

Publications

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* Authors contributed equally

1. Weissensteiner H, Forer L, Fendt L, Kheirkhah A, Salas A, Kronenberg F, Schoenherr S: Contamination detection in sequencing studies using the mitochondrial phylogeny. *Genome Res* 31:309-16, 2021. [\[Pub-Med\]](#)
2. Fazzini F*, Fendt L*, Schönherr S, Forer L, Schöpf B, Streiter G, Losso JL, Kloss-Brandstätter A, Kronenberg F, Weissensteiner H: Analyzing Low-Level mtDNA Heteroplasmy-Pitfalls and Challenges from Bench to Benchmarking. *Int J Mol Sci* 22: 935, 2021. [\[Pub-Med\]](#)
3. Fazzini F, Lamina C, Raftopoulou A, Koller A, Fuchsberger C, Pattaro C, Del Greco FM, Dörmeyer P, Fendt L, Fritz J, Meiselbach H, Schönherr S, Forer L, Weissensteiner H, Pramstaller PP, Eckardt KU, Hicks AA, Kronenberg F, Investigators G: Association of mitochondrial DNA copy number with metabolic syndrome and type 2 diabetes in 14,176 individuals. *J Intern Med* 290:190-202, 2021. [\[Pub-Med\]](#)
4. Kheirkhah A, Lamina C, Rantner B, Kollerits B, Stadler M, Pohlhammer J, Klein-Weigel P, Fraedrich G, Kronenberg F: Elevated levels of serum PCSK9 in male patients with symptomatic peripheral artery disease: The CAVASIC study. *Atherosclerosis* 316: 41-47, 2021. [\[Pub-Med\]](#)
5. Futema M, Ramaswami U, Tichy L, Bogsrud MP, Holven KB, Roeters van Lennep J, Wiegman A, Descamps OS, De Leener A, Fastre E, Vrablik M, Freiburger T, Esterbauer H, Dieplinger H, Greber-Platzer S, Medeiros AM, Bourbon M, Mollaki V, Drogari E, Humphries SE: Comparison of the mutation spectrum and association with pre and post treatment lipid measures of children with heterozygous familial hypercholesterolaemia (FH) from eight European countries. *Atherosclerosis* 319: 108-117, 2021. [\[Pub-Med\]](#)
6. Taskinen MR, Björnson E, Kahri J, Söderlund S, Matikainen N, Porthan K, Ainola M, Hakkarainen A, Lundbom N, Fermanelli V, Fuchs J, Thorsell A, Kronenberg F, Andersson L, Adiels M, Packard CJ, Borén J: Effects of Evolocumab on the Postprandial Kinetics of Apo (Apolipoprotein) B100- and B48-Containing Lipoproteins in Subjects With Type 2 Diabetes. *Arterioscler Thromb Vasc Biol* 41:962-75, 2021. [\[Pub-Med\]](#)
7. Sonnweber T, Sahanic S, Pizzini A, Luger A, Schwabl C, Sonnweber B, Kurz K, Koppelstätter S, Haschka D, Petzer V, Boehm A, Aichner M, Tymoszek P, Lener D, Theurl M, Lorschbach-Köhler A, Tancevski A, Schapfl A, Schaber M, Hilbe R, Nairz M, Puchner B, Hüttenberger D, Tschurtschenthaler C, Aßhoff M, Peer A, Hartig F, Bellmann R, Joannidis M, Gollmann-Tepeköylü C, Holfeld J, Feuchtnner G, Egger A, Hoermann G, Schroll A, Fritsche G, Wildner S, Bellmann-Weiler R, Kirchmair R, Helbok R, Prosch H, Rieder D, Trajanoski Z, Kronenberg F, Wöll E, Weiss G, Widmann G, Löffler-Ragg J, Tancevski I: Cardiopulmonary recovery after COVID-19 - an observational prospective multi-center trial. *Eur Respir J* 57: 2003481, 2021. [\[Pub-Med\]](#)
