AR, Tybjaerg-Hansen A, Frikke-

Schmidt R, Kollerits B, Rantner B, Dieplinger B, Stadler M, Mueller T, Haltmayer M, Klein-Weigel P, Summerer M, Wichmann HE, Asselbergs FW, Navis G, Mateo Leach I, Brown-Gentry K, Goodloe R, Assimes TL, Becker DM, Cooke JP, Absher DM, Olin JW, Mitchell BD, Reilly MP, Mohler ER, 3rd, North KE, Reiner AP, Kronenberg F, Murabito JM. Genetic determinants of the ankle-brachial index: A meta-analysis of a cardiovascular candidate gene 50k snp panel in the candidate gene association resource (care) consortium. *Atherosclerosis*. 2012;222:138-147

Walter S, Mackenbach J, Voko Z, Lhachimi S, Ikram MA, Uitterlinden AG, Newman AB, Murabito JM, Garcia ME, Gudnason V, Tanaka T, Tranah GJ, Wallaschofski H, Kocher T, Launer LJ, **Franceschini N**, Schipper M, Hofman A, Tiemeier H. Genetic, physiological, and lifestyle predictors of mortality in the general population. *Am J Public Health*. 2012;102:e3-10

Stolk L, Perry JR, Chasman DI, He C, Mangino M, Sulem P, Barbalic M, Broer L, Byrne EM, Ernst F, Esko T, **Franceschini N**, Gudbjartsson DF, Hottenga JJ, Kraft P, McArdle PF, Porcu E, Shin SY, Smith AV, van Wingerden S, Zhai G, Zhuang WV, Albrecht E, Alizadeh BZ, Aspelund T, Bandinelli S, Lauc LB, Beckmann JS, Boban M, Boerwinkle E, Broekmans FJ, Burri A, Campbell H, Chanock SJ, Chen C, Cornelis MC, Corre T, Coviello AD, d'Adamo P, Davies G, de Faire U, de Geus EJ, Deary IJ, Dedoussis GV, Deloukas P, Ebrahim S, Eiriksdottir G, Emilsson V, Eriksson JG, Fauser BC, Ferreli L, Ferrucci L, Fischer K, Folsom AR, Garcia ME, Gasparini P, Gieger C, Glazer N, Grobbee DE, Hall P, Haller T, Hankinson SE, Hass M, Hayward C, Heath AC, Hofman A, Ingelsson E, Janssens AC, Johnson AD, Karasik D, Kardia SL, Keyzer J, Kiel DP, Kolcic I, Kutalik Z, Lahti J, Lai S, Laisk T, Laven JS, Lawlor DA, Liu J, Lopez LM, Louwers YV, Magnusson PK, Marongiu M, Martin NG, Klaric IM, Masciullo C, McKnight B, Medland SE, Melzer D, Mooser V, Navarro P, Newman AB, Nyholt DR, Onland-Moret NC, Palotie A, Pare G, Parker AN, Pedersen NL, Peeters PH, Pistis G, Plump AS, Polasek O, Pop VJ, Psaty BM, Raikkonen K, Rehnberg E, Rotter JI, Rudan I, Sala C, Salumets A, Scuteri A, Singleton A, Smith JA, Snieder H, Soranzo N, Stacey SN, Starr JM, Stathopoulou MG, Stirrups K, Stolk RP, Styrkarsdottir U, Sun YV, Tenesa A, Thorand B, Toniolo D, Tryggvadottir L, Tsui K, Ulivi S, van Dam RM, van der Schouw YT, van Gils CH, van Nierop P, Vink JM, Visscher PM, Voorhuis M, Waeber G, Wallaschofski H, Wichmann HE, Widen E, Wijnands-van Gent CJ, Willemsen G, Wilson JF, Wolffenbuttel BH, Wright AF, Yerges-Armstrong LM, Zemunik T, Zgaga L, Zillikens MC, Zygmunt M, Study TL, Arnold AM, Boomsma DI, Buring JE, Crisponi L, Demerath EW, Gudnason V, Harris TB, Hu FB, Hunter DJ, Launer LJ, Metspalu A, Montgomery GW, Oostra BA, Ridker PM, Sanna S, Schlessinger D, Spector TD, Stefansson K, Streeten EA, Thorsteinsdottir U, Uda M, Uitterlinden AG, van Duijn CM, Volzke H, Murray A, Murabito JM, Visser JA, Lunetta KL. Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. *Nat Genet*. 2012;44:260-268

Shara NM, Wang H, Mete M, Al-Balha YR, Azalddin N, Lee ET, **Franceschini N**, Jolly SE, Howard BV, Umans JG. Estimated gfr and incident cardiovascular disease events in american indians: The Strong Heart Study. *Am J Kidney Dis*. 2012;60:795-803

Reiner AP, Beleza S, **Franceschini N**, Auer PL, Robinson JG, Kooperberg C, Peters U, Tang H. Genome-wide association and population genetic analysis of c-reactive protein in African American and Hispanic American women. *Am J Hum Genet*. 2012;91:502-512

North KE, Graff M, **Franceschini N**, Reiner AP, Feitosa MF, Carr JJ, Gordon-Larsen P, Wojczynski MK, Borecki IB. Sex and race differences in the prevalence of fatty liver disease as measured by computed tomography liver attenuation in European American and African American participants of the NHLBI Family Heart Study. *Eur J Gastroenterol Hepatol*. 2012;24:9-16

Murabito JM, White CC, Kavousi M, Sun YV, Feitosa MF, Nambi V, Lamina C, Schillert A, Coassin S, Bis JC, Broer L, Crawford DC, **Franceschini N**, Frikke-Schmidt R, Haun M, Holewijn S, Huffman JE, Hwang SJ, Kiechl S, Kollerits B, Montasser ME, Nolte IM, Rudock ME, Senft A, Teumer A, van der Harst P, Vitart V, Waite LL, Wood AR, Wassel CL, Absher DM, Allison MA, Amin N, Arnold A, Asselbergs FW, Aulchenko Y, Bandinelli S, Barbalic M, Boban M, Brown-Gentry K, Couper DJ, Criqui MH, Dehghan A, den Heijer M, Dieplinger B, Ding J, Dorr M, Espinola-Klein C, Felix SB, Ferrucci L, Folsom AR, Fraedrich G, Gibson Q, Goodloe R, Gunjaca G, Haltmayer M, Heiss G, Hofman A, Kieback A, Kiemeney LA, Kolcic I, Kullo IJ, Kritchevsky SB, Lackner KJ, Li X, Lieb W, Lohman K, Meisinger C, Melzer D, Mohler ER, 3rd, Mudnic I, Mueller T, Navis G, Oberhollenzer F, Olin JW, O'Connell J, O'Donnell CJ, Palmas W, Penninx BW, Petersmann A, Polasek O, Psaty BM, Rantner B, Rice K, Rivadeneira F, Rotter JI, Seldenrijk A, Stadler M, Summerer M, Tanaka T, Tybjaerg-Hansen A, Uitterlinden AG, van Gilst WH, Vermeulen SH, Wild SH, Wild PS, Willeit J, Zeller T, Zemunik T, Zgaga L, Assimes TL, Blankenberg S, Boerwinkle E, Campbell H, Cooke JP, de Graaf J, Herrington D, Kardia SL, Mitchell BD, Murray A, Munzel T, Newman AB, Oostra BA, Rudan I, Shuldiner AR, Snieder H, van Duijn CM, Volker U, Wright AF, Wichmann HE, Wilson JF, Witteman JC, Liu Y, Hayward C, Borecki IB, Ziegler A, North KE, Cupples LA, Kronenberg F. Association between chromosome 9p21 variants and the ankle-brachial index identified by a meta-analysis of 21 genome-wide association studies. *Circ Cardiovasc Genet*. 2012;5:100-112

Jones CD, Loehr L, **Franceschini N**, Rosamond WD, Chang PP, Shahar E, Couper DJ, Rose KM. Orthostatic hypotension as a risk factor for incident heart failure: The atherosclerosis risk in communities study. *Hypertension*. 2012;59:913-918

