

Publications 2014

1. Wood AR, Esko T, Yang J, Vedantam S, Pers TH, Gustafsson S, Chu AY, Estrada K, Luan J, Kutalik Z, Amin N, Buchkovich ML, Croteau-Chonka DC, Day FR, Duan Y, Fall T, Fehrmann R, Ferreira T, Jackson AU, Karjalainen J, Lo KS, Locke AE, Mägi R, Mihailov E, Porcu E, Randall JC, Scherag A, Vinkhuyzen AAE, Westra HJ, Winkler TW, Workalemahu T, Zhao JH, Absher D, Albrecht E, Anderson D, Baron J, Beekman M, Demirkan A, Ehret GB, Feenstra B, Feitosa MF, Fischer K, Fraser RM, Goel A, Gong J, Justice AE, Kanoni S, Kleber ME, Kristiansson K, Lim U, Lotay V, Lui JC, Mangino M, Leach IM, Medina-Gomez C, Nalls MA, Nyholt DR, Palmer CD, Pasko D, Pechlivanis S, Prokopenko I, Ried JS, Ripke S, Shungin D, Stancáková A, Strawbridge RJ, Sung YJ, Tanaka T, Teumer A, Trompet S, Van Der Laan SW, Van Setten J, Van Vliet-Ostaptchouk JV, Wang Z, Yengo L, Zhang W, Afzal U, Ärnlöv J, Arscott GM, Bandinelli S, Barrett A, Bellis C, Bennett AJ, Berne C, Blüher M, Bolton JL, Böttcher Y, Boyd HA, Bruinenberg M, Buckley BM, Buyske S, Caspersen IH, Chines PS, Clarke R, Claudi-Boehm S, Cooper M, Daw EW, De Jong PA, Deelen J, Delgado G, Denny JC, Dhonukshe-Rutten R, Dimitriou M, Doney ASF, Dörr M, Eklund N, Eury E, Folkersen L, Garcia ME, Geller F, Giedraitis V, Go AS, Grallert H, Grammer TB, Gräßler J, Grönberg H, De Groot LCPGM, Groves CJ, Haessler J, Hall P, Haller T, Hallmans G, Hannemann A, Hartman CA, Hassinen M, Hayward C, Heard-Costa NL, Helmer Q, Hemani G, Henders AK, Hillege HL, Hlatky MA, Hoffmann W, Hoffmann P, Holmen O, Houwing-Duistermaat JJ, Illig T, Isaacs A, James AL, Jeff J, Johansen B, Johansson Å, Jolley J, Juliusdottir T, Junntila J, Kho AN, Kinnunen L, Klopp N, Kocher T, Kratzer W, Lichtner P, Lind L, Lindström J, Lobbens S, Lorentzon M, Lu Y, Lyssenko V, Magnusson PKE, Mahajan A, Maillard M, McArdle WL, McKenzie CA, McLachlan S, McLaren PJ, Menni C, Merger S, Milani L, Moayyeri A, Monda KL, Morken MA, Müller G, Müller-Nurasyid M, Musk AW, Narisu N, Nauck M, Nolte IM, Nöthen MM, Oozageer L, Pilz S, Rayner NW, Renstrom F, Robertson NR, Rose LM, Roussel R, Sanna S, Scharnagl H, Scholtens S, Schumacher FR, Schunkert H, Scott RA, Sehmi J, Seufferlein T, Shi J, Silventoinen K, Smit JH, Smith AV, Smolonska J, Stanton AV, Stirrups K, Stott DJ, Stringham HM, Sundström J, Swertz MA, Syvänen AC, Tayo BO, Thorleifsson G, Tyer JP, Van Dijk S, Van Schoor NM, Van Der Velde N, Van Heemst D, Van Oort FVA, Vermeulen SH, Verweij N, Vonk JM, Waite LL, Waldenberger M, Wennauer R, Wilkens LR, Willenborg C, Wilsgaard T, Wojczynski MK, Wong A, Wright AF, Zhang Q, Arveiler D, Bakker SJL, Beilby J, Bergman RN, Bergmann S, Biffar R, Blangero J, Boomsma DI, Bornstein SR, Bovet P, Brambilla P, Brown MJ, Campbell H, Caulfield MJ, Chakravarti A, Collins R, Collins FS, Crawford DC, Cupples LA, Danesh J, De Faire U, Den Ruijter HM, Erbel R, Erdmann J, Eriksson JG, Farrall M, Ferrannini E, Ferrières J, Ford I, Forouhi NG, Forrester T, Gansevoort RT, Gejman PV, Gieger C, Golay A, Gottesman O, Gudnason V, Gyllensten U, Haas DW, Hall AS, Harris TB, Hattersley AT, Heath AC, Hengstenberg C, Hicks AA, Hindorff LA, Hingorani AD, Hofman A, Hovingh GK, Humphries SE, Hunt SC, Hypponen E, Jacobs KB, Jarvelin MR, Jousilahti P, Jula AM, Kaprio J, Kastelein JJP, Kayser M, Kee F, Keinanen-Kiukaanniemi SM, Kiemeney LA, Kooner JS, Kooperberg C, Koskinen S, Kovacs P, Kraja AT, Kumari M, Kuusisto J, Lakka TA, Langenberg C, Le Marchand L, Lehtimäki T, Lupoli S, Madden PAF, Männistö S, Manunta P, Marette A, Matise TC, McKnight B, Meitinger T, Moll FL, Montgomery GW, Morris AD, Morris AP, Murray JC, Nelis M, Ohlsson C, Oldehinkel AJ, Ong KK, Ouwehand WH, Pasterkamp G, Peters A, Pramstaller PP, Price JF, Qi L, Raitakari OT, Rankinen T, Rao DC, Rice TK, Ritchie M, Rudan I, Salomaa V, Samani NJ, Saramies J, Sarzynski MA, Schwarz PEH, Sebert S, Sever P, Shuldiner AR, Sinisalo J, Steinhorsdottir V, Stolk RP, Tardif JC, Tönjes A, Tremblay A, Tremoli E, Virtamo J, Vohl MC, Amouyel P, Asselbergs FW, Assimes TL, Bochud M, Boehm BO, Boerwinkle E, Bottinger EP, Bouchard C, Cauchi S, Chambers JC, Chanock SJ, Cooper RS, De Bakker PIW, Dedoussis G, Ferrucci L, Franks PW, Froguel P, Groop LC, Haiman CA, Hamsten A, Hayes MG, Hui J, Hunter DJ, Hveem K, Jukema JW, Kaplan RC, Kivimaki M, Kuh D, Laakso M, Liu Y, Martin NG, März W, Melbye M, Moebus S, Munroe PB, Njølstad I, Oostra BA, Palmer CNA, Pedersen NL, Perola M, Pérusse L, Peters U, Powell JE, Power C, Quertermous T, Rauramaa R, Reinmaa E, Ridker PM, Rivadeneira F, Rotter JI, Saaristo TE, Saleheen D, Schlessinger D, Slagboom PE, Snieder H, Spector TD, Strauch K, Stumvoll M, Tuomilehto J, Uusitupa M, Van Der Harst P, Völzke H, Walker M, Wareham NJ, Watkins H, Wichmann HE, Wilson JF, Zanen P, Deloukas P, Heid IM, Lindgren CM, Mohlke KL, Speliotes EK, Thorsteinsdottir U, Barroso I, Fox CS, North KE, Strachan DP, Beckmann JS, Berndt SI, Boehnke M, Borecki IB, McCarthy MI, Metspalu A, Stefansson K, Uitterlinden AG, Van Duijn CM, Franke L, Willer CJ, Price AL, Lettre G, Loos RJF, Weedon MN, Ingelsson E, O'Connell JR, Abecasis GR, Chasman DI, Goddard ME, Visscher PM, Hirschhorn JN, Frayling TM. Defining the Role of Common Variation in the Genomic and Biological Architecture of Adult Human Height. *Nature Genetics*. 2014;46(11):1173-86.

2. Wong TH, Chiu WZ, Breedveld GJ, Li KW, Verkerk AJMH, Hondius D, Hukema RK, Seelaar H, Frick P, Severijnen LA, Lammers GJ, Lebbink JHG, Van Duinen SG, Kamphorst W, Rozemuller AJ, Bank NB, Bakker EB, Neumann M, Willemse R, Bonifati V, Smit AB, Van Swieten J. Prkar1b Mutation Associated with a New Neurodegenerative Disorder with Unique Pathology. *Brain*. 2014;137(5):1361-73.
3. Won S, Kwon MS, Mattheisen M, Park S, Park C, Kihara D, Cichon S, Ophoff R, Nöthen MM, Rietschel M, Baur M, Uitterlinden AG, Hofmann A, Lange C. Efficient Strategy for Detecting Gene × Gene Joint Action and Its Application in Schizophrenia. *Genetic Epidemiology*. 2014;38(1):60-71.
4. Vojinovic D, Adams HHH, van der Lee SJ, Ibrahim-Verbaas CA, Brouwer R, van den Hout MCGN, Oole E, van Rooij J, Uitterlinden A, Hofman A, van Ijcken WFJ, Aartsma-Rus A, van Ommen GB, Ikram MA, van Duijn CM, Amin N. The Dystrophin Gene and Cognitive Function in the General Population. *European Journal of Human Genetics*. 2014.
5. Versmissen J, Oosterveer DM, Yazdanpanah M, Dehghan A, Hólm H, Erdman J, Aulchenko YS, Thorleifsson G, Schunkert H, Huijgen R, Vongpromek R, Uitterlinden AG, Defesche JC, van Duijn CM, Mulder M, Dadd T, Karlsson HD, Ordovas J, Kindt I, Jarman A, Hofman A, van Vark-van der Zee L, Blommesteijn-Touw AC, Kwekkeboom J, Liem AH, van der Ouderaa FJ, Calandra S, Bertolini S, Averna M, Langslet G, Ose L, Ros E, Almagro F, de Leeuw PW, Civeira F, Masana L, Pintó X, Simoons ML, Schinkel AF, Green MR, Zwinderman AH, Johnson KJ, Schaefer A, Neil A, Witteman JC, Humphries SE, Kastelein JJ, Sijbrands EJ. Identifying Genetic Risk Variants for Coronary Heart Disease in Familial Hypercholesterolemia: An Extreme Genetics Approach. *European Journal of Human Genetics*. 2014.
6. Van Wijngaarden JP, Swart KMA, Enneman AW, Dhonukshe-Rutten RAM, Van Dijk SC, Ham AC, Brouwer-Brolsma EM, Van Der Zwaluw NL, Sohl E, Van Meurs JBJ, Zillikens MC, Van Schoor NM, Van Der Velde N, Brug J, Uitterlinden AG, Lips P, De Groot LCPGM. Effect of Daily Vitamin B-12 and Folic Acid Supplementation on Fracture Incidence in Elderly Individuals with an Elevated Plasma Homocysteine Concentration: B-Proof, a Randomized Controlled Trial. *American Journal of Clinical Nutrition*. 2014;100(6):1578-86.
7. Van Mil NH, Steegers-Theunissen RPM, Bouwland-Both MI, Verbiest MMPJ, Rijlaarsdam J, Hofman A, Steegers EAP, Heijmans BT, Jaddoe VWV, Verhulst FC, Stolk L, Eilers PHC, Uitterlinden AG, Tiemeier H. DNA Methylation Profiles at Birth and Child Adhd Symptoms. *Journal of Psychiatric Research*. 2014;49(1):51-9.
8. Van Mil NH, Bouwl-Both MI, Stolk L, Verbiest MMPJ, Hofman A, Jaddoe VWV, Verhulst FC, Eilers PHC, Uitterlinden AG, Steegers EAP, Tiemeier H, Steegers-Theunissen RGPM. Determinants of Maternal Pregnancy One-Carbon Metabolism and Newborn Human DNA Methylation Profiles. *Reproduction*. 2014;148(6):581-92.
9. Van Leeuwen EM, Smouter FAS, Kam-Thong T, Karbalai N, Smith AV, Harris TB, Launer LJ, Slatani CM, Li G, Brody JA, Bis JC, White CC, Jaiswal A, Oostra BA, Hofman A, Rivadeneira F, Uitterlinden AG, Boerwinkle E, Ballantyne CM, Gudnason V, Psaty BM, Cupples LA, Järvelin MR, Ripatti S, Isaacs A, Müller-Myhsok B, Karssen LC, Van Duijn CM. The Challenges of Genome-Wide Interaction Studies: Lessons to Learn from the Analysis of HdL Blood Levels. *PLoS ONE*. 2014;9(10).
10. Van Dijk SC, Enneman AW, Van Meurs J, Swart KMA, Ham AH, Van Wijngaarden JP, Brouwer-Brolsma EM, Van der Zwaluw NL, Van Schoor NM, Dhonukshe-Rutten RAM, De Groot LCPGM, Lips P, Uitterlinden AG, Blom H, Geleijnse JM, Feskens E, De Jongh RT, Smulders YM, Van den Meiracker AH, Mattace-Raso FUS, Van der Velde N. B-Vitamin Levels and Genetics of Hyperhomocysteinemia Are Not Associated with Arterial Stiffness. *Nutrition, Metabolism and Cardiovascular Diseases*. 2014;24(7):760-6.
11. Van Der Valk RJP, Duijts L, Timpson NJ, Salam MT, Standl M, Curtin JA, Genuneit J, Kerhof M, Kreiner-Møller E, Cáceres A, Gref A, Liang LL, Taal HR, Bouzigon E, Demenais F, Nadif R, Ober C, Thompson EE, Estrada K, Hofman A, Uitterlinden AG, Van Duijn C, Rivadeneira F, Li X, Eckel SP, Berhane K, Gauderman WJ, Granell R, Evans DM, St Pourcain B, McArdle W, Kemp JP, Smith GD, Tiesler CMT,