8. Rijken DC, de Vries JJ, Malfliet J, Bos S, Kronenberg F, Leijten FP, Roeters van Lennep JE, Uitte de Willige S, van der Zee L, Mulder MT: How significant is the antifibrinolytic effect of lipoprotein(a) for blood clot lysis? *Thromb Res* 198: 210-212, 2021. [\[Pub-Med\]](#)
9. Gorski M*, Jung B*, Li Y*, Matias-Garcia PR*, Wuttke M, Coassin S, Thio CHL, Kleber ME, Winkler TW, Wanner V, Chai JF, Chu AY, Cocca M, Feitosa MF, Ghasemi S, Hoppmann A, Horn K, Li M, Nutile T, Scholz M, Sieber KB, Teumer A, Tin A, Wang J, Tayo BO, Ahluwalia TS, Almgren P, Bakker SJL, Banas B, Bansal N, Biggs ML, Boerwinkle E, Bottinger EP, Brenner H, Carroll RJ, Chalmers J, Chee ML, Chee ML, Cheng CY, Coresh J, de Borst MH, Degenhardt F, Eckardt KU, Endlich K, Franke A, Freitag-Wolf S, Gampawar P, Gansevoort RT, Ghanbari M, Gieger C, Hamet P, Ho K, Hofer E, Hollecsek B, Xian Foo VH, Hutri-Kähönen N, Hwang SJ, Ikram MA, Josyula NS, Kähönen M, Khor CC, Koenig W, Kramer H, Krämer BK, Kühnel B, Lange LA, Lehtimäki T, Lieb W, Loos RJF, Lukas MA,

- Lyytikäinen LP, Meisinger C, Meitinger T, Melander O, Milaneschi Y, Mishra PP, Mononen N, Mychaleckyj JC, Nadkarni GN, Nauck M, Nikus K, Ning B, Nolte IM, O'Donoghue ML, Orholm-Melander M, Pendergrass SA, Penninx B, Preuss MH, Psaty BM, Raffield LM, Raitakari OT, Rettig R, Rheinberger M, Rice KM, Rosenkranz AR, Rossing P, Rotter JI, Sabanayagam C, Schmidt H, Schmidt R, Schöttker B, Schulz CA, Sedaghat S, Shaffer CM, Strauch K, Szymczak S, Taylor KD, Tremblay J, Chaker L, van der Harst P, van der Most PJ, Verweij N, Völker U, Waldenberger M, Wallentin L, Waterworth DM, White HD, Wilson JG, Wong TY, Woodward M, Yang Q, Yasuda M, Yerges-Armstrong LM, Zhang Y, Snieder H, Wanner C, Böger CA*, Köttgen A*, Kronenberg F*, Pattaro C*, Heid IM*: Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. *Kidney Int* 99: 926-39, 2021. [\[Pub-Med\]](#)
10. Cheng Y, Schlosser P, Hertel J, Sekula P, Oefner PJ, Spiekerkoetter U, Mielke J, Freitag DF, Schmidts M, Kronenberg E, Eckardt KU, Thiele I, Li Y, Köttgen A: Rare genetic variants affecting urine metabolite levels link population variation to inborn errors of metabolism. *Nat Commun* 12: 964, 2021. [\[Pub-Med\]](#)
11. Cobbaert CM, Althaus H, Begcevic Brkovic I, Ceglarek U, Coassin S, Delatour V, Deprez L, Dikaos I, Dittrich J, Hoofnagle AN, Kostner GM, Kronenberg E, Kuklennyik Z, Prinzing U, Vesper HW, Zegers I, Ruhaak LR: Towards an SI-Traceable Reference Measurement System for Seven Serum Apolipoproteins Using Bottom-Up Quantitative Proteomics: Conceptual Approach Enabled by Cross-Disciplinary/Cross-Sector Collaboration. *Clin Chem* 67:478-89, 2021. [\[Pub-Med\]](#)
12. Brzezinski D, Kowiel M, Cooper DR, Cymborowski M, Grabowski M, Wlodawer A, Dauter Z, Shabalin IG, Gilski M, Rupp B, Jaskolski M, Minor W: Covid-19.bioreproducibility.org: A web resource for SARS-CoV-2-related structural models. *Protein Sci* 30:115-24, 2021. [\[Pub-Med\]](#)