Imboden M, Bouzigon E, Curjuric I, Ramasamy A, Kumar A, Hancock DB, Wilk JB, Vonk JM, Thun GA, Siroux V, Nadif R, Monier F, Gonzalez JR, Wjst M, Heinrich J, Loehr LR, **Franceschini N**, North KE, Altmuller J, Koppelman GH, Guerra S, Kronenberg F, Lathrop M, Moffatt MF, O'Connor GT, Strachan DP, Postma DS, London SJ, Schindler C, Kogevinas M, Kauffmann F, Jarvis DL, Demenais F, Probst-Hensch NM. Genome-wide association study of lung function decline in adults with and without asthma. *J Allergy Clin Immunol*. 2012;129:1218-1228

He C, Chasman DI, Dreyfus J, Hwang SJ, Ruiter R, Sanna S, Buring JE, Fernandez-Rhodes L, **Franceschini N**, Hankinson SE, Hofman A, Lunetta KL, Palmieri G, Porcu E, Rivadeneira F, Rose LM, Splansky GL, Stolk L, Uitterlinden AG, Chanock SJ, Crisponi L, Demerath EW, Murabito JM, Ridker PM, Stricker BH, Hunter DJ. Reproductive aging-

associated common genetic variants and the risk of breast cancer. *Breast Cancer Res*. 2012;14:R54

Hartz SM, Short SE, Saccone NL, Culverhouse R, Chen L, Schwantes-An TH, Coon H, Han Y, Stephens SH, Sun J, Chen X, Ducci F, Dueker N, **Franceschini N**, Frank J, Geller F, Gubjartsson D, Hansel NN, Jiang C, Keskitalo-Vuokko K, Liu Z, Lyytikainen LP, Michel M, Rawal R, Rosenberger A, Scheet P, Shaffer JR, Teumer A, Thompson JR, Vink JM, Vogelzangs N, Wenzlaff AS, Wheeler W, Xiao X, Yang BZ, Aggen SH, Balmforth AJ, Baumeister SE, Beaty T, Bennett S, Bergen AW, Boyd HA, Broms U, Campbell H, Chatterjee N, Chen J, Cheng YC, Cichon S, Couper D, Cucca F, Dick DM, Foroud T, Furberg H, Giegling I, Gu F, Hall AS, Hallfors J, Han S, Hartmann AM, Hayward C, Heikkila K, Hewitt JK, Hottenga JJ, Jensen MK, Jousilahti P, Kaakinen M, Kittner SJ, Konte B, Korhonen T, Landi MT, Laatikainen T, Leppert M, Levy SM, Mathias RA, McNeil DW, Medland SE, Montgomery GW, Muley T, Murray T, Nauck M, North K, Pergadia M, Polasek O, Ramos EM, Ripatti S, Risch A, Ruczinski I, Rudan I, Salomaa V, Schlessinger D, Styrkarsdottir U, Terracciano A, Uda M, Willemsen G, Wu X, Abecasis G, Barnes K, Bickeboller H, Boerwinkle E, Boomsma DI, Caporaso N, Duan J, Edenberg HJ, Francks C, Gejman PV, Gelernter J, Grabe HJ, Hops H, Jarvelin MR, Viikari J, Kahonen M, Kendler KS, Lehtimaki T, Levinson DF, Marazita ML, Marchini J, Melbye M, Mitchell BD, Murray JC, Nothen MM, Penninx BW, Raitakari O, Rietschel M, Rujescu D, Samani NJ, Sanders AR, Schwartz AG, Shete S, Shi J, Spitz M, Stefansson K, Swan GE, Thorgeirsson T, Volzke H, Wei Q, Wichmann HE, Amos CI, Breslau N, Cannon DS, Ehringer M, Grucza R, Hatsukami D, Heath A, Johnson EO, Kaprio J, Madden P, Martin NG, Stevens VL, Stitzel JA, Weiss RB, Kraft P, Bierut LJ. Increased genetic vulnerability to smoking at *CHRNA5* in early-onset smokers. *Arch Gen Psychiatry*. 2012;69:854-860

Hancock DB, Artigas MS, Gharib SA, Henry A, Manichaikul A, Ramasamy A, Loth DW, Imboden M, Koch B, McArdle WL, Smith AV, Smolonska J, Sood A, Tang W, Wilk JB, Zhai G, Zhao JH, Aschard H, Burkart KM, Curjuric I, Eijgelsheim M, Elliott P, Gu X, Harris TB, Janson C, Homuth G, Hysi PG, Liu JZ, Loehr LR, Lohman K, Loos RJ, Manning AK, Marciante KD, Obeidat M, Postma DS, Aldrich MC, Brusselle GG, Chen TH, Eiriksdottir G, **Franceschini N**, Heinrich J, Rotter JI, Wijmenga C, Williams OD, Bentley AR, Hofman A, Laurie CC, Lumley T, Morrison AC, Joubert BR, Rivadeneira F, Couper DJ, Kritchevsky SB, Liu Y, Wjst M, Wain LV, Vonk JM, Uitterlinden AG, Rochat T, Rich SS, Psaty BM, O'Connor GT, North KE, Mirel DB, Meibohm B, Launer LJ, Khaw KT, Hartikainen AL, Hammond CJ, Glaser S, Marchini J, Kraft P, Wareham NJ, Volzke H, Stricker BH, Spector TD, Probst-Hensch NM, Jarvis D, Jarvelin MR, Heckbert SR, Gudnason V, Boezen HM, Barr RG, Cassano PA, Strachan DP, Fornage M, Hall IP, Dupuis J, Tobin MD, London SJ. Genome-wide joint meta-analysis of snp and snp-by-smoking interaction identifies novel loci for pulmonary function. *PLoS Genet*. 2012;8:e1003098

Haiman CA, Fesinmeyer MD, Spencer KL, Buzkova P, Voruganti VS, Wan P, Haessler J, **Franceschini N**, Monroe KR, Howard BV, Jackson RD, Florez JC, Kolonel LN, Buyske S, Goodloe RJ, Liu S, Manson JE, Meigs JB, Waters K, Mukamal KJ, Pendergrass SA, Shrader P, Wilkens LR, Hindorff LA, Ambite JL, North KE, Peters U, Crawford DC, Le Marchand L, Pankow JS. Consistent directions of effect for established type 2 diabetes risk variants

across populations: The population architecture using genomics and epidemiology (PAGE) consortium. *Diabetes*. 2012;61:1642-1647

Franceschini N*, van Rooij FJ*, Prins BP*, Feitosa MF*, Karakas M*, Eckfeldt JH, Folsom AR, Kopp J, Vaez A, Andrews JS, Baumert J, Boraska V, Broer L, Hayward C, Ngwa JS, Okada Y, Polasek O, Westra HJ, Wang YA, Del Greco MF, Glazer NL, Kapur K, Kema IP, Lopez LM, Schillert A, Smith AV, Winkler CA, Zgaga L, Bandinelli S, Bergmann S, Boban M, Bochud M, Chen YD, Davies G, Dehghan A, Ding J, Doering A, Durda JP, Ferrucci L, Franco OH, Franke L, Gunjaca G, Hofman A, Hsu FC, Kolcic I, Kraja A, Kubo M, Lackner KJ, Launer L, Loehr LR, Li G, Meisinger C, Nakamura Y, Schwienbacher C, Starr JM, Takahashi A, Torlak V, Uitterlinden AG, Vitart V, Waldenberger M, Wild PS, Kirin M, Zeller T, Zemunik T, Zhang Q, Ziegler A, Blankenberg S, Boerwinkle E, Borecki IB, Campbell H, Deary IJ, Frayling TM, Gieger C, Harris TB, Hicks AA, Koenig W, CJ OD, Fox CS, Pramstaller PP, Psaty BM, Reiner AP, Rotter JI, Rudan I, Snieder H, Tanaka T, van Duijn CM, Vollenweider P, Waeber G, Wilson JF, Witteman JC, Wolffenbuttel BH, Wright AF, Wu Q, Liu Y, Jenny NS, North KE, Felix JF, Alizadeh BZ, Cupples LA, Perry JR, Morris AP. Discovery and fine mapping of serum protein loci through transethnic meta-analysis. *Am J Hum Genet*. 2012;91:744-753