- Flexeder C, Simpson A, Murray CS, Fuchs O, Postma DS, Bønnelykke K, Torrent M, Andersson M, Sleiman P, Hakonarson H, Cookson WO, Moffatt MF, Paternoster L, Melén E, Sunyer J, Bisgaard H, Koppelman GH, Ege M, Custovic A, Heinrich J, Gilliland FD, Henderson AJ, Jaddoe VWV, De Jongste JC. Fraction of Exhaled Nitric Oxide Values in Childhood Are Associated with 17q11.2-Q12 and 17q12-Q21 Variants. **Journal of Allergy and Clinical Immunology**. 2014;134(1):46-55.
12. Van Der Knaap LJ, Riese H, Hudziak JJ, Verbiest MMPJ, Verhulst FC, Oldehinkel AJ, Van Oort FVA. Glucocorticoid Receptor Gene (Nr3c1) Methylation Following Stressful Events between Birth and Adolescence. The Trails Study. **Translational Psychiatry**. 2014;4.
13. Valdes AM, Meulenbelt I, Chassaing E, Arden NK, Bierma-Zeinstra S, Hart D, Hofman A, Karsdal M, Kloppenburg M, Kroon HM, Slagboom EP, Spector TD, Uitterlinden AG, Van Meurs JB, Bay-Jensen AC. Large Scale Meta-Analysis of Urinary C-Terminal Telopeptide, Serum Cartilage Oligomeric Protein and Matrix Metalloprotease Degraded Type II Collagen and Their Role in Prevalence, Incidence and Progression of Osteoarthritis. **Osteoarthritis and Cartilage**. 2014;22(5):683-9.
14. 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 YPC, Elbers CC, Farrall M, Fischer ME, Gaunt TR, Gho JMIH, Gieger C, Goel A, Gong Y, Isaacs A, Kleber ME, Leach IM, McDonough CW, Meijs MFL, Melander O, Nelson CP, Nolte IM, Pankratz N, Price TS, Shaffer J, Shah S, Tomaszewski M, Van Der Most PJ, Van Iperen EPA, Vonk JM, Witkowska K, Wong COL, Zhang L, Beitzelshees 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, Ridker P, 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, Doevidans PA, Dominiczak AF, Fitzgerald GA, Gums JG, Fornage M, Hakonarson H, Halder I, Hillege HL, Illig T, Jarvik GP, Johnson JA, Kastelein JJP, Koenig W, Kumari M, März 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 PIW, 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. **American Journal of Human Genetics**. 2014;94(3):349-60.
15. 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, Gläser 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 JL, Schulz H, Smith LJ, Sood A, Starr JM, Strachan DP, Teumer A, Uitterlinden AG, Völzke H, Voorman A, Wain LV, Wells MT, Wilk JB, Williams OD, Heckbert SR, Stricker BH, London SJ, Fornage M, Tobin MD, O'Connor GT, Hall IP, Cassano PA. Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. **PLoS ONE**. 2014;9(7).
16. Styrkarsdottir U, Thorleifsson G, Helgadottir HT, Bomer N, Metrustry S, Bierma-Zeinstra S, Strijbosch AM, Evangelou E, Hart D, Beekman M, Jonasdottir A, Sigurdsson A, Eiriksson FF, Thorsteinsdottir M, Frigge ML, Kong A, Gudjonsson SA, Magnusson OT, Masson G, Hofman A, Arden NK, Ingvarsson T, Lohmander S, Kloppenburg M, Rivadeneira F, Nelissen RGHH, Spector T, Uitterlinden A, Slagboom PE, Thorsteinsdottir U, Jonsdottir I, Valdes AM, Meulenbelt I, Van Meurs J, Jonsson H, Stefansson K. Severe Osteoarthritis of the Hand Associates with Common Variants within the Aldh1a2 Gene and with Rare Variants at 1p31. **Nature Genetics**. 2014;46(5):498-502.

17. Stergiakouli E, Gaillard R, Tavaré JM, Balthasar N, Loos RJ, Taal HR, Evans DM, Rivadeneira F, St Pourcain B, Uitterlinden AG, Kemp JP, Hofman A, Ring SM, Cole TJ, Jaddoe VWV, Smith GD, Timpson NJ. Genome-Wide Association Study of Height-Adjusted Bmi in Childhood Identifies Functional Variant in Adcy3. **Obesity**. 2014;22(10):2252-9.
18. Smolonska J, Koppelman GH, Wijmenga C, Vonk JM, Zanen P, Bruinenberg M, Curjuric I, Imboden M, Thun GA, Franke L, Probst-Hensch NM, Nürnberg P, Riemersma RA, Van Schayck CP, Loth DW, Brusselle GG, Stricker BH, Hofman A, Uitterlinden AG, Lahousse L, London SJ, Loehr LR, Manichaikul A, Graham Barr R, Donohue KM, Rich SS, Pare P, Bossé Y, Hao K, Van Den Berge M, Groen HJM, Lammers JWJ, Mali W, Marike Boezen H, Postma DS. Common Genes Underlying Asthma and Copd? Genome-Wide Analysis on the Dutch Hypothesis. **European Respiratory Journal**. 2014;44(4):860-72.
19. Simpson CL, Wojciechowski R, Oexle K, Murgia F, Portas L, Li X, Virginie JMV, Vitart V, Schache M, Mohsen Hosseini S, Hysi PG, Raffel LJ, Cotch MF, Chew E, Klein BEK, Klein R, Wong TY, Van Duijn CM, Mitchell P, Saw SM, Fossarello M, Wang JJ, Polášek O, Campbell H, Rudan I, Oostra BA, Uitterlinden AG, Hofman A, Rivadeneira F, Amin N, Karssen LC, Vingerling JR, Döring A, Bettecken T, Bencic G, Gieger C, Wichmann HE, Wilson JF, Venturini C, Fleck B, Cumberland PM, Rahi JS, Hammond CJ, Hayward C, Wright AF, Paterson AD, Baird PN, Klaver CCW, Rotter JI, Pirastu M, Meitinger T, Bailey-Wilson JE, Stambolian D. Genome-Wide Meta-Analysis of Myopia and Hyperopia Provides Evidence for Replication of 11 Loci. **PLoS ONE**. 2014;9(9).
20. Simino J, Shi G, Bis JC, Chasman DI, Ehret GB, Gu X, Guo X, Hwang SJ, Sijbrands E, Smith AV, Verwoert GC, Bragg-Gresham JL, Cadby G, Chen P, Cheng CY, Corre T, De Boer RA, Goel A, Johnson T, Khor CC, Lluís-Ganella C, Luan J, Lyttikäinen LP, Nolte IM, Sim X, Söber S, Van Der Most PJ, Verweij N, Zhao JH, Amin N, Boerwinkle E, Bouchard C, Dehghan A, Eiriksdottir G, Elosua R, Franco OH, Gieger C, Harris TB, Hercberg S, Hofman A, James AL, Johnson AD, Kähönen M, Khaw KT, Kutalik Z, Larson MG, Launer LJ, Li G, Liu J, Liu K, Morrison AC, Navis G, Ong RTH, Papanicolau GJ, Penninx BW, Psaty BM, Raffel LJ, Raitakari OT, Rice K, Rivadeneira F, Rose LM, Sanna S, Scott RA, Siscovick DS, Stolk RP, Uitterlinden AG, Vaidya D, Van Der Klauw MM, Vasan RS, Vithana EN, Völker U, Völzke H, Watkins H, Young TL, Aung T, Bochud M, Farrall M, Hartman CA, Laan M, Lakatta EG, Lehtimäki T, Loos RJF, Lucas G, Meneton P, Palmer LJ, Rettig R, Snieder H, Tai ES, Teo YY, Van Der Harst P, Wareham NJ, Wijmenga C, Wong TY, Fornage M, Gudnason V, Levy D, Palmas W, Ridker PM, Rotter JI, Van Duijn CM, Witteman JCM, Chakravarti A, Rao DC. Gene-Age Interactions in Blood Pressure Regulation: A Large-Scale Investigation with the Charge, Global Bpgen, and Icbp Consortia. **American Journal of Human Genetics**. 2014;95(1):24-38.
21. Schenk E, Essand M, Kraaij R, Adamson R, Maitland NJ, Bangma CH. Preclinical Safety Assessment of Ad[1/Ppt-E1a], a Novel Oncolytic Adenovirus for Prostate Cancer. **Human Gene Therapy Clinical Development**. 2014;25(1):7-15.
22. Roux C, Hofbauer LC, Ho PR, Wark JD, Zillikens MC, Fahrleitner-Pammer A, Hawkins F, Micaelo M, Minisola S, Papaioannou N, Stone M, Ferreira I, Siddhanti S, Wagman RB, Brown JP. Denosumab Compared with Risedronate in Postmenopausal Women Suboptimally Adherent to Alendronate Therapy: Efficacy and Safety Results from a Randomized Open-Label Study. **Bone**. 2014;58:48-54.
23. Rodriguez-Fontenla C, Calaza M, Evangelou E, Valdes AM, Arden N, Blanco FJ, Carr A, Chapman K, Deloukas P, Doherty M, Esko T, Garcés Aletá CM, Gomez-Reino Carnota JJ, Helgadottir H, Hofman A, Jonsdottir I, Kerkhof HJM, Kloppenburg M, McCaskie A, Ntzani EE, Ollier WER, Oreiro N, Panoutsopoulou K, Ralston SH, Ramos YF, Riancho JA, Rivadeneira F, Slagboom PE, Styrkarsdottir U, Thorsteinsdottir U, Thorleifsson G, Tsezou A, Uitterlinden AG, Wallis GA, Wilkinson JM, Zhai G, Zhu Y, Felson DT, Ioannidis JPA, Loughlin J, Metspalu A, Meulenbelt I, Stefansson K, Van Meurs JB, Zeggini E, Spector TD, Gonzalez A. Assessment of Osteoarthritis Candidate Genes in a Meta-Analysis of Nine Genome-Wide Association Studies. **Arthritis and Rheumatology**. 2014;66(4):940-9.
24. Rietveld CA, Esko T, Davies G, Pers TH, Turley P, Benyamin B, Chabris CF, Emilsson V, Johnson AD, Lee JJ, De Leeuw C, Marioni RE, Medland SE, Miller MB, Rostapshova O, Van Der Lee SJ, Vinkhuyzen AAE, Amin N, Conley D, Derringer J, Van Duijn CM, Fehrmann R, Franke L, Glaeser EL, Hansell NK, Hayward