13. Zeng L, Moser S, Mirza-Schreiber N, Lamina C, Coassin S, Nelson CP, Annilo T, Franzén O, Kleber ME, Mack S, Andlauer TFM, Jiang B, Stiller B, Li L, Willenborg C, Munz M, Kessler T, Kastrati A, Laugwitz KL, Erdmann J, Moebus S, Nöthen MM, Peters A, Strauch K, Müller-Nurasyid M, Gieger C, Meitinger T, Steinhagen-Thiessen E, März W, Metspalu A, Björkegren JLM, Samani NJ, Kronenberg F, Müller-Myhsok B, Schunkert H: Cis-epistasis at the LPA locus and risk of cardiovascular diseases. *Cardiovasc Res* (in press) [\[Pub-Med\]](#)
14. Waibl F, Liedl KR, Rupp B: Correcting cis-trans-transgressions in macromolecular structure models. *FEBS J* (in press). [\[Pub-Med\]](#)
15. Taliun D, Harris DN, Kessler MD, Carlson J, Szpiech ZA, Torres R, Taliun SAG, Corvelo A, Gogarten SM, Kang HM, Pitsillides AN, LeFaive J, Lee SB, Tian X, Browning BL, Das S, Emde AK, Clarke WE, Loesch DP, Shetty AC, Blackwell TW, Smith AV, Wong Q, Liu X, Conomos MP, Bobo DM, Aguet F, Albert C, Alonso A, Ardlie KG, Arking DE, Aslibekyan S, Auer PL, Barnard J, Barr RG, Barwick L, Becker LC, Beer RL, Benjamin EJ, Bielak LF, Blangero J, Boehnke M, Bowden DW, Brody JA, Burchard EG, Cade BE, Casella JF, Chalazan B, Chasman DI, Chen YI, Cho MH, Choi SH, Chung MK, Clish CB, Correa A, Curran JE, Custer B, Darbar D, Daya M, de Andrade M, DeMeo DL, Dutcher SK, Ellinor PT, Emery LS, Eng C, Fatkin D, Fingerlin T, Forer L, Fornage M, Franceschini N, Fuchsberger C, Fullerton SM, Germer S, Gladwin MT, Gottlieb DJ, Guo X, Hall ME, He J, Heard-Costa NL, Heckbert SR, Irvin MR, Johnsen JM, Johnson AD, Kaplan R, Kardia SLR, Kelly T, Kelly S, Kenny EE, Kiel DP, Klemmer R, Konkle BA, Kooperberg C, Köttgen A, Lange LA, Lasky-Su J, Levy D, Lin X, Lin KH, Liu C, Loos RJF, Garman L, Gerszten R, Lubitz SA, Lunetta KL, Mak ACY, Manichaikul A, Manning AK, Mathias RA, McManus DD, McGarvey ST, Meigs JB, Meyers DA, Mikulla JL, Minear MA, Mitchell BD, Mohanty S, Montasser ME, Montgomery C, Morrison AC, Murabito JM, Natale A, Natarajan P, Nelson SC, North KE, O'Connell JR, Palmer ND, Pankratz N, Peloso GM, Peyser PA, Pleiness J, Post WS, Psaty BM, Rao DC, Redline S, Reiner AP, Roden D, Rotter JI, Ruczinski I, Sarnowski C, Schoenherr S, Schwartz DA, Seo JS, Seshadri S, Sheehan VA, Sheu WH, Shoemaker MB, Smith NL, Smith JA, Sotoodehnia N, Stilp AM, Tang W, Taylor KD, Telen M, Thornton TA, Tracy RP, Van Den Berg DJ, Vasani RS, Viaud-Martinez KA, Vrieze S, Weeks DE, Weir BS, Weiss ST, Weng LC, Willer CJ, Zhang Y, Zhao X, Arnett DK, Ashley-Koch AE, Barnes KC, Boerwinkle E, Gabriel S,

- Gibbs R, Rice KM, Rich SS, Silverman EK, Qasba P, Gan W, Papanicolaou GJ, Nickerson DA, Browning SR, Zody MC, Zöllner S, Wilson JG, Cupples LA, Laurie CC, Jaquish CE, Hernandez RD, O'Connor TD, Abecasis GR: Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. *Nature* 590: 290-299, 2021. [\[Pub-Med\]](#)