Franceschini N, Shara NM, Wang H, Voruganti VS, Laston S, Haack K, Lee ET, Best LG, Maccluer JW, Cochran BJ, Dyer TD, Howard BV, Cole SA, North KE, Umans JG. The association of genetic variants of type 2 diabetes with kidney function. *Kidney Int*. 2012;82:220-225

Fedorowski A, **Franceschini N**, Brody J, Liu C, Verwoert GC, Boerwinkle E, Couper D, Rice KM, Rotter JI, Mattace-Raso F, Uitterlinden A, Hofman A, Almgren P, Sjogren M, Hedblad B, Larson MG, Newton-Cheh C, Wang TJ, Rose KM, Psaty BM, Levy D, Witteman J, Melander O. Orthostatic hypotension and novel blood pressure-associated gene variants: Genetics of postural hemodynamics (GPH) consortium. *Eur Heart J*. 2012;33:2331-2341

Dreyfus JG, Lutsey PL, Huxley R, Pankow JS, Selvin E, Fernandez-Rhodes L, **Franceschini N**, Demerath EW. Age at menarche and risk of type 2 diabetes among African-American and white women in the atherosclerosis risk in communities (ARIC) study. *Diabetologia*. 2012;55:2371-2380

Demirkan A, van Duijn CM, Ugocsai P, Isaacs A, Pramstaller PP, Liebisch G, Wilson JF, Johansson A, Rudan I, Aulchenko YS, Kirichenko AV, Janssens AC, Jansen RC, Gnewuch C, Domingues FS, Pattaro C, Wild SH, Jonasson I, Polasek O, Zorkoltseva IV, Hofman A, Karssen LC, Struchalin M, Floyd J, Igl W, Biloglav Z, Broer L, Pfeufer A, Pichler I, Campbell S, Zaboli G, Kolcic I, Rivadeneira F, Huffman J, Hastie ND, Uitterlinden A, Franke L, Franklin CS, Vitart V, Nelson CP, Preuss M, Bis JC, O'Donnell CJ, **Franceschini N**, Witteman JC, Axenovich T, Oostra BA, Meitinger T, Hicks AA, Hayward C, Wright AF, Gyllensten U, Campbell H, Schmitz G. Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. *PLoS Genet*. 2012;8:e1002490

David SP, Hamidovic A, Chen GK, Bergen AW, Wessel J, Kasberger JL, Brown WM, Petruzella S, Thacker EL, Kim Y, Nalls MA, Tranah GJ, Sung YJ, Ambrosone CB, Arnett D, Bandera EV, Becker DM, Becker L, Berndt SI, Bernstein L, Blot WJ, Broeckel U, Buxbaum SG, Caporaso N, Casey G, Chanock SJ, Deming SL, Diver WR, Eaton CB, Evans DS, Evans MK, Fornage M, **Franceschini N**, Harris TB, Henderson BE, Hernandez DG, Hitsman B, Hu JJ, Hunt SC, Ingles SA, John EM, Kittles R, Kolb S, Kolonel LN, Le Marchand L, Liu Y, Lohman KK, McKnight B, Millikan RC, Murphy A, Neslund-Dudas C, Nyante S, Press M, Psaty BM, Rao DC, Redline S, Rodriguez-Gil JL, Rybicki BA, Signorello LB, Singleton AB, Smoller J, Snively B, Spring B, Stanford JL, Strom SS, Swan GE, Taylor KD, Thun MJ, Wilson AF, Witte JS, Yamamura Y, Yanek LR, Yu K, Zheng W, Ziegler RG, Zonderman AB, Jorgenson E, Haiman CA, Furberg H. Genome-wide meta-analyses of smoking behaviors in African Americans. *Transl Psychiatry*. 2012;2:e119

Chiang CW, Liu CT, Lettre G, Lange LA, Jorgensen NW, Keating BJ, Vedantam S, Nock NL, **Franceschini N**, Reiner AP, Demerath EW, Boerwinkle E, Rotter JI, Wilson JG, North KE, Papanicolaou GJ, Cupples LA, Murabito JM, Hirschhorn JN. Ultraconserved elements in the human genome: Association and transmission analyses of highly constrained single-nucleotide polymorphisms. *Genetics*. 2012;192:253-266

Chen CT†, Fernandez-Rhodes L, Brzyski RG, Carlson CS, Chen Z, Heiss G, North KE, Woods NF, Rajkovic A, Kooperberg C, **Franceschini N**. Replication of loci influencing ages at menarche and menopause in hispanic women: The women's health initiative share study. *Hum Mol Genet*. 2012;21:1419-1432

Carty CL, Buzkova P, Fornage M, **Franceschini N**, Cole S, Heiss G, Hindorff LA, Howard BV, Mann S, Martin LW, Zhang Y, Matise TC, Prentice R, Reiner AP, Kooperberg C. Associations between incident ischemic stroke events and stroke and cardiovascular disease-related genome-wide association studies single nucleotide polymorphisms in the population architecture using genomics and epidemiology study. *Circ Cardiovasc Genet*. 2012;5:210-216

Buyske S, Wu Y, Carty CL, Cheng I, Assimes TL, Dumitrescu L, Hindorff LA, Mitchell S, Ambite JL, Boerwinkle E, Buzkova P, Carlson CS, Cochran B, Duggan D, Eaton CB, Fesinmeyer MD, **Franceschini N**, Haessler J, Jenny N, Kang HM, Kooperberg C, Lin Y, Le Marchand L, Matise TC, Robinson JG, Rodriguez C, Schumacher FR, Voight BF, Young A, Manolio TA, Mohlke KL, Haiman CA, Peters U, Crawford DC, North KE. Evaluation of the metabochip genotyping array in african americans and implications for fine mapping of gwas-identified loci: The page study. *PLoS One*. 2012;7:e35651

Boraska V, Jeroncic A, Colonna V, Southam L, Nyholt DR, Rayner NW, Perry JR, Toniolo D, Albrecht E, Ang W, Bandinelli S, Barbalic M, Barroso I, Beckmann JS, Biffar R, Boomsma D, Campbell H, Corre T, Erdmann J, Esko T, Fischer K, **Franceschini N**, Frayling TM, Girotto G, Gonzalez JR, Harris TB, Heath AC, Heid IM, Hoffmann W, Hofman A, Horikoshi M, Zhao JH, Jackson AU, Hottenga JJ, Jula A, Kahonen M, Khaw KT, Kiemeney LA, Klopp N, Kutalik Z, Lagou V, Launer LJ, Lehtimaki T, Lemire M, Lokki ML, Loley C, Luan J, Mangino M, Mateo Leach I, Medland SE, Mihailov E, Montgomery GW, Navis G, Newnham J, Nieminen MS, Palotie A, Panoutsopoulou K, Peters A, Pirastu N, Polasek O, Rehnstrom K, Ripatti S, Ritchie GR, Rivadeneira F, Robino

A, Samani NJ, Shin SY, Sinisalo J, Smit JH, Soranzo N, Stolk L, Swinkels DW, Tanaka T, Teumer A, Tonjes A, Traglia M, Tuomilehto J, Valsesia A, van Gilst WH, van Meurs JB, Smith AV, Viikari J, Vink JM, Waeber G, Warrington NM, Widen E, Willemsen G, Wright AF, Zanke BW, Zgaga L, Boehnke M, d'Adamo AP, de Geus E, Demerath EW, den Heijer M, Eriksson JG, Ferrucci L, Gieger C, Gudnason V, Hayward C, Hengstenberg C, Hudson TJ, Jarvelin MR, Kogevinas M, Loos RJ, Martin NG, Metspalu A, Pennell CE, Penninx BW, Perola M, Raitakari O, Salomaa V, Schreiber S, Schunkert H, Spector TD, Stumvoll M, Uitterlinden AG, Ulivi S, van der Harst P, Vollenweider P, Volzke H, Wareham NJ, Wichmann HE, Wilson JF, Rudan I, Xue Y, Zeggini E. Genome-wide meta-analysis of common variant differences between men and women. *Hum Mol Genet*. 2012;21:4805-4815