- C, Iacono WG, Ibrahim-Verbaas C, Jaddoe V, Karjalainen J, Laibson D, Lichtenstein P, Liewald DC, Magnusson PKE, Martin NG, McGue M, McMahon G, Pedersen NL, Pinker S, Porteous DJ, Posthuma D, Rivadeneira F, Smithk BH, Starr JM, Tiemeier H, Timpson NJ, Trzaskowskin M, Uitterlinden AG, Verhulst FC, Ward ME, Wright MJ, Smith GD, Deary IJ, Johannesson M, Plomin R, Visscher PM, Benjamin DJ, Cesarini D, Koellinger PD. Common Genetic Variants Associated with Cognitive Performance Identified Using the Proxy-Phenotype Method. **Proceedings of the National Academy of Sciences of the United States of America**. 2014;111(38):13790-4.
25. Ramos YFM, Metrustry S, Arden N, Bay-Jensen AC, Beekman M, de Craen AJM, Cupples LA, Esko T, Evangelou E, Felson DT, Hart DJ, Ioannidis JPA, Karsdal M, Kloppenburg M, Lafeber F, Metspalu A, Panoutsopoulou K, Slagboom PE, Spector TD, Van Spil EWE, Uitterlinden AG, Zhu Y, Valdes AM, Van Meurs JBJ, Meulenbelt I. Meta-Analysis Identifies Loci Affecting Levels of the Potential Osteoarthritis Biomarkers Scomp and Uctx-li with Genome Wide Significance. **Journal of Medical Genetics**. 2014;51(9):596-604.
26. 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, Tsernikova N, Tikkonen 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, Coville 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, Guðnason 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. Parent-of-Origin-Specific Allelic Associations among 106 Genomic Loci for Age at Menarche. **Nature**. 2014;514(7520):92-7.
27. Peloso GM, Auer PL, Bis JC, Voorman A, Morrison AC, Stitziel NO, Brody JA, Khetarpal SA, Crosby JR, Fornage M, Isaacs A, Jakobsdottir J, Feitosa MF, Davies G, Huffman JE, Manichaikul A, Davis B, Lohman K, Joon AY, Smith AV, Grove ML, Zanoni P, Redon V, Demissie S, Lawson K, Peters U, Carlson C, Jackson RD, Ryckman KK, MacKey RH, Robinson JG, Siscovick DS, Schreiner PJ, Mychaleckyj JC, Pankow JS, Hofman A, Uitterlinden AG, Harris TB, Taylor KD, Stafford JM, Reynolds LM, Marioni RE, Dehghan A, Franco OH, Patel AP, Lu Y, Hindy G, Gottesman O, Bottinger EP, Melander O, Orho-Melander M, Loos RJF, Duga S, Merlini PA, Farrall M, Goel A, Asselta R, Girelli D, Martinelli N, Shah SH, Kraus WE, Li M, Rader DJ, Reilly MP, McPherson R, Watkins H, Ardissino D, Zhang Q, Wang J, Tsai MY, Taylor HA, Correa A, Griswold ME, Lange LA, Starr JM, Rudan I, Eiriksdottir G, Launer LJ, Ordovas JM, Levy D, Chen YDI, Reiner AP, Hayward C, Polasek O, Deary IJ, Borecki IB, Liu Y, Guðnason V, Wilson JG, Van Duijn CM, Kooperberg C, Rich SS, Psaty BM, Rotter JI, O'Donnell CJ, Rice K, Boerwinkle E, Kathiresan S, Cupples LA. Association of Low-Frequency and Rare Coding-Sequence Variants with Blood Lipids and Coronary Heart Disease in 56,000 Whites and Blacks. **American Journal of Human Genetics**. 2014;94(2):223-32.
28. Oei L, Hsu YH, Styrkarsdottir U, Eussen BH, de Klein A, Peters MJ, Halldorsson B, Liu CT, Alonso N, Kaptoge SK, Thorleifsson G, Hallmans G, Hocking LJ, Husted LB, Jameson KA, Kingdom MK, Lewis JR, Patel MS, Scollen S, Svensson O, Trompet S, van Schoor NM, Zhu K, Buckley BM, Cooper C, Ford I, Goltzman D, González-Macías J, Langdahl BL, Leslie WD, Lips P, Lorenc RS, Olmos JM, Pettersson-Kymmer U, Reid DM, Riancho JA, Slagboom PE, Garcia-Ibarbia C, Ingvarsson T, Johannsdottir H, Luben R, Medina-Gómez C, Arp P, Nandakumar K, Palsson ST, Sigurdsson G, van Meurs JBJ, Zhou Y, Hofman A, Jukeme JW, Pols HAP, Prince RL, Cupples LA, Marshall CR, Pinto D, Sato DK, Scherer SW, Reeve J, Thorsteinsdottir U, Karasik D, Richards JB, Stefansson K, Uitterlinden AG, Ralston SH, Ioannidis JPA, Kiel DP, Rivadeneira F, Estrada K. A Genome-Wide Copy Number Association Study of Osteoporotic Fractures Points to the 6p25.1 Locus. **Journal of Medical Genetics**. 2014;51(2):122-31.
29. Oei L, Estrada K, Duncan EL, Christiansen C, Liu CT, Langdahl BL, Obermayer-Pietsch B, Riancho JA, Prince RL, van Schoor NM, McCloskey E, Hsu YH, Evangelou E, Ntzani E, Evans DM, Alonso N, Husted LB, Valero C, Hernandez JL, Lewis JR, Kaptoge SK, Zhu K, Cupples LA, Medina-Gómez C, Vandenput L,

- Kim GS, Lee SH, Castaño-Betancourt MC, Oei EHG, Martinez J, Daroszewska A, van der Klift M, Mellström D, Herrera L, Karlsson MK, Hofman A, Ljunggren Ö, Pols HAP, Stolk L, van Meurs JBJ, Ioannidis JPA, Zillikens MC, Lips P, Karasik D, Uitterlinden AG, Styrkarsdottir U, Brown MA, Koh JM, Richards JB, Reeve J, Ohlsson C, Ralston SH, Kiel DP, Rivadeneira F. Genome-Wide Association Study for Radiographic Vertebral Fractures: A Potential Role for the 16q24 Bmd Locus. **Bone**. 2014;59:20-7.
30. Oei L, Campos-Obando N, Dehghan A, Oei EHG, Stolk L, Van Meurs JBJ, Hofman A, Uitterlinden AG, Franco OH, Zillikens MC, Rivadeneira F. Dissecting the Relationship between High-Sensitivity Serum C-Reactive Protein and Increased Fracture Risk: The Rotterdam Study. **Osteoporosis International**. 2014;25(4):1247-54.
31. Moayyeri A, Hsu YH, Karasik D, Estrada K, Xiao SM, Nielson C, Srikanth P, Giroux S, Wilson SG, Zheng HF, Smith AV, Pye SR, Leo PJ, Teumer A, Hwang JY, Ohlsson C, McGuigan F, Minster RL, Hayward C, Olmos JM, Lyytikäinen LP, Lewis JR, Swart KMA, Masi L, Oldmeadow C, Holliday EG, Cheng S, Van Schoor NM, Harvey NC, Kruk M, Del Greco FM, Igl W, Trummer O, Grigoriou E, Luben R, Liu CT, Zhou Y, Oei L, Medina-Gomez C, Zmuda J, Tranah G, Brown SJ, Williams FM, Soranzo N, Jakobsdottir J, Siggeirs dottir K, Holliday KL, Hannemann A, Go MJ, Garcia M, Polasek O, Laaksonen M, Zhu K, Enneman AW, McEvoy M, Pee R, Sham PC, Jaworski M, Johansson A, Hicks AA, Pludowski P, Scott R, Dhonukshe-Rutten RAM, van Der Velde NV, Kaöhönen M, Viikari JS, Sievänen H, Raitakari OT, González-Macías J, Hernández JL, Mellström D, Ljunggren O, Cho YS, Völker U, Nauck M, Homuth G, Völzke H, Haring R, Brown MA, McCloskey E, Nicholson GC, Eastell R, Eisman JA, Jones G, Reid IR, Dennison EM, Wark J, Boonen S, Vanderschueren D, Wu FCW, Aspelund T, Richards JB, Bauer D, Hofman A, Khaw KT, Dedousis G, Obermayer-Pietsch B, Gyllensten U, Pramstaller PP, Lorenc RS, Cooper C, Kung AWC, Lips P, Alen M, Attia J, Brandi ML, de Groot LCPGM, Lehtimäki T, Riancho JA, Campbell H, Liu Y, Harris TB, Akesson K, Karlsson M, Jong-Lee Y, Wallaschofski H, Duncan EL, O'Neill TW, Gudnason V, Spector TD, Rousseau F, Orwoll E, Cummings SR, Wareham NJ, Rivadeneira F, Uitterlinden AG, Prince RL, Kiel DP, Reeve J, Kaptoge SK. Genetic Determinants of Heel Bone Properties: Genome-Wide Association Meta-Analysis and Replication in the Gefos/Genomos Consortium. **Human Molecular Genetics**. 2014;23(11):3054-68.
32. Medici M, Porcu E, Pistis G, Teumer A, Brown SJ, Jensen RA, Rawal R, Roef GL, Plantinga TS, Vermeulen SH, Lahti J, Simmonds MJ, Husemoen LLN, Freathy RM, Shields BM, Pietzner D, Nagy R, Broer L, Chaker L, Korevaar TIM, Plia MG, Sala C, Völker U, Richards JB, Sweep FC, Gieger C, Corre T, Kajantie E, Thuesen B, Taes YE, Visser WE, Hattersley AT, Kratzsch J, Hamilton A, Li W, Homuth G, Lobina M, Mariotti S, Soranzo N, Cocca M, Nauck M, Spielhagen C, Ross A, Arnold A, van de Bunt M, Liyanarachchi S, Heier M, Grabe HJ, Masciullo C, Galesloot TE, Lim EM, Reischl E, Leedman PJ, Lai S, Delitala A, Bremner AP, Philips DIW, Beilby JP, Mulas A, Vocale M, Abecasis G, Forsen T, James A, Widen E, Hui J, Prokisch H, Rietzschel EE, Palotie A, Feddema P, Fletcher SJ, Schramm K, Rotter JL, Kluttig A, Radke D, Traglia M, Surdulescu GL, He H, Franklyn JA, Tiller D, Vaidya B, de Meyer T, Jørgensen T, Eriksson JG, O'Leary PC, Wichmann E, Hermus AR, Psaty BM, Ittermann T, Hofman A, Bosi E, Schlessinger D, Wallaschofski H, Pirastu N, Aulchenko YS, de la Chapelle A, Netea-Maier RT, Gough SCL, Meyer zu Schwabedissen H, Frayling TM, Kaufman JM, Linneberg A, Räikkönen K, Smit JWA, Kiemeney LA, Rivadeneira F, Uitterlinden AG, Walsh JP, Meisinger C, den Heijer M, Visser TJ, Spector TD, Wilson SG, Völzke H, Cappola A, Toniolo D, Sanna S, Naitza S, Peeters RP. Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. **PLoS Genetics**. 2014;10(2).
33. Mandaviya PR, Stolk L, Heil SG. Homocysteine and DNA Methylation: A Review of Animal and Human Literature. **Molecular Genetics and Metabolism**. 2014;113(4):243-52.
34. Mahajan A, Go MJ, Zhang W, Below JE, Gaulton KJ, Ferreira T, Horikoshi M, Johnson AD, Ng MCY, Prokopenko I, Saleheen D, Wang X, Zeggini E, Abecasis GR, Adair LS, Almgren P, Atalay M, Aung T, Baldassarre D, Balkau B, Bao Y, Barnett AH, Barroso I, Basit A, Been LF, Beilby J, Bell GI, Benediktsson R, Bergman RN, Oboehm B, Boerwinkle E, Bonnycastle LL, Burtt N, Cai Q, Campbell H, Carey J, Cauchi S, Caulfield M, Chan JCN, Chang LC, Chang TJ, Chang YC, Charpentier G, Chen CH, Chen H, Chen YT, Chia KS, Chidambaram M, Chines PS, Cho NH, Cho YM, Chuang LM, Collins FS, Cornelis MC, Couper DJ, Crenshaw AT, Van Dam RM, Danesh J, Das D, De Faire U, Dedousis G, Deloukas P, Dimas AS, Dina C,