16. Sailer S*, Coassin S*, Lackner K, Fischer C, McNeill E, Streiter G, Kremser C, Maglione M, Green CM, Moralli D, Moschen AR, Keller MA, Golderer G, Werner-Felmayer G, Tegeder I, Channon KM, Davies B, Werner ER, Watschinger K: When the genome bluffs: a tandem duplication event during generation of a novel Agmo knockout mouse model fools routine genotyping. *Cell Biosci* 11: 54, 2021. [\[Pub-Med\]](#)
17. Jaskolski M, Dauter Z, Shabalín IG, Gilski M, Brzezinski D, Kowiel M, Rupp B, Wlodawer A: Crystallographic models of SARS-CoV-2 3CL(pro): in-depth assessment of structure quality and validation. *IUCr* 8: 238-256, 2021. [\[Pub-Med\]](#)
18. van Dam-Nolen DHK, van Dijk AC, Crombag G, Lucci C, Kooi ME, Hendrikse J, Nederkoorn PJ, Daemen M, van der Steen AFW, Koudstaal PJ, Kronenberg F, Roeters van Lennep JE, Mulder MT, van der Lugt A: Lipoprotein(a) levels and atherosclerotic plaque characteristics in the carotid artery: The Plaque at RISK (PARISK) study. *Atherosclerosis* 329: 22-29, 2021. [\[Pub-Med\]](#)
19. Probst-Hensch N, Jeong A, Stolz D, Pons M, Soccia PM, Bettschart R, Jarvis D, Holloway JW, Kronenberg F, Imboden M, Schindler C, Lovison GF: Causal Effects of Body Mass Index on Airflow Obstruction and Forced Mid-Expiratory Flow: A Mendelian Randomization Study Taking Interactions and Age-Specific Instruments Into Consideration Toward a Life Course Perspective. *Front Public Health* 9: 584955, 2021. [\[Pub-Med\]](#)
20. Latzko L, Schöpf B, Weissensteiner H, Fazzini F, Fendt L, Steiner E, Bruckmoser E, Schafer G, Moncayo RC, Klocker H, Laimer J: Implications of Standardized Uptake Values of Oral Squamous Cell Carcinoma in PET-CT on Prognosis, Tumor Characteristics and Mitochondrial DNA Heteroplasmy. *Cancers (Basel)* 13: 2273, 2021. [\[Pub-Med\]](#)
21. Kloss-Brandstätter A, Summerer M, Horst D, Horst B, Streiter G, Raschenberger J, Kronenberg F, Sanguansermsri T, Horst J, Weissensteiner H: An in-depth analysis of the mitochondrial phylogenetic landscape of Cambodia. *Sci Rep* 11: 10816, 2021. [\[Pub-Med\]](#)
22. Grabowski M, Macnar JM, Cymborowski M, Cooper DR, Shabalín IG, Gilski M, Brzezinski D, Kowiel M, Dauter Z, Rupp B, Wlodawer A, Jaskolski M, Minor W: Rapid response to emerging biomedical challenges and threats. *IUCr* 8: 395-407, 2021. [\[Pub-Med\]](#)
23. Ebert T, Qureshi AR, Lamina C, Fotheringham J, Froissart M, Eckardt KU, Wheeler DC, Floege J, Kronenberg F, Stenvinkel P: Time-dependent lipid profile inversely associates with mortality in hemodialysis patients - independent of inflammation/malnutrition. *J Intern Med*, (in press). [\[Pub-Med\]](#)