Auer PL, Johnsen JM, Johnson AD, Logsdon BA, Lange LA, Nalls MA, Zhang G, **Franceschini N**, Fox K, Lange EM, Rich SS, O'Donnell CJ, Jackson RD, Wallace RB, Chen Z, Graubert TA, Wilson JG, Tang H, Lettre G, Reiner AP, Ganesh SK, Li Y. Imputation of exome sequence variants into population- based samples and blood-cell-trait-associated loci in african americans: NHLBI go exome sequencing project. *Am J Hum Genet*. 2012;91:794-808

Zhu X, Young JH, Fox E, Keating BJ, **Franceschini N**, Kang S, Tayo B, Adeyemo A, Sun YV, Li Y, Morrison A, Newton-Cheh C, Liu K, Ganesh SK, Kutlar A, Vasan RS, Dreisbach A, Wyatt S, Polak J, Palmas W, Musani S, Taylor H, Fabsitz R, Townsend RR, Dries D, Glessner J, Chiang CW, Mosley T, Kardia S, Curb D, Hirschhorn JN, Rotimi C, Reiner A, Eaton C, Rotter JI, Cooper RS, Redline S, Chakravarti A, Levy D. Combined admixture mapping and association analysis identifies a novel blood pressure genetic locus on 5p13: Contributions from the care consortium. *Hum Mol Genet*. 2011;20:2285-2295

Walter S, Atzmon G, Demerath EW, Garcia ME, Kaplan RC, Kumari M, Lunetta KL, Milaneschi Y, Tanaka T, Tranah GJ, Volker U, Yu L, Arnold A, Benjamin EJ, Biffar R, Buchman AS, Boerwinkle E, Couper D, De Jager PL, Evans DA, Harris TB, Hoffmann W, Hofman A, Karasik D, Kiel DP, Kocher T, Kuningas M, Launer LJ, Lohman KK, Lutsey PL, Mackenbach J, Marciante K, Psaty BM, Reiman EM, Rotter JI, Seshadri S, Shardell MD, Smith AV, van Duijn C, Walston J, Zillikens MC, Bandinelli S, Baumeister SE, Bennett DA, Ferrucci L, Gudnason V, Kivimaki M, Liu Y, Murabito JM, Newman AB, Tiemeier H, **Franceschini N**. A genome-wide association study of aging. *Neurobiol Aging*. 2011;32:2109 e2115-2128

Soler Artigas M, Loth DW, Wain LV, Gharib SA, Obeidat M, Tang W, Zhai G, Zhao JH, Smith AV, Huffman JE, Albrecht E, Jackson CM, Evans DM, Cadby G, Fornage M, Manichaikul A, Lopez LM, Johnson T, Aldrich MC, Aspelund T, Barroso I, Campbell H, Cassano PA, Couper DJ, Eiriksdottir G, **Franceschini N**, Garcia M, Gieger C, Gislason GK, Grkovic I, Hammond CJ, Hancock DB, Harris TB, Ramasamy A, Heckbert SR, Heliovaara M, Homuth G, Hysi PG, James AL, Jankovic S, Joubert BR, Karrasch S, Klopp N, Koch B, Kritchevsky SB, Launer LJ, Liu Y, Loehr LR, Lohman K, Loos RJ, Lumley T, Al Balushi KA, Ang WQ, Barr RG, Beilby J, Blakey JD, Boban M, Boraska V, Brisman J, Britton JR, Brusselle GG, Cooper C, Curjuric I, Dahgam S, Deary IJ, Ebrahim S, Eijgelsheim M, Francks C, Gaysina D, Granell R, Gu X, Hankinson JL, Hardy R, Harris SE, Henderson J, Henry A, Hingorani AD, Hofman A, Holt PG, Hui J, Hunter ML, Imboden M, Jameson KA, Kerr SM, Kolcic I, Kronenberg F, Liu JZ, Marchini J, McKeever T, Morris AD, Olin AC,

Porteous DJ, Postma DS, Rich SS, Ring SM, Rivadeneira F, Rochat T, Sayer AA, Sayers I, Sly PD, Smith GD, Sood A, Starr JM, Uitterlinden AG, Vonk JM, Wannamethee SG, Whincup PH, Wijmenga C, Williams OD, Wong A, Mangino M, Marciante KD, McArdle WL, Meibohm B, Morrison AC, North KE, Omenaas E, Palmer LJ, Pietilainen KH, Pin I, Pola Sbreve Ek O, Pouta A, Psaty BM, Hartikainen AL, Rantanen T, Ripatti S, Rotter JI, Rudan I, Rudnicka AR, Schulz H, Shin SY, Spector TD, Surakka I, Vitart V, Volzke H, Wareham NJ, Warrington NM, Wichmann HE, Wild SH, Wilk JB, Wjst M, Wright AF, Zgaga L, Zemunik T, Pennell CE, Nyberg F, Kuh D, Holloway JW, Boezen HM, Lawlor DA, Morris RW, Probst-Hensch N, Kaprio J, Wilson JF, Hayward C, Kahonen M, Heinrich J, Musk AW, Jarvis DL, Glaser S, Jarvelin MR, Ch Stricker BH, Elliott P, O'Connor GT, Strachan DP, London SJ, Hall IP, Gudnason V, Tobin MD. Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nat Genet*. 2011;43:1082-1090

Liu CT, Garnaas MK, Tin A, Kottgen A, **Franceschini N**, Peralta CA, de Boer IH, Lu X, Atkinson E, Ding J, Nalls M, Shriner D, Coresh J, Kutlar A, Bibbins-Domingo K, Siscovick D, Akylbekova E, Wyatt S, Astor B, Mychaleckjy J, Li M, Reilly MP, Townsend RR, Adeyemo A, Zonderman AB, de Andrade M, Turner ST, Mosley TH, Harris TB, Rotimi CN, Liu Y, Kardia SL, Evans MK, Shlipak MG, Kramer H, Flessner MF, Dreisbach AW, Goessling W, Cupples LA, Kao WL, Fox CS. Genetic association for renal traits among participants of african ancestry reveals new loci for renal function. *PLoS Genet*. 2011;7:e1002264

Kraja AT, Vaidya D, Pankow JS, Goodarzi MO, Assimes TL, Kullo IJ, Sovio U, Mathias RA, Sun YV, **Franceschini N**, Absher D, Li G, Zhang Q, Feitosa MF, Glazer NL, Haritunians T, Hartikainen AL, Knowles JW, North KE, Iribarren C, Kral B, Yanek L, O'Reilly PF, McCarthy MI, Jaquish C, Couper DJ, Chakravarti A, Psaty BM, Becker LC, Province MA, Boerwinkle E, Quertermous T, Palotie L, Jarvelin MR, Becker DM, Kardia SL, Rotter JI, Chen YD, Borecki IB. A bivariate genome-wide approach to metabolic syndrome: Stampeed consortium. *Diabetes*. 2011;60:1329-1339

Irvin MR, Wineinger NE, Rice TK, Pajewski NM, Kabagambe EK, Gu CC, Pankow J, North KE, Wilk JB, Freedman BI, **Franceschini N**, Broeckel U, Tiwari HK, Arnett DK. Genome-wide detection of allele specific copy number variation associated with insulin resistance in african americans from the HYPERGEN study. *PLoS One*. 2011;6:e24052

Hamidovic A, Kasberger JL, Young TR, Goodloe RJ, Redline S, Buxbaum SG, Benowitz NL, Bergen AW, Butler KR, **Franceschini N**, Gharib SA, Hitsman B, Levy D, Meng Y, Papanicolaou GJ, Preis SR, Spring B, Styn MA, Tong EK, White WB, Wiggins KL, Jorgenson E. Genetic variability of smoking persistence in African Americans. *Cancer Prev Res (Phila)*. 2011;4:729-734