Doney ASF, Donnelly PJ, Dorkhan M, Van Duijn C, Dupuis J, Edkins S, Elliott P, Emilsson V, Erbel R, Eriksson JG, Escobedo J, Esko T, Eury E, Florez JC, Fontanillas P, Forouhi NG, Forsen T, Fox C, Fraser RM, Frayling TM, Froguel P, Frossard P, Gao Y, Gertow K, Gieger C, Gigante B, Grallert H, Grant GB, Groop LC, Groves CJ, Grundberg E, Guiducci C, Hamsten A, Han BG, Hara K, Hassanali N, Hattersley AT, Hayward C, Hedman AK, Herder C, Hofman A, Holmen OL, Hovingh K, Hreidarsson AB, Hu C, Hu FB, Hui J, Humphries SE, Hunt SE, Hunter DJ, Hveem K, Hydrie ZI, Ikegami H, Illig T, Ingelsson E, Islam M, Isomaa B, Jackson AU, Jafar T, James A, Jia W, Jöckel KH, Jonsson A, Jowett JBM, Kadewaki T, Kang HM, Kanoni S, Kao WHL, Kathiresan S, Kato N, Katulanda P, Keinanen-Kiukaanniemi SM, Kelly AM, Khan H, Khaw KT, Khor CC, Kim HL, Kim S, Kim YJ, Kinnunen L, Klopp N, Kong A, Korpi-Hyövälti E, Kowlessur S, Kraft P, Kravick J, Kristensen MM, Krishika S, Kumar A, Kumate J, Kuusisto J, Kwak SH, Laakso M, Lagou V, Lakka TA, Langenberg C, Langford C, Lawrence R, Leander K, Lee JM, Lee NR, Li M, Li X, Li Y, Liang J, Liju S, Lim WY, Lind L, Lindgren CM, Lindholm E, Liu CT, Liu JJ, Lobbens S, Long J, Loos RJF, Lu W, Luan J, Lyssenko V, Wma RC, Maeda S, Mägi R, Männistö S, Matthews DR, Meigs JB, Melander O, Metspalu A, Meyer J, Mirza G, Mihailov E, Moebus S, Mohan V, Mohlke KL, Morris AD, Wmühleisen T, Müller-Nurasyid M, Musk B, Nakamura J, Nakashima E, Navarro P, Ng PK, Nica AC, Nilsson PM, Njølstad I, Nöthen MM, Ohnaka K, Ong TH, Owen KR, Palmer CNA, Pankow JS, Park KS, Parkin M, Pechlivanis S, Pedersen NL, Peltonen L, Perry JRB, Peters A, Pinidiyapathirage JM, Platou CGP, Potter S, Price JF, Qi L, Radha V, Rallidris L, Rasheed A, Rathmann W, Rauramaa R, Raychaudhuri S, Rayner NW, Rees SD, Rehnberg E, Ripatti S, Robertson N, Roden M, Rossin EJ, Rudan I, Rybin D, Saaristo TE, Salomaa V, Saltevo J, Samuel M, Ksanghera D, Saramies J, Scott J, Scott LJ, Scott RA, Segrè AV, Sehmi J, Sennblad B, Shah N, Shah S, Shera AS, Shu XO, Shuldiner AR, Sigurosson G, Sijbrands E, Silveira A, Sim X, Sivapalaratnam S, Small KS, So WY, Stančáková A, Stefansson K, Steinbach G, Steinhorsdottir V, Stirrups K, Strawbridge RJ, Stringham HM, Sun Q, Suo C, Syvänen AC, Takayanagi R, Takeuchi F, Tay WT, Teslovich TM, Thorand B, Thorleifsson G, Thorsteinsdottir U, Tikkanen E, Trakalo J, Tremoli E, Trip MD, Tsai FJ, Tuomi T, Tuomilehto J, Uitterlinden AG, Valladares-Salgado A, Vedantam S, Veglia F, Voight BF, Wang C, Wareham NJ, Wennauer R, Wickremasinghe AR, Wilsgaard T, Wilson JF, Wiltshire S, Winckler W, Wong TY, Wood AR, Wu JY, Wu Y, Yamamoto K, Yamauchi T, Yang M, Yengo L, Yokota M, Young R, Zabaneh D, Zhang F, Zhang R, Zheng W, Zimmet PZ, Altshuler D, Bowden DW, Cho YS, Cox NJ, Cruz M, Hanis CL, Kooner J, Lee JY, Seielstad M, Teo YY, Boehnke M, Parra EJ, Chambers JC, Tai ES, McCarthy MI, Morris AP. Genome-Wide Trans-Ancestry Meta-Analysis Provides Insight into the Genetic Architecture of Type 2 Diabetes Susceptibility. **Nature Genetics**. 2014;46(3):234-44.

35. Lundby A, Rossin EJ, Steffensen AB, Acha MR, Newton-Cheh C, Pfeufer A, Lynch SN, Olesen SP, Brunak S, Ellinor PT, Jukema JW, Trompet S, Ford I, MacFarlane PW, Krijthe BP, Hofman A, Uitterlinden AG, Stricker BH, Nathoe HM, Spiering W, Daly MJ, Asselbergs FW, Van Der Harst P, Milan DJ, De Bakker PIW, Lage K, Olsen JV. Annotation of Loci from Genome-Wide Association Studies Using Tissue-Specific Quantitative Interaction Proteomics. **Nature Methods**. 2014;11(8):868-74.
36. Lubitz SA, Lunetta KL, Lin H, Arking DE, Trompet S, Li G, Krijthe BP, Chasman DI, Barnard J, Kleber ME, Dörr M, Ozaki K, Smith AV, Müller-Nurasyid M, Walter S, Agarwal SK, Bis JC, Brody JA, Chen LY, Everett BM, Ford I, Franco OH, Harris TB, Hofman A, Kääb S, Mahida S, Kathiresan S, Kubo M, Launer LJ, Macfarlane PW, Magnani JW, McKnight B, McManus DD, Peters A, Psaty BM, Rose LM, Rotter JI, Silbernagel G, Smith JD, Sotoodehnia N, Stott DJ, Taylor KD, Tomaschitz A, Tsunoda T, Uitterlinden AG, Van Wagoner DR, Völker U, Völzke H, Murabito JM, Sinner MF, Gudnason V, Felix SB, März W, Chung M, Albert CM, Stricker BH, Tanaka T, Heckbert SR, Jukema JW, Alonso A, Benjamin EJ, Ellinor PT. Novel Genetic Markers Associate with Atrial Fibrillation Risk in Europeans and Japanese. **Journal of the American College of Cardiology**. 2014;63(12):1200-10.
37. Louwers YV, Rayner NW, Herrera BM, Stolk L, Groves CJ, Barber TM, Uitterlinden AG, Franks S, Laven JSE, McCarthy MI. Bmi-Associated Alleles Do Not Constitute Risk Alleles for Polycystic Ovary Syndrome Independently of Bmi: A Case-Control Study. **PLoS ONE**. 2014;9(1).
38. 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, Kähönen M, Flexeder C, Albrecht E, Lopez LM, De Jong K, Thyagarajan B, Alves AC, Enroth S, Oménaas E, Joshi PK, Fall T, Viñuela 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, Pietiläinen 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, Völzke 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 JBJ, 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, Gläser 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, Heliövaara 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, Melén 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. *Nature Genetics*. 2014;46(7):669-77.

39. Liu F, Hendriks AEJ, Ralf A, Boot AM, Beny E, Sävendahl L, Oostra BA, Van Duijn C, Hofman A, Rivadeneira F, Uitterlinden AG, Drop SLS, Kayser M. Common DNA Variants Predict Tall Stature in Europeans. *Human Genetics*. 2014;133(5):587-97.
40. Ling Y, van Herpt TTW, van Hoek M, Dehghan A, Hofman A, Uitterlinden AG, Jiang S, Lieverse AG, Bravenboer B, Lu D, van Duijn CM, Gao X, Sijbrands EJG. A Genetic Variant in Slc6a20 Is Associated with Type 2 Diabetes in White-European and Chinese Populations. *Diabetic Medicine*. 2014.
41. Li Q, Wojciechowski R, Simpson CL, Hysi PG, Verhoeven VJM, Ikram MK, Höhn R, Vitart V, Hewitt AW, Oexle K, Mäkelä KM, MacGregor S, Pirastu M, Fan Q, Cheng CY, St Pourcain B, McMahon G, Kemp JP, Northstone K, Rahi JS, Cumberland PM, Martin NG, Sanfilippo PG, Lu Y, Wang YX, Hayward C, Polašek O, Campbell H, Bencic G, Wright AF, Wedenoja J, Zeller T, Schillert A, Mirshahi A, Lackner K, Yip SP, Yap MKH, Ried JS, Gieger C, Murgia F, Wilson JF, Fleck B, Yazar S, Vingerling JR, Hofman A, Uitterlinden A, Rivadeneira F, Amin N, Karssen L, Oostra BA, Zhou X, Teo YY, Tai ES, Vithana E, Barathi V, Zheng Y, Siantar RG, Neelam K, Shin Y, Lam J, Yonova-Doing E, Venturini C, Hosseini SM, Wong HS, Lehtimäki T, Kähönen M, Raitakari O, Timpson NJ, Evans DM, Khor CC, Aung T, Young TL, Mitchell P, Klein B, Van Duijn CM, Meitinger T, Jonas JB, Baird PN, Mackey DA, Wong TY, Saw SM, Pärssinen O, Stambolian D, Hammond CJ, Klaver CCW, Williams C, Paterson AD, Bailey-Wilson JE, Guggenheim JA. Genome-Wide Association Study for Refractive Astigmatism Reveals Genetic Co-Determination with Spherical Equivalent Refractive Error: The Cream Consortium. *Human Genetics*. 2014.
42. Levin D, Bell S, Sund R, Hartikainen SA, Tuomilehto J, Pukkala E, Keskimäki I, Badrick E, Renehan AG, Buchan IE, Bowker SL, Minhas-Sandhu JK, Zafari Z, Marra C, Johnson JA, Stricker BH, Uitterlinden AG, Hofman A, Ruiter R, De Keyser CE, MacDonald TM, Wild SH, McKeigue PM, Colhoun HM. Pioglitazone and Bladder Cancer Risk: A Multipopulation Pooled, Cumulative Exposure Analysis. *Diabetologia*. 2014.
43. 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 Jr V, Siscovick DS, Fornage M, Borecki IB, Hayward C, Rudan I, Chen YE, Bottinger EP, Loos RJF, Sætrom 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. *American Journal of Human Genetics*. 2014;94(2):233-45.