24. Bauer A, Schreinlechner M, Sappeler N, Dolejsi T, Tilg H, Aulner BA, Weiss G, Bellmann-Weiler R, Adolf C, Wolf D, Pirklbauer M, Graziadei I, Gänzer H, von Bary C, May AE, Wöll E, von Scheidt W, Rassaf T, Duerschmied D, Brenner C, Käab S, Metzler B, Joannidis M, Kain H-U, Kaiser N, Schwinger R, Witzensbichler B, Alber H, Straube F, Hartmann N, Achenbach S, von Bergwelt-Baildon M, von Stülpnagel L, Schoenherr S, Forer L, Embacher-Aichhorn S, Mansmann U, Rizas KD, Massberg S, ACEI-COVID investigators.: Discontinuation versus continuation of renin-angiotensin-system inhibitors in COVID-19 (ACEI-COVID): a prospective, parallel group, randomised, controlled, open-label trial. *The Lancet Respiratory Medicine*, (in press). [\[Pub-Med\]](#)
25. Binder CJ, Boren J, Catapano A, Kronenberg F, Mallat Z, Negrini S, Oorni K, Raggi P, von Eckardstein A: The year 2020 in Atherosclerosis. *Atherosclerosis* 326: 35-44, 2021. [\[Pub-Med\]](#)
26. Lamina C, Kronenberg F: The causal association of bilirubin with cardiovascular disease: Are there still any questions? *Atherosclerosis* 320: 92-94, 2021. [\[Pub-Med\]](#)
27. Kronenberg F: Aortic valve stenosis: the long and winding road. *Eur Heart J*, 42:1212-1214, 2021. [\[Pub-Med\]](#)

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Publications 2020

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1. [Schöpf B](#), [Weissensteiner H](#), [Schäfer G](#), [Fazzini F](#), [Charoentong P](#), [Naschberger A](#), [Rupp B](#), [Fendt L](#), [Bukur V](#), [Giese I](#), [Sorn P](#), [Sant'Anna-Silva AC](#), [Iglesias-Gonzalez J](#), [Sahin U](#), [Kronenberg E](#), [Gnaiger E](#), [Klocker H](#): OXPPOS remodeling in high-grade prostate cancer involves mtDNA mutations and increased succinate oxidation. *Nat. Commun.* 11:1487, 2020. [\[Pub-Med\]](#)
2. [Di Maio S](#), [Grüneis R](#), [Streiter G](#), [Lamina C](#), [Maglione M](#), [Schoenherr S](#), [Öfner D](#), [Thorand B](#), [Peters A](#), [Eckardt K-U](#), [Köttgen A](#), [Kronenberg F](#), [Coassin S](#): Investigation of a nonsense mutation located in the complex KIV-2 copy number variation region of apolipoprotein(a) in 10,910 individuals. *Genome Medicine* 12: 74, 2020. [\[Pub-Med\]](#)
3. [Fazzini F](#), [Lamina C](#), [Raschenberger J](#), [Schultheiss UT](#), [Kotsis F](#), [Schönherr S](#), [Weissensteiner H](#), [Forer L](#), [Steinbrenner I](#), [Meiselbach H](#), [Bärthlein B](#), [Wanner C](#), [Eckardt K-U](#), [Köttgen A](#), [Kronenberg E](#): Results from the German Chronic Kidney Disease (GCKD) study support association of relative telomere length with mortality in a large cohort of patients with moderate chronic kidney disease. *Kidney International* 98: 488-497, 2020. [\[Pub-Med\]](#)
4. [Koller A](#), [Fazzini F](#), [Lamina C](#), [Rantner B](#), [Kollerits B](#), [Stadler M](#), [Klein-Weigel P](#), [Fraedrich G](#), [Kronenberg F](#): Mitochondrial DNA copy number is associated with all-cause mortality and cardiovascular events in patients with peripheral arterial disease. *J. Intern. Med.* 287:569-579, 2020. [\[Pub-Med\]](#)