Franceschini N, Carty C, Buzkova P, Reiner AP, Garrett T, Lin Y, Vockler JS, Hindorff LA, Cole SA, Boerwinkle E, Lin DY, Bookman E, Best LG, Bella JN, Eaton C, Greenland P, Jenny N, North KE, Taverna D, Young AM, Deelman E, Kooperberg C, Psaty B, Heiss G. Association of genetic variants and incident coronary heart disease in multiethnic cohorts: The page study. *Circ Cardiovasc Genet*. 2011;4:661-672

Fox ER, Young JH, Li Y, Dreisbach AW, Keating BJ, Musani SK, Liu K, Morrison AC, Ganesh S, Kutlar A, Ramachandran VS, Polak JF, Fabsitz RR, Dries DL, Farlow DN, Redline S, Adeyemo A, Hirschorn JN, Sun YV, Wyatt SB, Penman AD, Palmas W, Rotter JI, Townsend RR, Doumatey AP, Tayo BO, Mosley TH, Jr., Lyon HN, Kang SJ, Rotimi CN, Cooper RS, **Franceschini N**, Curb JD, Martin LW, Eaton CB, Kardia SL, Taylor HA, Caulfield MJ, Ehret GB, Johnson T, Chakravarti A, Zhu X, Levy D. Association of genetic variation with systolic and diastolic blood pressure among African Americans: The candidate gene association resource study. *Hum Mol Genet*. 2011;20:2273-2284

Dumitrescu L, Carty CL, Taylor K, Schumacher FR, Hindorff LA, Ambite JL, Anderson G, Best LG, Brown-Gentry K, Buzkova P, Carlson CS, Cochran B, Cole SA, Devereux RB, Duggan D, Eaton CB, Fornage M, **Franceschini N**, Haessler J, Howard BV, Johnson KC, Laston S, Kolonel LN, Lee ET, MacCluer JW, Manolio TA, Pendergrass SA, Quibrera M, Shohet RV, Wilkens LR, Haiman CA, Le Marchand L, Buyske S, Kooperberg C, North KE, Crawford DC. Genetic determinants of lipid traits in diverse populations from the population architecture using genomics and epidemiology (PAGE) study. *PLoS Genet*. 2011;7:e1002138

Boger CA, Chen MH, Tin A, Olden M, Kottgen A, de Boer IH, Fuchsberger C, O'Seaghdha CM, Pattaro C, Teumer A, Liu CT, Glazer NL, Li M, O'Connell JR, Tanaka T, Peralta CA, Kutalik Z, Luan J, Zhao JH, Hwang SJ, Akylbekova E, Kramer H, van der Harst P, Smith AV, Lohman K, de Andrade M, Hayward C, Kollerits B, Tonjes A, Aspelund T, Ingelsson E, Eiriksdottir G, Launer LJ, Harris TB, Shuldiner AR, Mitchell BD, Arking DE, **Franceschini N**, Boerwinkle E, Egan J, Hernandez D, Reilly M, Townsend RR, Lumley T, Siscovick DS, Psaty BM, Kestenbaum B, Haritunians T, Bergmann S, Vollenweider P, Waeber G, Mooser V, Waterworth D, Johnson AD, Florez JC, Meigs JB, Lu X, Turner ST, Atkinson EJ, Leak TS, Aasarod K, Skorpen F, Syvanen AC, Illig T, Baumert J, Koenig W, Kramer BK, Devuyst O, Mychaleckyj JC, Minelli C, Bakker SJ, Kedenko L, Paulweber B, Coassin S, Endlich K, Kroemer HK, Biffar R, Stracke S, Volzke H, Stumvoll M, Magi R, Campbell H, Vitart V, Hastie ND, Gudnason V, Kardia SL, Liu Y, Polasek O, Curhan G, Kronenberg F, Prokopenko I, Rudan I, Arnlov J, Hallan S, Navis G, Parsa A, Ferrucci L, Coresh J, Shlipak MG, Bull SB, Paterson NJ, Wichmann HE, Wareham NJ, Loos RJ, Rotter JI, Pramstaller PP, Cupples LA, Beckmann JS, Yang Q, Heid IM, Rettig R, Dreisbach AW, Bochud M, Fox CS, Kao WH. Cubn is a gene locus for albuminuria. *J Am Soc Nephrol*. 2011;22:555-570

Bis JC*, Kavousi M*, **Franceschini N***, Isaacs A, Abecasis GR, Schminke U, Post WS, Smith AV, Cupples LA, Markus HS, Schmidt R, Huffman JE, Lehtimaki T, Baumert J, Munzel T, Heckbert SR, Dehghan A, North K, Oostra B, Bevan S, Stoegerer EM, Hayward C, Raitakari O, Meisinger C, Schillert A, Sanna S, Volzke H, Cheng YC, Thorsson B, Fox CS, Rice K, Rivadeneira F, Nambi V, Halperin E, Petrovic KE, Peltonen L, Wichmann HE, Schnabel RB, Dorr M, Parsa A, Aspelund T, Demissie S, Kathiresan S, Reilly MP, Taylor K, Uitterlinden A, Couper DJ, Sitzer M, Kahonen M, Illig T, Wild PS, Orru M, Ludemann J, Shuldiner AR, Eiriksdottir G, White CC, Rotter JI, Hofman A, Seissler J, Zeller T, Usala G, Ernst F, Launer LJ, D'Agostino RB, Sr., O'Leary DH, Ballantyne C, Thiery J, Ziegler A, Lakatta EG, Chilukoti RK, Harris TB, Wolf PA, Psaty BM, Polak JF, Li X, Rathmann W, Uda M, Boerwinkle E, Klopp N, Schmidt H, Wilson JF, Viikari J, Koenig W, Blankenberg

S, Newman AB, Witteman J, Heiss G, Duijn C, Scuteri A, Homuth G, Mitchell BD, Gudnason V, O'Donnell CJ. Meta-analysis of genome-wide association studies from the charge consortium identifies common variants associated with carotid intima media thickness and plaque. *Nat Genet*. 2011;43:940-947

Barbalic M, Reiner AP, Wu C, Hixson JE, **Franceschini N**, Eaton CB, Heiss G, Couper D, Mosley T, Boerwinkle E. Genome-wide association analysis of incident coronary heart disease (CHD) in African Americans: A short report. *PLoS Genet*. 2011;7:e1002199

North KE, **Franceschini N**, Avery CL, Baird L, Graff M, Leppert M, Chung JH, Zhang J, Hanis C, Boerwinkle E, Volcik KA, Grove ML, Mosley TH, Gu C, Heiss G, Pankow JS, Couper DJ, Ballantyne CM, Linda Kao WH, Weder AB, Cooper RS, Ehret GB, O'Connor AA, Chakravarti A, Hunt SC. Variation in the checkpoint kinase 2 gene is associated with type 2 diabetes in multiple populations. *Acta Diabetol*. 2010;47 Suppl 1:199-207

Newman AB, Walter S, Lunetta KL, Garcia ME, Slagboom PE, Christensen K, Arnold AM, Aspelund T, Aulchenko YS, Benjamin EJ, Christiansen L, D'Agostino RB, Sr., Fitzpatrick AL, **Franceschini N**, Glazer NL, Gudnason V, Hofman A, Kaplan R, Karasik D, Kelly-Hayes M, Kiel DP, Launer LJ, Marciante KD, Massaro JM, Miljkovic I, Nalls MA, Hernandez D, Psaty BM, Rivadeneira F, Rotter J, Seshadri S, Smith AV, Taylor KD, Tiemeier H, Uh HW, Uitterlinden AG, Vaupel JW, Walston J, Westendorp RG, Harris TB, Lumley T, van Duijn CM, Murabito JM. A meta-analysis of four genome-wide association studies of survival to age 90 years or older: The cohorts for heart and aging research in genomic epidemiology consortium. *J Gerontol A Biol Sci Med Sci*. 2010;65:478-487

Joubert BR, North KE, Wang Y, Mwapasa V, **Franceschini N**, Meshnick SR, Lange EM. Comparison of genome-wide variation between Malawians and African ancestry hapmap populations. *J Hum Genet*. 2010;55:366-374

Joubert BR, Lange EM, **Franceschini N**, Mwapasa V, North KE, Meshnick SR. A whole genome association study of mother-to-child transmission of hiv in malawi. *Genome Med*. 2010;2:17