44. Lahousse L, Maes B, Ziere G, Loth DW, Verlinden VJA, Zillikens MC, Uitterlinden AG, Rivadeneira F, Tiemeier H, Franco OH, Ikram MA, Hofman A, Brussels GG, Stricker BH. Adverse Outcomes of Frailty in the Elderly: The Rotterdam Study. **European Journal of Epidemiology**. 2014;29(6):419-27.
45. Labruijere S, Stolk L, Verbiest M, Vries R, Garrelds IM, Eilers PHC, Jan Danser AH, Uitterlinden AG, Van Den Brink AM. Methylation of Migraine-Related Genes in Different Tissues of the Rat. **PLoS ONE**. 2014;9(3).
46. Kruithof CJ, Kooijman MN, van Duijn CM, Franco OH, De Jongste JC, Klaver CCW, Mackenbach JP, Moll HA, Raat H, Rings EHMM, Rivadeneira F, Steegers EAP, Tiemeier H, Uitterlinden AG, Verhulst FC, Wolvius EB, Hofman A, Jaddoe VWV. The Generation R Study: Biobank Update 2015. **European Journal of Epidemiology**. 2014.
47. Kreiner-Møller E, Medina-Gomez C, Uitterlinden AG, Rivadeneira F, Estrada K. Improving Accuracy of Rare Variant Imputation with a Two-Step Imputation Approach. **European Journal of Human Genetics**. 2014.
48. Kraja AT, Chasman DI, North KE, Reiner AP, Yanek LR, Kilpeläinen TO, Smith JA, Dehghan A, Dupuis J, Johnson AD, Feitosa MF, Tekola-Ayele F, Chu AY, Nolte IM, Dastani Z, Morris A, Pendergrass SA, Sun YV, Ritchie MD, Vaez A, Lin H, Lighart S, Marullo L, Rohde R, Shao Y, Ziegler MA, Im HK, Schnabel RB, Jørgensen T, Jørgensen ME, Hansen T, Pedersen O, Stolk RP, Snieder H, Hofman A, Uitterlinden AG, Franco OH, Ikram MA, Richards JB, Rotimi C, Wilson JG, Lange L, Ganesh SK, Nalls M, Rasmussen-Torvik LJ, Pankow JS, Coresh J, Tang W, Linda Kao WH, Boerwinkle E, Morrison AC, Ridker PM, Becker DM, Rotter JI, Kardia SLR, Loos RJF, Larson MG, Hsu YH, Province MA, Tracy R, Voight BF, Vaidya D, O'Donnell CJ, Benjamin EJ, Alizadeh BZ, Prokopenko I, Meigs JB, Borecki IB. Pleiotropic Genes for Metabolic Syndrome and Inflammation. **Molecular Genetics and Metabolism**. 2014;112(4):317-38.
49. Kemp JP, Medina-Gomez C, Estrada K, St Pourcain B, Heppe DHM, Warrington NM, Oei L, Ring SM, Kruithof CJ, Timpson NJ, Wolber LE, Reppe S, Gautvik K, Grundberg E, Ge B, van der Eerden B, van de Peppel J, Hibbs MA, Ackert-Bicknell CL, Choi K, Koller DL, Econo MJ, Williams FMK, Foroud T, Carola Zillikens M, Ohlsson C, Hofman A, Uitterlinden AG, Davey Smith G, Jaddoe VWV, Tobias JH, Rivadeneira F, Evans DM. Phenotypic Dissection of Bone Mineral Density Reveals Skeletal Site Specificity and Facilitates the Identification of Novel Loci in the Genetic Regulation of Bone Mass Attainment. **PLoS Genetics**. 2014;10(6).
50. Johansson H, Kanis JA, Odén A, McCloskey E, Chapurlat RD, Christiansen C, Cummings SR, Diez-Perez A, Eisman JA, Fujiwara S, Glüer CC, Goltzman D, Hans D, Khaw KT, Krieg MA, Kröger H, Lacroix AZ, Lau E, Leslie WD, Mellström D, Melton III LJ, O'Neill TW, Pasco JA, Prior JC, Reid DM, Rivadeneira F, Van Staa T, Yoshimura N, Carola Zillikens M. A Meta-Analysis of the Association of Fracture Risk and Body Mass Index in Women. **Journal of Bone and Mineral Research**. 2014;29(1):223-33.
51. Jacobs LC, Liu F, Bleyen I, Gunn DA, Hofman A, Klaver CCW, Uitterlinden AG, Neumann HAM, Bataille V, Spector TD, Kayser M, Nijsten T. Intrinsic and Extrinsic Risk Factors for Sagging Eyelids. **JAMA Dermatology**. 2014;150(8):836-43.
52. Iglesias AI, Springelkamp H, Van der Linde H, Severijnen L, Amin N, Oostra B, Kockx CEM, Van den hout MCGN, Van ijcken WFJ, Hofman A, Uitterlinden AG, Verdijk RM, Klaver CCW, Willemse R, Van duijn CM. Exome Sequencing and Functional Analyses Suggest That Six6 Is a Gene Involved in an Altered Proliferation-Differentiation Balance Early in Life and Optic Nerve Degeneration at Old Age. **Human Molecular Genetics**. 2014;23(5):1320-32.
53. Ibrahim-Verbaas CA, Fornage M, Bis JC, Choi SH, Psaty BM, Meigs JB, Rao M, Nalls M, Fontes JD, O'Donnell CJ, Kathiresan S, Ehret GB, Fox CS, Malik R, Dichgans M, Schmidt H, Lahti J, Heckbert SR, Lumley T, Rice K, Rotter JI, Taylor KD, Folsom AR, Boerwinkle E, Rosamond WD, Shahar E, Gottesman RF, Koudstaal PJ, Amin N, Wieberdink RG, Dehghan A, Hofman A, Uitterlinden AG, DeStefano AL, Debette S, Xue L, Beiser A, Wolf PA, DeCarli C, Ikram MA, Seshadri S, Mosley Jr TH, Longstreth Jr WT,

Van Duijn CM, Launer LJ. Predicting Stroke through Genetic Risk Functions the Charge Risk Score Project. **Stroke**. 2014;45(2):403-12.

54. Huang J, Huffman JE, Yamkauchi M, Trompet S, Asselbergs FW, Sabater-Lleal M, Trégouët DA, Chen WM, Smith NL, Kleber ME, Shin SY, Becker DM, Tang W, Dehghan A, Johnson AD, Truong V, Folkersen L, Yang Q, Oudot-Mellkah T, Buckley BM, Moore JH, Williams FMK, Campbell H, Silbernagel G, Vitart V, Rudan I, Toftner GH, Navis GJ, Destefano A, Wright AF, Chen MH, De Craen AJM, Worrall BB, Rudnicka AR, Rumley A, Bookman EB, Psaty BM, Chen F, Keene KL, Franco OH, Böhm BO, Uitterlinden AG, Carter AM, Jukema JW, Sattar N, Bis JC, Ikram MA, Sale MM, McKnight B, Fornage M, Ford I, Taylor K, Slagboom PE, McArdle WL, Hsu FC, Franco-Cereceda A, Goodall AH, Yanek LR, Furie KL, Cushman M, Hofman A, Witteman JCM, Folsom AR, Basu S, Matijevic N, Van Gilst WH, Wilson JF, Westendorp RGJ, Kathiresan S, Reilly MP, Tracy RP, Polasek O, Winkelmann BR, Grant PJ, Hillegaars HL, Cambien F, Stott DJ, Lowe GD, Spector TD, Meigs JB, Marz W, Eriksson P, Becker LC, Morange PE, Soranzo N, Williams SM, Hayward C, Van Der Harst P, Hamsten A, Lowenstein CJ, Strachan DP, O'Donnell CJ. Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-up Implicates Endothelial Stxbp5 and Stx2. **Arteriosclerosis, Thrombosis, and Vascular Biology**. 2014;34(5):1093-101.
55. Holmes MV, Dale CE, Zuccolo L, Silverwood RJ, Guo Y, Ye Z, Prieto-Merino D, Dehghan A, Trompet S, Wong A, Cavadino A, Drogan D, Padmanabhan S, Li S, Yesupriya A, Leusink M, Sundstrom J, Hubacek JA, Pikhart H, Swerdlow DL, Panayiotou AG, Borinskaya SA, Finan C, Shah S, Kuchenbaecker KB, Shah T, Engmann J, Folkersen L, Eriksson P, Ricceri F, Melander O, Sacerdote C, Gamble DM, Rayaprolu S, Ross OA, McLachlan S, Vikhireva O, Sluijs I, Scott RA, Adamkova V, Flicker L, Van Bockxmeer FM, Power C, Marques-Vidal P, Meade T, Marmot MG, Ferro JM, Paulos-Pinheiro S, Humphries SE, Talmud PJ, Leach IM, Verweij N, Linneberg A, Skaaby T, Doevedans PA, Cramer MJ, Van Der Harst P, Klungel OH, Dowling NF, Dominiczak AF, Kumari M, Nicolaides AN, Weikert C, Boeing H, Ebrahim S, Gaunt TR, Price JF, Lannfelt L, Peasey A, Kubanova R, Pajak A, Malyutina S, Voevodina MI, Tamosiunas A, Maitland-van Der Zee AH, Norman PE, Hankey GJ, Bergmann MM, Hofman A, Franco OH, Cooper J, Palmen J, Spiering W, De Jong PA, Kuh D, Hardy R, Uitterlinden AG, Ikram MA, Ford I, Hyppönen E, Almeida OP, Wareham NJ, Khaw KT, Hamsten A, Husemoen LLN, Tjønneland A, Tolstrup JS, Rimm E, Beulens JWJ, Verschuren WMM, Onland-Moret NC, Hofker MH, Wannamethee SG, Whincup PH, Morris R, Vicente AM, Watkins H, Farrall M, Jukema JW, Meschia J, Cupples LA, Sharp SJ, Fornage M, Kooperberg C, LaCroix AZ, Dai JY, Lanktree MB, Siscovick DS, Jorgenson E, Spring B, Coresh J, Li YR, Buxbaum SG, Schreiner PJ, Ellison RC, Tsai MY, Patel SR, Redline S, Johnson AD, Hoogeveen RC, Hakonarson H, Rotter JL, Boerwinkle E, De Bakker PIW, Kivimaki M, Asselbergs FW, Sattar N, Lawlor DA, Whittaker J, Smith GD, Mukamal K, Psaty BM, Wilson JG, Lange LA, Hamidovic A, Nordestgaard BG, Bobak M, Leon DA, Langenberg C, Palmer TM, Reiner AP, Keating BJ, Dudbridge F, Casas JP. Association between Alcohol and Cardiovascular Disease: Mendelian Randomisation Analysis Based on Individual Participant Data. **BMJ** (Online). 2014;349.
56. Hofland J, Steenbergen J, Voorsluys JM, Verbiest MMPJ, De Krijger RR, Hofland LJ, De Herder WW, Uitterlinden AG, Feelders RA, De Jong FH. Inhibin Alpha-Subunit (Inha) Expression in Adrenocortical Cancer Is Linked to Genetic and Epigenetic Inha Promoter Variation. **PLoS ONE**. 2014;9(8).
57. Hoeven TA, Leening MJG, Bindels PJ, Castaño-Betancourt M, van Meurs JB, Franco OH, Kavousi M, Hofman A, Ikram MA, Witteman JCM, Bierma-Zeinstra SM. Disability and Not Osteoarthritis Predicts Cardiovascular Disease: A Prospective Population-Based Cohort Study. **Annals of the Rheumatic Diseases**. 2014.
58. Hocking LJ, Rivadeneira F. Stratified Medicine Approaches for the Treatment of Musculoskeletal Disorders. **Current Opinion in Pharmacology**. 2014;16(1):127-32.
59. Heppe DHM, Medina-Gomez C, De Jongste JC, Raat H, Steegers EAP, Hofman A, Rivadeneira F, Jaddoe VWV. Fetal and Childhood Growth Patterns Associated with Bone Mass in School-Age Children: The Generation R Study. **Journal of Bone and Mineral Research**. 2014;29(12):2584-93.