5. [Lamina C](#), [Kronenberg F](#), [Stenvinkel P](#), [Froissart M](#), [Forer L](#), [Schönherr S](#), [Wheeler DC](#), [Eckardt KU](#), [Floege J](#): Association of changes in bone mineral parameters with mortality in haemodialysis patients: insights from the ARO cohort. *Nephrol. Dial. Transplant.* 35:478-487, 2020. [\[Pub-Med\]](#)
6. [Coassin S](#), [Hermann-Kleiter N](#), [Haun M](#), [Wahl S](#), [Wilson R](#), [Paulweber B](#), [Kunze S](#), [Meitinger T](#), [Strauch K](#), [Peters A](#), [Waldenberger M](#), [Kronenberg F](#), [Lamina C](#): A genome-wide analysis of DNA methylation identifies a novel association signal for Lp(a) concentrations in the LPA promoter. *PLOS ONE* 15: e0232073, 2020. [\[Pub-Med\]](#)
7. [Eze IC](#), [Jeong A](#), [Schaffner E](#), [Rezwan FI](#), [Ghantous A](#), [Foraster M](#), [Vienneau D](#), [Kronenberg F](#), [Herceg Z](#), [Vineis P](#), [Brink M](#), [Wunderli J-M](#), [Schindler C](#), [Cajochen C](#), [Röösli M](#), [Holloway JW](#), [Imboden M](#), [Probst-Hensch N](#): Genome-Wide DNA Methylation in Peripheral Blood and Long-Term Exposure to Source-Specific Transportation Noise and Air Pollution: The SAPALDIA Study. *Environmental Health Perspectives* 128: 067003, 2020. [\[Pub-Med\]](#)
8. [Fotheringham J](#), [Smith MT](#), [Froissart M](#), [Kronenberg F](#), [Stenvinkel P](#), [Floege J](#), [Eckardt K-U](#), [Wheeler DC](#): Hospitalization and mortality following non-attendance for hemodialysis according to dialysis day of the week: a European cohort study. *BMC Nephrology* 21:218, 2020. [\[Pub-Med\]](#)
9. [Delabays B](#), [Marques-Vidal P](#), [Kronenberg E](#), [Waeber G](#), [Vollenweider P](#), [Vaucher J](#): Use of lipoprotein(a) for refining cardiovascular risk prediction in a low-risk population: The CoLaus/PsyCoLaus study. *European Journal of Preventive Cardiology*: 204748732093827, 2020. [\[Pub-Med\]](#)
10. [Singh SS](#), [Rashid M](#), [Lieverse AG](#), [Kronenberg F](#), [Lamina C](#), [Mulder MT](#), [De Rijke YB](#), [Sijbrands EJG](#), [van Hoek M](#): Lipoprotein(a) plasma levels are not associated with incident microvascular complications in type 2 diabetes mellitus. *Diabetologia* 63: 1248-1257, 2020. [\[Pub-Med\]](#)

11. Hegele RA, Boren J, Ginsberg HN, Arca M, Averna M, Binder CJ, Calabresi L, Chapman MJ, Cuchel M, von EA, Frikke-Schmidt R, Gaudet D, Hovingh GK, [Kronenberg F](#), Lutjohann D, Parhofer KG, Raal FJ, Ray KK, Remaley AT, Stock JK, Stroes ES, Tokgozoglu L, Catapano AL: Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. *Lancet Diabetes Endocrinol.* 8:50-67, 2020. [\[Pub-Med\]](#)
12. Schlosser P, Li Y, Sekula P, Raffler J, Grundner-Culemann F, Pietzner M, Cheng Y, Wuttke M, Steinbrenner I, Schultheiss UT, Kotsis F, Kacprowski T, [Forer L](#), Hausknecht B, Ekici AB, Nauck M, Völker U, GCKD Investigators, Walz G, Oefner PJ, [Kronenberg F](#), Mohney RP, Köttgen M, Suhre K, Eckardt KU, Kastenmüller G, Köttgen A: Genetic studies of urinary metabolites illuminate mechanisms of detoxification and excretion in humans. *Nature Genet.* 52:167-176, 2020. [\[Pub-Med\]](#)