Joubert BR, **Franceschini N**, Mwapasa V, North KE, Meshnick SR. Regulation of ccr5 expression in human placenta: Insights from a study of mother-to-child transmission of hiv in malawi. *PLoS One*. 2010;5:e9212

Hancock DB, Eijgelsheim M, Wilk JB, Gharib SA, Loehr LR, Marciante KD, **Franceschini N**, van Durme YM, Chen TH, Barr RG, Schabath MB, Couper DJ, Brusselle GG, Psaty BM, van Duijn CM, Rotter JI, Uitterlinden AG, Hofman A, Punjabi NM, Rivadeneira F, Morrison AC, Enright PL, North KE, Heckbert SR, Lumley T, Stricker BH, O'Connor GT, London SJ. Meta-analyses of genome-wide association studies identify multiple loci associated with pulmonary function. *Nat Genet*. 2010;42:45-52

Franceschini N, Voruganti VS, Haack K, Almasy L, Laston S, Goring HH, Umans JG, Lee ET, Best LG, Fabsitz RR, MacCluer JW, Howard BV, North KE, Cole SA. The association of the myh9 gene and kidney outcomes in american indians: The Strong Heart Family Study. *Hum Genet*. 2010;127:295-301

Franceschini N, Rose KM, Astor BC, Couper D, Vupputuri S. Orthostatic hypotension and incident chronic kidney disease: The atherosclerosis risk in communities study. *Hypertension*. 2010;56:1054-1059

Elks CE, Perry JR, Sulem P, Chasman DI, **Franceschini N**, He C, Lunetta KL, Visser JA, Byrne EM, Cousminer DL, Gudbjartsson DF, Esko T, Feenstra B, Hottenga JJ, Koller DL, Kutalik Z, Lin P, Mangino M, Marongiu M, McArdle PF, Smith AV, Stolk L, van Wingerden SH, Zhao JH, Albrecht E, Corre T, Ingelsson E, Hayward C, Magnusson PK, Smith EN, Ulivi S, Warrington NM, Zgaga L, Alavere H, Amin N, Aspelund T, Bandinelli S, Barroso I, Berenson GS, Bergmann S, Blackburn H, Boerwinkle E, Buring JE, Busonero F, Campbell H, Chanock SJ, Chen W, Cornelis MC, Couper D, Coviello AD, d'Adamo P, de Faire U, de Geus EJ, Deloukas P, Doring A, Smith GD, Easton DF, Eiriksdottir G, Emilsson V, Eriksson J, Ferrucci L, Folsom AR, Foroud T, Garcia M, Gasparini P, Geller F, Gieger C, Gudnason V, Hall P, Hankinson SE, Ferreli L, Heath AC, Hernandez DG, Hofman A, Hu FB, Illig T, Jarvelin MR, Johnson AD, Karasik D, Khaw KT, Kiel DP, Kilpelainen TO, Kolcic I, Kraft P, Launer LJ, Laven JS, Li S, Liu J, Levy D, Martin NG, McArdle WL, Melbye M, Mooser V, Murray JC, Murray SS, Nalls MA, Navarro P, Nelis M, Ness AR, Northstone K, Oostra BA, Peacock M, Palmer LJ, Palotie A, Pare G, Parker AN, Pedersen NL, Peltonen L, Pennell CE, Pharoah P, Polasek O, Plump AS, Pouta A, Porcu E, Rafnar T, Rice JP, Ring SM, Rivadeneira F, Rudan I, Sala C, Salomaa V, Sanna S, Schlessinger D, Schork NJ, Scuteri A, Segre AV, Shuldiner AR, Soranzo N, Sovio U, Srinivasan SR, Strachan DP, Tammesoo ML, Tikkanen E, Toniolo D, Tsui K, Tryggvadottir L, Tyrer J, Uda M, van Dam RM, van Meurs JB, Vollenweider P, Waeber G, Wareham NJ, Waterworth DM, Weedon MN, Wichmann HE, Willemsen G, Wilson JF, Wright AF, Young L, Zhai G, Zhuang WV, Bierut LJ, Boomsma DI, Boyd HA, Crisponi L, Demerath EW, van Duijn CM, Econs MJ, Harris TB, Hunter DJ, Loos RJ, Metspalu A, Montgomery GW, Ridker PM, Spector TD, Streeten EA, Stefansson K, Thorsteinsdottir U, Uitterlinden AG, Widen E, Murabito JM, Ong KK, Murray A. Thirty new loci for age at menarche identified by a meta-analysis of genome-wide association studies. *Nat Genet*. 2010;42:1077-1085

Yan Y, North KE, Ballantyne CM, Brancati FL, Chambless LE, **Franceschini N**, Heiss G, Kottgen A, Pankow JS, Selvin E, West SL, Boerwinkle E. Transcription factor 7-like 2 (tcf7l2) polymorphism and context-specific risk of type 2 diabetes in african american and caucasian adults: The atherosclerosis risk in communities study. *Diabetes*. 2009;58:285-289

Yan Y, Hu Y, North KE, **Franceschini N**, Lin D. Evaluation of population impact of candidate polymorphisms for coronary heart disease in the Framingham Heart Study offspring cohort. *BMC Proc*. 2009;3 Suppl 7:S118

Voruganti VS, Goring HH, Mottl A, **Franceschini N**, Haack K, Laston S, Almasy L, Fabsitz RR, Lee ET, Best LG, Devereux RB, Howard BV, MacCluer JW, Comuzzie AG, Umans JG, Cole SA. Genetic influence on variation in serum uric acid in american indians: The Strong Heart Family Study. *Hum Genet*. 2009;126:667-676

Perry JR*, Stolk L*, **Franceschini N***, Lunetta KL*, Zhai G, McArdle PF, Smith AV, Aspelund T, Bandinelli S, Boerwinkle E, Cherkas L, Eiriksdottir G, Estrada K, Ferrucci L, Folsom AR, Garcia M, Gudnason V, Hofman A, Karasik D, Kiel DP, Launer LJ, van Meurs J, Nalls MA, Rivadeneira F, Shuldiner AR, Singleton A, Soranzo N, Tanaka T, Visser JA,

Weedon MN, Wilson SG, Zhuang V, Streeten EA, Harris TB, Murray A, Spector TD, Demerath EW, Uitterlinden AG, Murabito JM. Meta-analysis of genome-wide association data identifies two loci influencing age at menarche. *Nat Genet*. 2009;41:648-650

Matsushita K, Selvin E, Bash LD, **Franceschini N**, Astor BC, Coresh J. Change in estimated gfr associates with coronary heart disease and mortality. *J Am Soc Nephrol*. 2009;20:2617-2624

Joubert BR, Diao G, Lin D, North KE, **Franceschini N**. Longitudinal age-dependent effect on systolic blood pressure. *BMC Proc*. 2009;3 Suppl 7:S87

Gupta SK, Smurzynski M, **Franceschini N**, Bosch RJ, Szczech LA, Kalayjian RC. The effects of hiv type-1 viral suppression and non-viral factors on quantitative proteinuria in the highly active antiretroviral therapy era. *Antivir Ther*. 2009;14:543-549

Gupta SK, Komarow L, Gulick RM, Pollard RB, Robbins GK, **Franceschini N**, Szczech LA, Koletar SL, Kalayjian RC. Proteinuria, creatinine clearance, and immune activation in antiretroviral-naive hiv-infected subjects. *J Infect Dis*. 2009;200:614-618

Franceschini N, Rose KM, Storti KL, Rutherford S, Voruganti VS, Laston S, Goring HH, Dyer TD, Umans JG, Lee ET, Best LG, Fabsitz RR, Cole SA, MacCluer JW, North KE. Social- and behavioral-specific genetic effects on blood pressure traits: The Strong Heart Family Study. *Circ Cardiovasc Genet*. 2009;2:396-401