60. Ham AC, Swart KMA, Enneman AW, van Dijk SC, Oliai Araghi S, van Wijngaarden JP, van der Zwaluw NL, Brouwer-Brolsma EM, Dhonukshe-Rutten RAM, van Schoor NM, van der Cammen TJM, Lips P, de Groot LCPGM, Uitterlinden AG, Witkamp RF, Stricker BH, van der Velde N. Medication-Related Fall Incidents in an Older, Ambulant Population: The B-Proof Study. **Drugs and Aging**. 2014;31(12):917-27.
61. Guigas B, de Leeuw van Weenen JE, van Leeuwen N, Simonis-Bik AM, van Haeften TW, Nijpels G, Houwing-Duistermaat JJ, Beekman M, Deelen J, Havekes LM, Penninx BWJH, Vogelzangs N, van 't Riet E, Dehghan A, Hofman A, Witteman JC, Uitterlinden AG, Grarup N, Jørgensen T, Witte DR, Lauritzen T, Hansen T, Pedersen O, Hottenga J, Romijn JA, Diamant M, Kramer MHH, Heine RJ, Willemsen G, Dekker JM, Eekhoff EM, Pijl H, de Geus EJ, Slagboom PE, t Hart LM. Sex-Specific Effects of Naturally Occurring Variants in the Dopamine Receptor D2 Locus on Insulin Secretion and Type 2 Diabetes Susceptibility. **Diabetic Medicine**. 2014;31(8):1001-8.
62. Ganesh SK, Chasman DI, Larson MG, Guo X, Verwoert G, Bis JC, Gu X, Smith AV, Yang ML, Zhang Y, Ehret G, Rose LM, Hwang SJ, Papanicolaou GJ, Sijbrands EJ, Rice K, Eiriksdottir G, Pihur V, Ridker PM, Vasan RS, Newton-Cheh C, Raffel LJ, Amin N, Rotter JL, Liu K, Launer LJ, Xu M, Caulfield M, Morrison AC, Johnson AD, Vaidya D, Dehghan A, Li G, Bouchard C, Harris TB, Zhang H, Boerwinkle E, Siscovick DS, Gao W, Uitterlinden AG, Rivadeneira F, Hofman A, Willer CJ, Franco OH, Huo Y, Witteman JCM, Munroe PB, Gudnason V, Palmas W, Van Duijn C, Fornage M, Levy D, Psaty BM, Chakravarti A. Effects of Long-Term Averaging of Quantitative Blood Pressure Traits on the Detection of Genetic Associations. **American Journal of Human Genetics**. 2014;95(1):49-65.
63. Francioli LC, Menelaou A, Pulit SL, Van Dijk F, Palamara PF, Elbers CC, Neerincx PBT, Ye K, Guryev V, Kloosterman WP, Deelen P, Abdellaoui A, Van Leeuwen EM, Van Oven M, Vermaat M, Li M, Laros JFJ, Karssen LC, Kanterakis A, Amin N, Hottenga JJ, Lameijer EW, Kattenberg M, Dijkstra M, Byelas H, Van Setten J, Van Schaik BDC, Bot J, Nijman IJ, Renkens I, Marschall T, Schönhuth A, Hehir-Kwa JY, Handsaker RE, Polak P, Sohail M, Vuzman D, Hormozdiari F, Van Enckevort D, Mei H, Koval V, Moed MH, Van Der Velde K, Rivadeneira F, Estrada K, Medina-Gomez C, Isaacs A, McCarroll SA, Beekman M, Mde Craen AJ, Suchiman HED, Hofman A, Oostra B, Uitterlinden AG, Willemsen G, Platteel M, Veldink JH, Van Den Berg LH, Pitts SJ, Potluri S, Sundar P, Cox DR, Sunyaev SR, Den Dunnen JT, Stoneking M, De Knijff P, Kayser M, Li Q, Li Y, Du Y, Chen R, Cao H, Li N, Cao S, Wang J, Bovenberg JA, Pe'er I, Slagboom PE, Van Duijn CM, Boomsma DI, Van Ommen GJB, De Bakker PIW, Swertz MA, Wijmenga C. Whole-Genome Sequence Variation, Population Structure and Demographic History of the Dutch Population. **Nature Genetics**. 2014;46(8):818-25.
64. Felix JF, Voortman T, Van Den Hooven EH, Sajjad A, Leermakers ETM, Tharner A, Jong JCKD, Duijts L, Verhulst FC, De Jongste JC, Tiemeier H, Hofman A, Rivadeneira F, Moll HA, Raat H, Jaddoe VW, Franco OH. Health in Children: A Conceptual Framework for Use in Healthy Ageing Research. **Maturitas**. 2014;77(1):47-51.
65. Evans DS, Cailotto F, Parimi N, Valdes AM, Castaño-Betancourt MC, Liu Y, Kaplan RC, Bidlingmaier M, Vasan RS, Teumer A, Tranah GJ, Nevitt MC, Cummings SR, Orwoll ES, Barrett-Connor E, Renner JB, Jordan JM, Doherty M, Doherty SA, Uitterlinden AG, van Meurs JBJ, Spector TD, Lories RJ, Lane NE. Genome-Wide Association and Functional Studies Identify a Role for Igfbp3 in Hip Osteoarthritis. **Annals of the Rheumatic Diseases**. 2014.
66. Enneman AW, Swart KMA, Zillikens MC, van Dijk SC, van Wijngaarden JP, Brouwer-Brolsma EM, Dhonukshe-Rutten RAM, Hofman A, Rivadeneira F, van der Cammen TJM, Lips P, de Groot CPGM, Uitterlinden AG, van Meurs JBJ, van Schoor NM, van der Velde N. The Association between Plasma Homocysteine Levels and Bone Quality and Bone Mineral Density Parameters in Older Persons. **Bone**. 2014;63:141-6.
67. Duvvari MR, Paun CC, Buitendijk GHS, Saksens NTM, Volokhina EB, Ristau T, Schoenmaker-Koller FE, Van De Ven JPH, Groenewoud JMM, Van Den Heuvel LPWJ, Hofman A, Fauser S, Uitterlinden AG, Klaver CCW, Hoyng CB, De Jong EK, Den Hollander AJ. Analysis of Rare Variants in the C3 Gene in Patients with Age-Related Macular Degeneration. **PLoS ONE**. 2014;9(4).

68. Dijkstra AE, Smolonska J, Van Den Berge M, Wijmenga C, Zanen P, Luinge MA, Platteel M, Lammers JW, Dahlback M, Tosh K, Hiemstra PS, Sterk PJ, Spira A, Vestbo J, Nordestgaard BG, Benn M, Nielsen SF, Dahl M, Verschuren WM, Picavet HSJ, Smit HA, Owsijewitsch M, Kauczor HU, De Koning HJ, Nizankowska-Mogilnicka E, Mejza F, Nastalek P, Van Diemen CC, Cho MH, Silverman EK, Crapo JD, Beaty TH, Lomas DA, Bakke P, Gulsvik A, Bossé Y, Obeidat MA, Loth DW, Lahousse L, Rivadeneira F, Uitterlinden AG, Hofman A, Stricker BH, Brusselle GG, Van Duijn CM, Brouwer U, Koppelman GH, Vonk JM, Nawijn MC, Groen HJM, Timens W, Boezen HM, Postma DS, Alizadeh BZ, De Boer RA, Bruinenberg M, Franke L, Van Der Harst P, Hillege HL, Van Der Klaauw MM, Navis G, Ormel J, Rosmalen J, Slaets JP, Snieder H, Stolk RP, Wolffenbuttel B. Susceptibility to Chronic Mucus Hypersecretion, a Genome Wide Association Study. **PLoS ONE**. 2014;9(4).
69. Diekstra FP, Van Deerlin VM, Van Swieten JC, Al-Chalabi A, Ludolph AC, Weishaupt JH, Hardiman O, Landers JE, Brown RH, Van Es MA, Pasterkamp RJ, Koppers M, Andersen PM, Estrada K, Rivadeneira F, Hofman A, Uitterlinden AG, Van Damme P, Melki J, Meininger V, Shatunov A, Shaw CE, Leigh PN, Shaw PJ, Morrison KE, Fogh I, Chiò A, Traynor BJ, Czell D, Weber M, Heutink P, De Bakker PIW, Silani V, Robberecht W, Van Den Berg LH, Veldink JH. C9orf72 and Unc13a Are Shared Risk Loci for Amyotrophic Lateral Sclerosis and Frontotemporal Dementia: A Genome-Wide Meta-Analysis. **Annals of Neurology**. 2014;76(1):120-33.
70. Deelen P, Menelaou A, Van Leeuwen EM, Kanterakis A, Van Dijk F, Medina-Gomez C, Francioli LC, Hottenga JJ, Karssen LC, Estrada K, Kreiner-Møller E, Rivadeneira F, Van Setten J, Gutierrez-Achury J, Westra HJ, Franke L, Van Enckevort D, Dijkstra M, Byelas H, Van Duijn CM, De Bakker PIW, Wijmenga C, Swertz MA. Improved Imputation Quality of Low-Frequency and Rare Variants in European Samples Using the 'Genome of the Netherlands'. **European Journal of Human Genetics**. 2014;22(11):1321-6.
71. Deelen J, Beekman M, Uh HW, Broer L, Ayers KL, Tan Q, Kamatani Y, Bennet AM, Tamm R, Trompet S, Guobjartsson DF, Flachsbart F, Rose G, Viktorin A, Fischer K, Nygaard M, Cordell HJ, Crocco P, Van Den Akker EB, Böhringer S, Helmer Q, Nelson CP, Saunders GI, Alver M, Andersen-Ranberg K, Breen ME, van Der Breggen R, Caliebe A, Capri M, Cevenini E, Collerton JC, Dato S, Davies K, Ford I, Gampe J, Garagnani P, de Geus EJC, Harrow J, Van Heemst D, Heijmans BT, Heinsen FA, Hottenga JJ, Hofman A, Jeune B, Jonsson PV, Lathrop M, Lechner D, Martin-Ruiz C, McNerlan SE, Mihailov E, Montesanto A, Mooijaart SP, Murphy A, Nohr EA, Paternoster L, Postmus I, Rivadeneira F, Ross OA, Salvioli S, Sattar N, Schreiber S, Stefánsson H, Stott DJ, Tiemeier H, Uitterlinden AG, Westendorp RGJ, Willemsen G, Samani NJ, Galan P, Sørensen TIA, Boomsma DI, Wouter Jukema J, Rea IM, Passarino G, de Craen AJM, Christensen K, Nebel A, Stefánsson K, Metspalu A, Magnusson P, Blanché H, Christiansen L, Kirkwood TBL, Van Duijn CM, Franceschi C, Houwing-Duistermaat JJ, Slagboom PE. Genome-Wide Association Meta-Analysis of Human Longevity Identifies a Novel Locus Conferring Survival Beyond 90 Years of Age. **Human Molecular Genetics**. 2014;23(16):4420-32.
72. Deelen J, Beekman M, Codd V, Trompet S, Broer L, Hägg S, Fischer K, Thijssen PE, Suchiman HED, Postmus I, Uitterlinden AG, Hofman A, de Craen AJM, Metspalu A, Pedersen NL, van Duijn CM, Wouter Jukema J, Houwing-Duistermaat JJ, Samani NJ, Slagboom PE. Leukocyte Telomere Length Associates with Prospective Mortality Independent of Immune-Related Parameters and Known Genetic Markers. **International Journal of Epidemiology**. 2014;43(3):878-86.
73. De Zeeuw EL, van Beijsterveldt CEM, Glasner TJ, Bartels M, Ehli EA, Davies GE, Hudziak JJ, Rietveld CA, Groen-Blokhuis MM, Hottenga JJ, de Geus EJC, Boomsma DI, Abdellaoui A, Agrawal A, Albrecht E, Alizadeh BZ, Allik J, Amin N, Attia JR, Bandinelli S, Barnard J, Bastardot F, Baumeister SE, Beauchamp J, Benjamin DJ, Benke KS, Bennett DA, Berger K, Bielak LF, Bierut LJ, Boatman JA, Boyle PA, Bültmann U, Campbell H, Cesarini D, Chabris CF, Cherkas L, Chung MK, Conley D, Cucca F, Davey-Smith G, Davies G, Andrade MD, De Jager PL, Leeuw CD, De JE, Deary IJ, Dedoussis GV, Deloukas P, Derringer J, Dimitriou M, Eiriksdottir G, Eklund N, Elderson MF, Eriksson JG, Toño E, Evans DS, Evans DM, Faul JD, Fehrmann R, Ferrucci L, Fischer K, Franke L, Garcia ME, Gieger C, Gjessing HK, Groenen PJF, Grönberg H, Gudnason V, Hägg S, Hall P, Harris JR, Harris JM, Harris TB, Hastie ND, Hayward C, Heath AC, Hernandez DG, Hoffmann W, Hofman A, Hofman A, Holle R, Holliday EG, Holzapfel C, Hottenga JJ, Iacono WG, Ibrahim-Verbaas CA, Illig T, Ingelsson E, Jacobsson B, Järvelin MR, Jhun MA, Johannesson M, Joshi PK, Jugessur A, Kaakinen M, Kähönen M, Kanoni S, Kaprio J, Kardia SLR, Karjalainen J,

Kirkpatrick RM, Koellinger PD, Kolcic I, Kowgier M, Kristiansson K, Krueger RF, Ltan Kutalik Z, Lahti J, Laibson D, Latvala A, Launer LJ, Lawlor DA, Lee SH, Lethimäki T, Li J, Lichtenstein P, Lichtner PK, Liewald DC, Lin P, Lind PA, Liu Y, Lohman K, Loitfelder M, Madden PA, Magnusson PKE, Mäkinen TE, Vidal PM, Martin NW, Martin NG, Masala M, McGue M, McMahon G, Medland SE, Meirelles O, Metspalu A, Meyer MN, Mielck A, Milani L, Miller MB, Montgomery GW, Mukherjee S, Myhre R, Nuotio ML, Nyholt DR, Oldmeadow CJ, Oostra BA, Palmer LJ, Palotie A, Penninx B, Perola M, Petrovic KE, Peyrot WJ, Peyser PA, Ozren P, Posthuma D, Preisig M, Quaye L, Räikkönen K, Raitakari OT, Realo A, Reinmaa E, Rice JP, Ring SM, Ripatti S, Rivadeneira F, Rizzi TS, Rudan I, Rustichini A, Salomaa V, Sarin AP, Schlessinger D, Schmidt H, Schmidt R, Scott RJ, Shakhbazov K, Smith AV, Smith JA, Snieder H, Pourcain BS, Starr JM, Sul JH, Surakka I, Svento R, Tanaka T, Terracciano A, Teumer A, Thurik AR, Tiemeier H, Timpson NJ, Uitterlinden AG, Van Der Loos MJHM, Van Duijn CM, Van Rooij FJA, Van Wagoner DR, Vartiainen E, Viikari J, Visscher PM, Vitart V, Vollenweider PK, Völzke H, Vonk JM, Waeber G, Weir DR, Wellmann J, Westra HJ, Wichmann HE, Widen E, Willemsen G, Wilson JF, Wright AF, Yang J, Yu L, Zhao W. Polygenic Scores Associated with Educational Attainment in Adults Predict Educational Achievement and Adhd Symptoms in Children. **American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics**. 2014;165(6):510-20.