13. Maas R, Mieth M, Titze SI, Hubner S, Fromm MF, Kielstein JT, Schmid M, Kottgen A, [Kronenberg F](#), Krane V, Hausknecht B, Eckardt KU, Schneider MP: Drugs linked to plasma homoarginine in chronic kidney disease patients-a cross-sectional analysis of the German Chronic Kidney Disease cohort. *Nephrol. Dial. Transplant.* 35: 1187-1195, 2020. [\[Pub-Med\]](#)
14. Chen Z, Boehnke M, [Fuchsberger C](#): Combining sequence data from multiple studies: Impact of analysis strategies on rare variant calling and association results. *Genet. Epidemiol.* 44:41-51, 2020. [\[Pub-Med\]](#)
15. Demetz E, Tymoszuk P, Hilbe R, Volani C, Haschka D, Heim C, Auer K, Lener D, Zeiger LB, Pfeifhofer-Obermair C, Boehm A, Obermair GJ, Ablinger C, [Coassin S](#), [Lamina C](#), Kager J, Petzer V, Asshoff M, Schroll A, Nairz M, Dichtl S, Seifert M, von RL, Fischer C, Barros-Pinkelning M, Brigo N, Valente de SL, Sopper S, Hirsch J, Graber M, Gollmann-Tepekoylu C, Holfeld J, Halper J, Macheiner S, Gostner J, Vogel GF, Pechlaner R, Moser P, Imboden M, Marques-Vidal P, Probst-Hensch NM, Meiselbach H, Strauch K, Peters A, Paulweber B, Willeit J, Kiechl S, [Kronenberg F](#), Theurl I, Tancevski I, Weiss G: The haemochromatosis gene Hfe and Kupffer cells control LDL cholesterol homeostasis and impact on atherosclerosis development. *Eur. Heart J.* 41:3949-59, 2000. [\[Pub-Med\]](#)
16. Riedl A, Hillesheim E, Wawro N, Meisinger C, Peters A, Roden M, [Kronenberg F](#), Herder C, Rathmann W, Volzke H, Reincke M, Koenig W, Wallaschofski H, Daniel H, Hauner H, Brennan L, Linseisen J: Evaluation of the Metabotype Concept Identified in an Irish Population in the German KORA Cohort Study. *Mol. Nutr. Food Res.* 64:e1900918, 2020. [\[Pub-Med\]](#)
17. [Fendt L](#), [Fazzini F](#), [Weissensteiner H](#), [Bruckmoser E](#), [Schonherr S](#), [Schafer G](#), [Losso JL](#), [Streiter GA](#), [Lamina C](#), [Rasse M](#), [Klocker H](#), [Kofler B](#), [Kloss-Brandstatter A](#), [Huck CW](#), [Kronenberg F](#), [Laimer J](#): Profiling of Mitochondrial DNA Heteroplasmy in a Prospective Oral Squamous Cell Carcinoma Study. *Cancers (Basel)* 12:1933, 2020. [\[Pub-Med\]](#)
18. Ramaswami U, Futema M, Bogsrud MP, Holven KB, Roeters van LJ, Wiegman A, Descamps OS, Vrablik M, Freiburger T, [Dieplinger H](#), Greber-Platzer S, Hanauer-Mader G, Bourbon M, Drogari E, Humphries SE: Comparison of the characteristics at diagnosis and treatment of children with heterozygous familial hypercholesterolaemia (FH) from eight European countries. *Atherosclerosis* 292:178-187, 2020. [\[Pub-Med\]](#)