Franceschini N, North KE, Arnett D, Pankow JS, Chung JH, Baird L, Leppert MF, Eckfeldt JH, Boerwinkle E, Gu CC, Lewis CE, Myers RH, Turner ST, Weder A, Kao WH, Mosley TH, Chakravarti A, Kramer H, Zhang J, Hunt SC. The association of cell cycle checkpoint 2 variants and kidney function: Findings of the family blood pressure program and the atherosclerosis risk in communities study. *Am J Hypertens*. 2009;22:552-558

Franceschini N, Muallem H, Rose KM, Boerwinkle E, Maeda N. Low density lipoprotein receptor polymorphisms and the risk of coronary heart disease: The atherosclerosis risk in communities study. *J Thromb Haemost*. 2009;7:496-498

Mottl AK, Vupputuri S, Cole SA, Almasy L, Goring HH, Diego VP, Laston S, **Franceschini N**, Shara NM, Lee ET, Best LG, Fabsitz RR, MacCluer JW, Umans JG, North KE. Linkage analysis of glomerular filtration rate in American Indians. *Kidney Int*. 2008;74:1185-1191

Kalayjian RC, **Franceschini N**, Gupta SK, Szczech LA, Mupere E, Bosch RJ, Smurzynski M, Albert JM. Suppression of hiv-1 replication by antiretroviral therapy improves renal function in persons with low cd4 cell counts and chronic kidney disease. *Aids*. 2008;22:481-487

Franceschini N, Qiu C, Barrow DA, Williams MA. Cystatin c and preeclampsia: A case control study. *Ren Fail*. 2008;30:89-95

Franceschini N, MacCluer JW, Rose KM, Rutherford S, Cole SA, Laston S, Goring HH, Diego VP, Roman MJ, Lee ET, Best LG, Howard BV, Fabsitz RR, North KE. Genome-wide

linkage analysis of pulse pressure in american indians: The Strong Heart Study. *Am J Hypertens*. 2008;21:194-199

Franceschini N, Almasy L, MacCluer JW, Goring HH, Cole SA, Diego VP, Laston S, Howard BV, Lee ET, Best LG, Fabsitz RR, North KE. Diabetes-specific genetic effects on obesity traits in american indian populations: The Strong Heart Family Study. *BMC Med Genet*. 2008;9:90

Wijsman EM, Sung YJ, Buil A, Atkinson E, Bastone L, Christensen GB, Diao G, Feng T, **Franceschini N**, Huang S, Kan D, Kerner B, Lantieri F, Lee E, Papachristou C, Paterson A, Rangrej J, Wang S, Xing C, Zhu X. Summary of genetic analysis workshop 15: Group 9 linkage analysis of the ceph expression data. *Genet Epidemiol*. 2007;31 Suppl 1:S75-85

North KE, **Franceschini N**, Borecki IB, Gu CC, Heiss G, Province MA, Arnett DK, Lewis CE, Miller MB, Myers RH, Hunt SC, Freedman BI. Genotype-by-sex interaction on fasting insulin concentration: The hypergen study. *Diabetes*. 2007;56:137-142

Gourlay M, **Franceschini N**, Sheyn Y. Prevention and treatment strategies for glucocorticoid-induced osteoporotic fractures. *Clin Rheumatol*. 2007;26:144-153

Franceschini N, Wojczynski MK, Goring HH, Peralta JM, Dyer TD, Li X, Li H, North KE. Comparison of strategies for identification of regulatory quantitative trait loci of transcript expression traits. *BMC Proc*. 2007;1 Suppl 1:S85

Thomas DB, **Franceschini N**, Hogan SL, Ten Holder S, Jennette CE, Falk RJ, Jennette JC. Clinical and pathologic characteristics of focal segmental glomerulosclerosis pathologic variants. *Kidney Int*. 2006;69:920-926

Franceschini N, North KE, Kopp JB, McKenzie L, Winkler C. *NPHS2* gene, nephrotic syndrome and focal segmental glomerulosclerosis: A huge review. *Genet Med*. 2006;8:63-75

Franceschini N, Napravnik S, Finn WF, Szczech LA, Eron JJ, Jr. Immunosuppression, hepatitis c infection, and acute renal failure in hiv-infected patients. *J Acquir Immune Defic Syndr*. 2006;42:368-372

Franceschini N, MacCluer JW, Goring HH, Cole SA, Rose KM, Almasy L, Diego V, Laston S, Lee ET, Howard BV, Best LG, Fabsitz RR, Roman MJ, North KE. A quantitative trait loci-specific gene-by-sex interaction on systolic blood pressure among American Indians: The Strong Heart Family Study. *Hypertension*. 2006;48:266-270

Franceschini N, Savitz DA, Kaufman JS, Thorp JM. Maternal urine albumin excretion and pregnancy outcome. *Am J Kidney Dis*. 2005;45:1010-1018

Franceschini N, Napravnik S, Eron JJ, Jr., Szczech LA, Finn WF. Incidence and etiology of acute renal failure among ambulatory hiv-infected patients. *Kidney Int*. 2005;67:1526-1531

Kshirsagar AV, Poole C, Mottl A, Shoham D, **Franceschini N**, Tudor G, Agrawal M, Denu-Ciocca C, Magnus Ohman E, Finn WF. N-acetylcysteine for the prevention of radiocontrast

induced nephropathy: A meta-analysis of prospective controlled trials. *J Am Soc Nephrol*. 2004;15:761-769

Franceschini N, Cheng O, Zhang X, Ruiz P, Mannon RB. Inhibition of prolyl-4-hydroxylase ameliorates chronic rejection of mouse kidney allografts. *Am J Transplant*. 2003;3:396-402

Franceschini N, Alpers CE, Bennett WM, Andoh TF. Cyclosporine arteriolopathy: Effects of drug withdrawal. *Am J Kidney Dis*. 1998;32:247-253

Shihab FS, Andoh TF, Tanner AM, Noble NA, Border WA, **Franceschini N**, Bennett WM. Role of transforming growth factor-beta 1 in experimental chronic cyclosporine nephropathy. *Kidney Int*. 1996;49:1141-1151

Andoh TF, Lindsley J, **Franceschini N**, Bennett WM. Synergistic effects of cyclosporine and rapamycin in a chronic nephrotoxicity model. *Transplantation*. 1996;62:311-316

Pichler RH, **Franceschini N**, Young BA, Hugo C, Andoh TF, Burdmann EA, Shankland SJ, Alpers CE, Bennett WM, Couser WG, et al. Pathogenesis of cyclosporine nephropathy: Roles of angiotensin ii and osteopontin. *J Am Soc Nephrol*. 1995;6:1186-1196

Franceschini N, Goncalves LF, Prompt CA, Barros SG, Cerski CT, Costa CA. Liver histology in hepatitis B and C co-infection on hemodialysis patients. *Nephron*. 1994;68:515-516

Franceschini N, Goncalves LF, Prompt CA, Barros SG, Cerski CT, Costa CA. Fine needle aspirative biopsy of the liver in HBsAb-positive patients with end-stage renal failure. *Ren Fail*. 1994;16:491-499

Invited Book Chapters

Joy MS, Kshirsagar A, **Franceschini N**. 2007 (100 pages) Chronic kidney disease: Progression modifying therapies. In. Pharmacotherapy: a pathophysiologic approach. 7thd Ed. DiPiro JT et al, eds.