74. De Kruijf M, Kerkhof HJM, Peters MJ, Bierma-Zeinstra S, Hofman A, Uitterlinden AG, Huggen FJPM, Van Meurs JBJ. Finger Length Pattern as a Biomarker for Osteoarthritis and Chronic Joint Pain: A Population-Based Study and Meta-Analysis after Systematic Review. **Arthritis Care and Research**. 2014;66(9):1337-43.
75. De Keyser CE, Peters BJM, Becker ML, Visser LE, Uitterlinden AG, Klungel OH, Verstuyft C, Hofman A, Maitland-Van Der Zee AH, Stricker BH. The Slco1b1 C.521t>C Polymorphism Is Associated with Dose Decrease or Switching During Statin Therapy in the Rotterdam Study. **Pharmacogenetics and Genomics**. 2014;24(1):43-51.
76. Cotlarciuc I, Malik R, Holliday EG, Ahmadi KR, Paré G, Psaty BM, Fornage M, Hasan N, Rinne PE, Ikram MA, Markus HS, Rosand J, Mitchell BD, Kittner SJ, Meschia JF, Van Meurs JBJ, Uitterlinden AG, Worrall BB, Dichgans M, Sharma P. Effect of Genetic Variants Associated with Plasma Homocysteine Levels on Stroke Risk. **Stroke**. 2014;45(7):1920-4.
77. Claessen KMJA, Kloppenburg M, Kroon HM, Bijsterbosch J, Pereira AM, Romijn JA, Van Der Straaten T, Nelissen RGHH, Hofman A, Uitterlinden AG, Duijnvisveld BJ, Lakenberg N, Beekman M, Van Meurs JB, Slagboom PE, Biermasz NR, Meulenbelt I. Relationship between the Functional Exon 3 Deleted Growth Hormone Receptor Polymorphism and Symptomatic Osteoarthritis in Women. **Annals of the Rheumatic Diseases**. 2014;73(2):433-6.
78. Campos-Obando N, Oei L, Hoefsloot LH, Kiewiet RM, Klaver CCW, Simon MEH, Carola Zillikens M. Osteoporotic Vertebral Fractures During Pregnancy: Be Aware of a Potential Underlying Genetic Cause. **Journal of Clinical Endocrinology and Metabolism**. 2014;99(4):1107-11.
79. Campos-Obando N, Castano-Betancourt MC, Oei L, Franco OH, Stricker BHC, Brusselle GG, Lahousse L, Hofman A, Tiemeier H, Rivadeneira F, Uitterlinden AG, Zillikens MC. Bone Mineral Density and Chronic Lung Disease Mortality: The Rotterdam Study. **Journal of Clinical Endocrinology and Metabolism**. 2014;99(5):1834-42.
80. Breda SJ, Ling Oei HLDW, Oei EHG, Carola Zillikens MC. Osteoporotic Vertebral Fractures or Scheuermann's Disease? **Nederlands Tijdschrift voor Geneeskunde**. 2014;158(2).
81. Bouhuys SH, Van Lenthe FJ, Kieft-De Jong JC, Taal HR, Wijtzes AI, Hofman A, Jaddoe VWV, Glymour MM, Rivadeneira F, Raat H. Genetic Taste Blindness to Bitter and Body Composition in Childhood: A Mendelian Randomization Design. **International Journal of Obesity**. 2014;38(7):1005-10.
82. Børglum AD, Demontis D, Grove J, Pallesen J, Hollegaard MV, Pedersen CB, Hedemand A, Mattheisen M, Uitterlinden A, Nyegaard M, Ørnstoft T, Wiuf C, Didriksen M, Nordentoft M, Nøthen MM, Rietschel M, Ophoff RA, Cichon S, Yolken RH, Hougaard DM, Mortensen PB, Mors O. Genome-Wide Study of

Association and Interaction with Maternal Cytomegalovirus Infection Suggests New Schizophrenia Loci. **Molecular Psychiatry**. 2014;19(3):325-33.

83. Boomsma DI, Wijmenga C, Slagboom EP, Swertz MA, Karssen LC, Abdellaoui A, Ye K, Guryev V, Vermaat M, Van Dijk F, Francioli LC, Hottenga JJ, Laros JFJ, Li Q, Li Y, Cao H, Chen R, Du Y, Li N, Cao S, Van Setten J, Menelaou A, Pulit SL, Hehir-Kwa JY, Beekman M, Elbers CC, Byelas H, De Craen AJM, Deelen P, Dijkstra M, Den Dunnen JT, De Knijff P, Houwing-Duistermaat J, Koval V, Estrada K, Hofman A, Kanterakis A, Enckevort DV, Mai H, Kattenberg M, Van Leeuwen EM, Neerincx PBT, Oostra B, Rivadeneira F, Suchiman EHD, Uitterlinden AG, Willemsen G, Wolffenbuttel BH, Wang J, De Bakker PIW, Van Ommen GJ, Van Duijn CM. The Genome of the Netherlands: Design, and Project Goals. **European Journal of Human Genetics**. 2014;22(2):221-7.
84. Bolton JL, Hayward C, Direk N, Lewis JG, Hammond GL, Hill LA, Anderson A, Huffman J, Wilson JF, Campbell H, Rudan I, Wright A, Hastie N, Wild SH, Velders FP, Hofman A, Uitterlinden AG, Lahti J, Räikkönen K, Kajantie E, Widen E, Palotie A, Eriksson JG, Kaakinen M, Järvelin MR, Timpson NJ, Davey Smith G, Ring SM, Evans DM, St Pourcain B, Tanaka T, Milaneschi Y, Bandinelli S, Ferrucci L, van der Harst P, Rosmalen JGM, Bakker SJL, Verweij N, Dullaart RPF, Mahajan A, Lindgren CM, Morris A, Lind L, Ingelsson E, Anderson LN, Pennell CE, Lye SJ, Matthews SG, Eriksson J, Mellstrom D, Ohlsson C, Price JF, Strachan MWJ, Reynolds RM, Tiemeier H, Walker BR. Genome Wide Association Identifies Common Variants at the Serpina6/Serpina1 Locus Influencing Plasma Cortisol and Corticosteroid Binding Globulin. **PLoS Genetics**. 2014;10(7).
85. Benke KS, Nivard MG, Velders FP, Walters RK, Pappa I, Scheet PA, Xiao X, Ehli EA, Palmer LJ, Whitehouse AJO, Verhulst FC, Jaddoe VW, Rivadeneira F, Groen-Blokhus MM, Van Beijsterveldt CEM, Davies GE, Hudziak JJ, Lubke GH, Boomsma DI, Pennell CE, Tiemeier H, Middeldorp CM. A Genome-Wide Association Meta-Analysis of Preschool Internalizing Problems. **Journal of the American Academy of Child and Adolescent Psychiatry**. 2014;53(6):667-76.E1.
86. Avery CL, Sitlani CM, Arking DE, Arnett DK, Bis JC, Boerwinkle E, Buckley BM, Ida Chen YD, De Craen AJM, Eijgelsheim M, Enquobahrie D, Evans DS, Ford I, Garcia ME, Gudnason V, Harris TB, Heckbert SR, Hochner H, Hofman A, Hsueh WC, Isaacs A, Jukema JW, Knekt P, Kors JA, Krijthe BP, Kristiansson K, Laaksonen M, Liu Y, Li X, Macfarlane PW, Newton-Cheh C, Nieminen MS, Oostra BA, Peloso GM, Porthan K, Rice K, Rivadeneira FF, Rotter JL, Salomaa V, Sattar N, Siscovick DS, Slagboom PE, Smith AV, Sotoodehnia N, Stott DJ, Stricker BH, Stürmer T, Trompet S, Uitterlinden AG, Van Duijn C, Westendorp RGJ, Witteman JC, Whitsel EA, Psaty BM. Drug-Gene Interactions and the Search for Missing Heritability: A Cross-Sectional Pharmacogenomics Study of the Qt Interval. **Pharmacogenomics Journal**. 2014;14(1):6-13.
87. Arking DE, Pulit SL, Crotti L, Van Der Harst P, Munroe PB, Koopmann TT, Sotoodehnia N, Rossin EJ, Morley M, Wang X, Johnson AD, Lundby A, Gudbjartsson DF, Noseworthy PA, Eijgelsheim M, Bradford Y, Tarasov KV, Dörr M, Müller-Nurasyid M, Lahtinen AM, Nolte IM, Smith AV, Bis JC, Isaacs A, Newhouse SJ, Evans DS, Post WS, Waggott D, Lyytikäinen LP, Hicks AA, Eisele L, Ellinghaus D, Hayward C, Navarro P, Ulivi S, Tanaka T, Tester DJ, Chatel S, Gustafsson S, Kumari M, Morris RW, Naluai AT, Padmanabhan S, Klutig A, Strohmer B, Panayiotou AG, Torres M, Knoflach M, Hubacek JA, Slowikowski K, Raychaudhuri S, Kumar RD, Harris TB, Launer LJ, Shuldiner AR, Alonso A, Bader JS, Ehret G, Huang H, Kao WHL, Strait JB, Macfarlane PW, Brown M, Caulfield MJ, Samani NJ, Kronenberg F, Willeit J, Smith JG, Greiser KH, Zu Schwabedissen HM, Werdan K, Carella M, Zelante L, Heckbert SR, Psaty BM, Rotter JL, Kolcic I, Polášek O, Wright AF, Griffin M, Daly MJ, Arnar DO, Hólm H, Thorsteinsdóttir U, Denny JC, Roden DM, Zuvich RL, Emilsson V, Plump AS, Larson MG, O'Donnell CJ, Yin X, Bobo M, D'Adamo AP, Iorio A, Sinagra G, Carracedo A, Cummings SR, Nalls MA, Jula A, Kontula KK, Marjamaa A, Oikarinen L, Perola M, Porthan K, Erbel R, Hoffmann P, Jöckel KH, Kälsch H, Nöthen MM, Den Hoed M, Loos RJF, Thelle DS, Gieger C, Meitinger T, Perz S, Peters A, Prucha H, Sinner MF, Waldenberger M, De Boer RA, Franke L, Van Der Vleuten PA, Beckmann BM, Martens E, Bardai A, Hofman N, Wilde AAM, Behr ER, Dalageorgou C, Giudicessi JR, Medeiros-Domingo A, Barc J, Kyndt F, Probst V, Ghidoni A, Insolia R, Hamilton RM, Scherer SW, Brandimarte J, Margulies K, Moravec CE, Del Greco M F, Fuchsberger C, O'Connell JR, Lee WK, Watt GCM, Campbell H, Wild SH, El Mokhtari NE, Frey N, Asselbergs FW, Leach IM, Navis G, Van Den Berg MP, Van Veldhuisen DJ, Kellis M, Krijthe BP, Franco

- OH, Hofman A, Kors JA, Uitterlinden AG, Witteman JCM, Kedenko L, Lamina C, Oostra BA, Abecasis GR, Lakatta EG, Mulas A, Orrú M, Schlessinger D, Uda M, Markus MRP, Völker U, Snieder H, Spector TD, Ärnlöv J, Lind L, Sundström J, Syvänen AC, Kivimaki M, Kähönen M, Mononen N, Raitakari OT, Viikari JS, Adamkova V, Kiechl S, Brion M, Nicolaides AN, Paulweber B, Haerting J, Dominiczak AF, Nyberg F, Whincup PH, Hingorani AD, Schott JJ, Bezzina CR, Ingelsson E, Ferrucci L, Gasparini P, Wilson JF, Rudan I, Franke A, Mühlleisen TW, Pramstaller PP, Lehtimäki TJ, Paterson AD, Parsa A, Liu Y, Van Duijn CM, Siscovick DS, Gudnason V, Jamshidi Y, Salomaa V, Felix SB, Sanna S, Ritchie MD, Stricker BH, Stefansson K, Boyer LA, Cappola TP, Olsen JV, Lage K, Schwartz PJ, Kääb S, Chakravarti A, Ackerman MJ, Pfeifer A, De Bakker PIW, Newton-Cheh C. Genetic Association Study of Qt Interval Highlights Role for Calcium Signaling Pathways in Myocardial Repolarization. *Nature Genetics*. 2014;46(8):826-36.
88. Ahsan H, Halpern J, Kibriya MG, Pierce BL, Tong L, Gamazon E, McGuire V, Felberg A, Shi J, Jasmine F, Roy S, Brutus R, Argos M, Melkonian S, Chang-Claude J, Andrulis I, Hopper JL, John EM, Malone K, Ursin G, Gammon MD, Thomas DC, Seminara D, Casey G, Knight JA, Southey MC, Giles GG, Santella RM, Lee E, Conti D, Duggan D, Gallinger S, Haile R, Jenkins M, Lindor NM, Newcomb P, Michailidou K, Apicella C, Park DJ, Peto J, Fletcher O, Silva IDS, Lathrop M, Hunter DJ, Chanock SJ, Meindl A, Schmutzler RK, Müller-Myhsok B, Lochmann M, Beckmann L, Hein R, Makalic E, Schmidt DF, Bui QM, Stone J, Flesch-Janys D, Dahmen N, Nevanlinna H, Aittomäki K, Blomqvist C, Hall P, Czene K, Irwanto A, Liu J, Rahman N, Turnbull C, Dunning AM, Pharoah P, Waisfisz Q, Meijers-Heijboer H, Uitterlinden AG, Rivadeneira F, Nicolae D, Easton DF, Cox NJ, Whittemore AS. A Genome-Wide Association Study of Early-Onset Breast Cancer Identifies Pfkm as a Novel Breast Cancer Gene and Supports a Common Genetic Spectrum for Breast Cancer at Any Age. *Cancer Epidemiology Biomarkers and Prevention*. 2014;23(4):658-69.
89. Adams HHH, Verhaaren BFJ, Vrooman HA, Uitterlinden AG, Hofman A, Van Duijn CM, Van Der Lugt A, Niessen WJ, Vernooij MW, Ikram MA. Tmem106b Influences Volume of Left-Sided Temporal Lobe and Interhemispheric Structures in the General Population. *Biological Psychiatry*. 2014;76(6):503-8.
90. Baumert J, Huang J, McKnight B, Sabater-Lleal M, Steri M, Chu AY, Trompet S, Lopez LM, Fornage M, Teumer A, Tang W, Rudnicka AR, Mälarstig A, Hottenga JJ, Kavousi M, Lahti J, Tanaka T, Hayward C, Huffman JE, Morange PE, Rose LM, Basu S, Rumley A, Stott DJ, Buckley BM, de Craen AJ, Sanna S, Masala M, Biffar R, Homuth G, Silveira A, Sennblad B, Goel A, Watkins H, Müller-Nurasyid M, Rückerl R, Taylor K, Chen MH, de Geus EJ, Hofman A, Witteman JC, de Maat MP, Palotie A, Davies G, Siscovick DS, Kolcic I, Wild SH, Song J, McArdle WL, Ford I, Sattar N, Schlessinger D, Grotevendt A, Franzosi MG, Illig T, Waldenberger M, Lumley T, Tofler GH, Willemsen G, Uitterlinden AG, Rivadeneira F, Räikkönen K, Chasman DI, Folsom AR, Lowe GD, Westendorp RG, Slagboom PE, Cucca F, Wallachofski H, Strawbridge RJ, Seedorf U, Koenig W, Bis JC, Mukamal KJ, van Dongen J, Widen E, Franco OH, Starr JM, Liu K, Ferrucci L, Polasek O, Wilson JF, Oudot-Mellakh T, Campbell H, Navarro P, Bandinelli S, Eriksson J, Boomsma DI, Dehghan A, Clarke R, Hamsten A, Boerwinkle E, Jukema JW, Naitza S, Ridker PM, Völzke H, Deary IJ, Reiner AP, Trégouët DA, O'Donnell CJ, Strachan DP, Peters A, Smith NL. No evidence for genome-wide interactions on plasma fibrinogen by smoking, alcohol consumption and body mass index: results from meta-analyses of 80,607 subjects. *PLoS One*. 2014 Dec 31;9(12):e111156. doi: 10.1371/eCollection 2014
91. Gorski M, Tin A, Garnaas M, McMahon GM, Chu AY, Tayo BO, Pattaro C, Teumer A, Chasman DI, Chalmers J, Hamet P, Tremblay J, Woodward M, Aspelund T, Eiriksdottir G, Gudnason V, Harris TB, Launer LJ, Smith AV, Mitchell BD, O'Connell JR, Shuldiner AR, Coresh J, Li M, Freudenberg P, Hofer E, Schmidt H, Schmidt R, Holliday EG, Mitchell P, Wang JJ, de Boer IH, Li G, Siscovick DS, Katalik Z, Corre T, Vollenweider P, Waeber G, Gupta J, Kanetsky PA, Hwang SJ, Olden M, Yang Q, de Andrade M, Atkinson EJ, Kardia SL, Turner ST, Stafford JM, Ding J, Liu Y, Barlassina C, Cusi D, Salvi E, Staessen JA, Ridker PM, Grallert H, Meisinger C, Müller-Nurasyid M, Krämer BK, Kramer H, Rosas SE, Nolte IM, Penninx BW, Snieder H, Fabiola Del Greco M, Franke A, Nöthlings U, Lieb W, Bakker SJ, Gansevoort RT, van der Harst P, Dehghan A, Franco OH, Hofman A, Rivadeneira F, Sedaghat S, Uitterlinden AG, Coassini S, Haun M, Kollerits B, Kronenberg F, Paulweber B, Aumann N, Endlich K, Pietzner M, Völker U, Rettig R, Chouraki V, Helmer C, Lambert JC, Metzger M, Stengel B, Lehtimäki T, Lyttikäinen LP, Raitakari O, Johnson A, Parsa A, Bochud M, Heid IM, Goessling W, Köttgen A, Kao WH, Fox CS, Böger CA. Genome-wide association study of kidney function decline in individuals of European descent. *Kidney Int*. 2014 Dec 10. doi: 10.1038/ki.2014.361 online publication 2014

92. 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, Tsernikova N, Tikkanen E, Uliivi S, Wagner EK, Amin N, Bierut LJ, Byrne EM, Hottenga JJ, Koller DL, Mangino M, Pers TH, Yerges-Armstrong LM, Hua Zhao J, Andrusilis 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, Guénél 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, Pykäs 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, Willemse 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 Oct 2;514(7520):92-7
93. Hysi PG, Cheng CY, Springelkamp H, Macgregor S, Bailey JN, Wojciechowski R, Vitart V, Nag A, Hewitt AW, Höhn R, Venturini C, Mirshahi A, Ramdas WD, Thorleifsson G, Vithana E, Khor CC, Stefansson AB, Liao J, Haines JL, Amin N, Wang YX, Wild PS, Ozel AB, Li JZ, Fleck BW, Zeller T, Staffieri SE, Teo YY, Cuellar-Partida G, Luo X, Allingham RR, Richards JE, Senft A, Karssen LC, Zheng Y, Bellenguez C, Xu L, Iglesias AI, Wilson JF, Kang JH, van Leeuwen EM, Jonsson V, Thorsteinsdottir U, Despriet DD, Ennis S, Moroi SE, Martin NG, Jansonius NM, Yazar S, Tai ES, Amouyel P, Kirwan J, van Koolwijk LM, Hauser MA, Jonasson F, Leo P, Loomis SJ, Fogarty R, Rivadeneira F, Kearns L, Lackner KJ, de Jong PT, Simpson CL, Pennell CE, Oostra BA, Uitterlinden AG, Saw SM, Lotery AJ, Bailey-Wilson JE, Hofman A, Vingerling JR, Maubaret C, Pfeiffer N, Wolfs RC, Lemij HG, Young TL, Pasquale LR, Delcourt C, Spector TD, Klaver CC, Small KS, Burdon KP, Stefansson K, Wong TY; BMES GWAS Group; NEIGHBORHOOD Consortium; Wellcome Trust Case Control Consortium 2, Viswanathan A, Mackey DA, Craig JE, Wiggs JL, van Duijn CM, Hammond CJ, Aung T. Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. **Nat Genet**. 2014 Oct;46(10):1126-30
94. Zhang L, Choi HJ, Estrada K, Leo PJ, Li J, Pei YF, Zhang Y, Lin Y, Shen H, Liu YZ, Liu Y, Zhao Y, Zhang JG, Tian Q, Wang YP, Han Y, Ran S, Hai R, Zhu XZ, Wu S, Yan H, Liu X, Yang TL, Guo Y, Zhang F, Guo YF, Chen Y, Chen X, Tan L, Zhang L, Deng FY, Deng H, Rivadeneira F, Duncan EL, Lee JY, Han BG, Cho NH, Nicholson GC, McCloskey E, Eastell R, Prince RL, Eisman JA, Jones G, Reid IR, Sambrook PN, Dennison EM, Danoy P, Yerges-Armstrong LM, Streeten EA, Hu T, Xiang S, Papasian CJ, Brown MA, Shin CS, Uitterlinden AG, Deng HW. Multistage genome-wide association meta-analyses identified two new loci for bone mineral density. **Hum Mol Genet**. 2014 Apr 1;23(7):1923-33.
95. Evangelou E, Kerkhof HJ, Styrkarsdottir U, Ntzani EE, Bos SD, Esko T, Evans DS, Metrustry S, Panoutsopoulou K, Ramos YF, Thorleifsson G, Tsilidis KK; arcOGEN Consortium, Arden N, Aslam N, Bellamy N, Birrell F, Blanco FJ, Carr A, Chapman K, Day-Williams AG, Deloukas P, Doherty M, Engström G, Helgadottir HT, Hofman A, Ingvarsson T, Jonsson H, Keis A, Keurentjes JC, Kloppenburg M, Lind PA, McCaskie A, Martin NG, Milani L, Montgomery GW, Nelissen RG, Nevitt MC, Nilsson PM, Ollier WE,

Parimi N, Rai A, Ralston SH, Reed MR, Riancho JA, Rivadeneira F, Rodriguez-Fontenla C, Southam L, Thorsteinsdottir U, Tsezou A, Wallis GA, Wilkinson JM, Gonzalez A, Lane NE, Lohmander LS, Loughlin J, Metspalu A, Uitterlinden AG, Jonsdottir I, Stefansson K, Slagboom PE, Zeggini E, Meulenbelt I, Ioannidis JP, Spector TD, van Meurs JB, Valdes AM. A meta-analysis of genome-wide association studies identifies novel variants associated with osteoarthritis of the hip. *Ann Rheum Dis*. 2014 Dec;73(12):2130-6.

96. Kerkhof HJ, Bierma-Zeinstra SM, Arden NK, Metruly S, Castano-Betancourt M, Hart DJ, Hofman A, Rivadeneira F, Oei EH, Spector TD, Uitterlinden AG, Janssens AC, Valdes AM, van Meurs JB. Prediction model for knee osteoarthritis incidence, including clinical, genetic and biochemical risk factors. *Ann Rheum Dis*. 2014 Dec;73(12):2116-21.
97. Ham AC, Enneman AW, van Dijk SC, Oliai Araghi S, Swart KM, Sohl E, van Wijngaarden JP, van der Zwaluw NL, Brouwer-Brolsma EM, Dhonukshe-Rutten RA, van Schoor NM, van der Cammen TJ, Zillikens MC, de Jonge R, Lips P, de Groot LC, van Meurs JB, Uitterlinden AG, Witkamp RF, Stricker BH, van der Velde N. Associations between medication use and homocysteine levels in an older population, and potential mediation by vitamin B12 and folate: data from the B-PROOF Study. *Drugs Aging*. 2014 Aug;31(8):611-21.