Invited Editorials and Review Articles

Franceschini N, Le TH. Genetics of hypertension: Discoveries from the bench to human populations. *Am J Physiol Renal Physiol*. 2014;306:F1-F11 (Review article)

Franceschini N, Chasman DI, Cooper-DeHoff RM, Arnett DK. Genetics, ancestry, and hypertension: Implications for targeted antihypertensive therapies. *Curr Hypertens Rep*. 2014;16:461 (Review article)

Franceschini N, Reiner AP, Heiss G. Recent findings in the genetics of blood pressure and hypertension traits. *Am J Hypertens*. 2011;24:392-400 (Review article)

Joy MS, Kshirsagar AV, **Franceschini N**. Calcimimetics and the treatment of primary and secondary hyperparathyroidism. *Ann Pharmacother*. 2004;38:1871-1880 (Review article)

Franceschini N, Hogan SL, Falk RJ. Primum non nocere: Should adults with idiopathic fsgs receive steroids? *Semin Nephrol*. 2003;23:229-233 (Editorial)

Bennett WM, Burdmann E, Andoh T, Elzinga L, **Franceschini N**. Nephrotoxicity of immunosuppressive drugs. *Miner Electrolyte Metab*. 1994;20:214-220 (Review article)

Society Clinical Guideline Papers

Gupta SK, Eustace JA, Winston JA, Boydstun, II, Ahuja TS, Rodriguez RA, Tashima KT, Roland M, **Franceschini N**, Palella FJ, Lennox JL, Klotman PE, Nachman SA, Hall SD, Szczech LA. Guidelines for the management of chronic kidney disease in hiv-infected patients: Recommendations of the HIV Medicine Association of the Infectious Diseases Society of America. *Clin Infect Dis*. 2005;40:1559-1585

TEACHING RECORD

CLASSROOM INSTRUCTION/INVITED GUEST LECTURER
University of North Carolina, Chapel Hill, NC

Lead Instructor

Spring 2016	EPID 799: Epidemiology of Kidney Disease

Co-Instructor

Spring 2013	EPID 889: Special Topics in CVD Epidemiology

Invited Guess Instructor

Fall 2014	ENV 442 - TOX 442: Biochemical and Molecular Toxicology
Fall 2014	NUTR 696-018: Nutrition and Population Genetics
Spring 2006-2010, 2012	EPID 743: Genetic Epidemiology
Spring 2008	EPID 744: Advanced Genetic Epidemiology
Spring 2010	NUTR 812: Introduction to Obesity: From Cell to Society

Gillings School of Global Public Health, Cardiovascular Epidemiology Seminar

December 2013	Genetics of Hypertension and Kidney Traits
October 2011	Genetic Architecture of Hypertension: Recent Findings from Genome wide Association Studies in Minorities
November 2010	Genetics of Reproductive Lifespan
March 2009	Approaches for Gene Finding in Complex Diseases
Fall 2006	Genetic Epidemiology of Blood Pressure Variation

School of Medicine, Department of Genetics

Sept 12, 2012	Wednesday Research Colloquia Using trans-ethnic samples for discovery & fine mapping loci

University of Ulm, Germany

Lead Instructor

Patient Educational Material

Division of Nephrology & Hypertension, School of Medicine

2004 Patient educational material for FSGS and Membranous Nephropathy. Updates at: http://www.unckidneycenter.org/kidneyhealthlibrary/fsgs.html http://www.unckidneycenter.org/kidneyhealthlibrary/membranousg.html

CONTINUING MEDICAL EDUCATION LECTURES

Postgraduate Education Programs at National Meetings

Nov 8-13, 2011 **American Society of Nephrology**
2011 Program and Postgraduate Education
Session: Genetic Determinants of Hypertension and Cardiovascular Diseases
Lecture: Genetic Architecture of Hypertension: Recent Findings from GWAS in Minorities

UNC School of Medicine Division of Nephrology & Hypertension Grand Rounds

February 2009 Lecture: The Genetic Susceptibility to Complex Diseases
Fall 2004 Lecture: Albuminuria and the Risk of Preterm Birth
Fall 2003 Lecture: A Patient with Hypercalcemia

UNC School of Medicine North Carolina Continuing Medical Education Series

Fall 2007 Lecture: Hypokalemia not related to diuretics
Location: Veterans Administration Medical Center, Fayetteville, NC.
Fall 2005 Lecture: Chronic Kidney Disease
Location: Veterans Administration Medical Center, Fayetteville, NC.

Area Health Education Centers (AHEC) Continuing Medical Education Series

2004 Lecture: Acute Renal Failure
Location: New Hanover Regional Medical Center, Wilmington, NC.

MENTORING

Student Advising

Member of Doctoral Committee (Project title, Anticipated Graduation date)
Bonnie Pedersen Jobert (Malaria and HIV in Pregnancy (MHP) study in Malawi, May 2009)

Reader on Master Thesis (Project title, Anticipated Graduation date)
Lindsay Fernandes-Rhodes (The association of body mass index-related single nucleotide polymorphisms [SNPs] with age at menarche in the ReproGen Consortium, May 2011)

Member of Doctoral Committee (Project title, Anticipated Graduation date)
Lindsay Rhodes (Acculturation and genetic susceptibility to obesity among U.S. Hispanics, anticipated date: Spring/2016)

Amanda Eudy (Gestational weight gain, metabolic syndrome, and pregnancy outcomes in women with systemic lupus erythematosus (SLE), anticipated date: Spring/2016)

Academic Adviser

Koyal Jain, MD, UNC Master candidate - 2015

Past Mentoring

Post-doctoral fellows
UNC School of Medicine, Division of Nephrology & Hypertension
Amy Mottl, MD MPH (2004-2006), currently Assistant Professor, UNC School of Medicine

UNC School of Public Health, Department of Epidemiology
Tiana Garret, PhD MPH (2009-2011), currently EIS Officer, Center for Policy, Planning and Evaluation, Department of Health, Washington DC

National Institute of Environment Health Sciences
Laura Loehr (2010), currently Research Assistant Professor, UNC Department of Epidemiology

SERVICE

Professional

Member, Editor Board

2014- American Journal of Physiology-Renal Physiology

Membership, Societies

1993- International Society of Nephrology
1993- American Society of Nephrology
2005- Society of Epidemiology Research
2005- American Heart Association
2005- International Genetic Epidemiology Society
2010- American Society of Human Genetics

Committees, National and International Societies

2012- Education Ambassador, International Society of Nephrology (mentorship program for nephrologists of developing countries)
2012- Women's Health Initiative Publication & Presentation Committee

Converner, Scientific Working Groups

2008-2013 Convener, Protein Working Group, the CHARGE Consortium

2008-2014 Chair, Cardiovascular Disease Working Group, Population Architecture using Genomics and Epidemiology (PAGE)
2010- Co-convener and founder, the Continental Origens and Genetic Epidemiology Network Blood Pressure Consortium (COGENT-BP)
2013-2016 Moderator, Renal, Blood Pressure and Peripheral vascular Disease Genetic working groups, the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)
2014 Co-Chair, Blood Pressure and Kidney Working Groups, Population Architecture using Genomics and Epidemiology II (PAGE II)
2015- Moderator and Co-Convener, NHLBI TOPMed Kidney Working Group
2014- Co-convener and founder, the Continental Origens and Genetic Epidemiology Network Kidney Consortium (COGENT-Kidney)

Moderator of Oral Abstract Sessions, Society Meetings
2012 American Society of Human Genetics meeting
Moderator of session: GWAS from Head to Toe
2015 American Society of Nephrology
Moderator of session: Biomarkers and Treatment Targets in Diabetic Nephropahy
2016 CHARGE consortium
Moderator of session: Ascribing function to DNA sequence variants

Reviewer, Grants
2009 *Ad hoc* Reviewer, the American Diabetes Association
2014- *Ad hoc*, NIH DDK-D 1 - Kidney, Urologic and Hematologic Diseases D Subcommitteeand Kidney, Nutrition, Obesity and Diabetes Subcommittee (KNOD)
2013-2015 American Heart Association's Outcomes Study Group
2016- Reviewer, NIH/NIDDK, Special Emphasis Panel ZDK1 GRB-S

Reviewer, Peered Reviewed Journals
American Journal of Epidemiology, American Journal of Cardiology, American Journal of Hypertension, American Journal of Kidney Diseases, American Society of Human Genetics, Archives of Internal Medicine, BMC Medical Genetics, Circulation, Circulation Cardiovascular Genetics, Clinical Nephrology, Diabetes, Diabetes Care, Environmental Health Perspectives, Epidemiology, Genome Physiology, Human Genetics, Journal of the American Society of Nephrology, JAMA, Kidney International, Nephron Dialysis and Transplantation, Plos Genetics and others

UNC-CH Epidemiology Department Service
2008-2009 Member, Chair's Council group
2016 Member, Staff Excellence Award Committee

Faculty Engagement

2010- National Kidney Foundation Kidney Early Evaluation Program (KEEP)
2010- National Kidney Foundation Kidney Health Risk Assessment (KHRA)