19. Yang X, Yang W, McVey DG, Zhao G, Hu J, Poston RN, Ren M, Willeit K, [Coassin S](#), Willeit J, Webb TR, Samani NJ, Mayr M, Kiechl S, Ye S: FURIN Expression in Vascular Endothelial Cells Is Modulated by a Coronary Artery Disease-Associated Genetic Variant and Influences Monocyte Transendothelial Migration. *J Am Heart Assoc* 9: e014333, 2020. [\[Pub-Med\]](#)
20. Salas A, [Schonherr S](#), Bandelt HJ, Gomez-Carballa A, [Weissensteiner H](#): Extraordinary claims require extraordinary evidence in asserted mtDNA biparental inheritance. *Forensic Sci Int Genet* 47: 102274, 2020. [\[Pub-Med\]](#)
21. Werner ER, Keller MA, Sailer S, Lackner K, Koch J, Hermann M, [Coassin S](#), Golderer G, Werner-Felmayer G, Zoeller RA, Hulo N, Berger J, Watschinger K: The TMEM189 gene encodes plasmalogen desaturase which introduces the characteristic vinyl ether double bond into plasmalogens. *Proc Natl Acad Sci U S A* 117: 7792-7798, 2020. [\[Pub-Med\]](#)

22. Weiss AKH, Naschberger A, Cappuccio E, Metzger C, Mottes L, Holzknecht M, von Velsen J, Bowler MW, Rupp B, Jansen-Durr P: Structural and functional comparison of fumarylacetoacetate domain containing protein 1 in human and mouse. *Biosci Rep* 40, 2020. [\[Pub-Med\]](#)
23. Wlodawer A, Dauter Z, Shabalin IG, Gilski M, Brzezinski D, Kowiel M, Minor W, Rupp B, Jaskolski M: Ligand-centered assessment of SARS-CoV-2 drug target models in the Protein Data Bank. *FEBS J* 287:3703-18, 2020. [\[Pub-Med\]](#)
24. Cheng Y, Li Y, Benkowitz P, Lamina C, Kottgen A, Sekula P: The relationship between blood metabolites of the tryptophan pathway and kidney function: a bidirectional Mendelian randomization analysis. *Sci Rep* 10: 12675, 2020. [\[Pub-Med\]](#)
25. Nielsen JB, Rom O, Surakka I, Graham SE, Zhou W, Roychowdhury T, Fritsche LG, Gagliano Taliun SA, Sidore C, Liu Y, Gabrielsen ME, Skogholt AH, Wolford B, Overton W, Zhao Y, Chen J, Zhang H, Hornsby WE, Acheampong A, Grooms A, Schaefer A, Zajac GJM, Villacorta L, Zhang J, Brumpton B, Løset M, Rai V, Lundegaard PR, Olesen MS, Taylor KD, Palmer ND, Chen YD, Choi SH, Lubitz SA, Ellinor PT, Barnes KC, Daya M, Rafaels N, Weiss ST, Lasky-Su J, Tracy RP, Vasani RS, Cupples LA, Mathias RA, Yanek LR, Becker LC, Peyser PA, Bielak LF, Smith JA, Aslibekyan S, Hidalgo BA, Arnett DK, Irvin MR, Wilson JG, Musani SK, Correa A, Rich SS, Guo X, Rotter JI, Konkole BA, Johnsen JM, Ashley-Koch AE, Telen MJ, Sheehan VA, Blangero J, Curran JE, Peralta JM, Montgomery C, Sheu WH, Chung RH, Schwander K, Nouraei SM, Gordeuk VR, Zhang Y, Kooperberg C, Reiner AP, Jackson RD, Blecker ER, Meyers DA, Li X, Das S, Yu K, LeFaive J, Smith A, Blackwell T, Taliun D, Zollner S, Forer L, Schoenherr S, Fuchsberger C, Pandit A, Zawistowski M, Khetarpal S, Brummett CM, Natarajan P, Schlessinger D, Lee S, Kang HM, Cucca F, Holmen OL, Åsvold BO, Boehnke M, Kathiresan S, Abecasis GR, Chen YE, Willer CJ, Hveem K: Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. *Nat Commun* 11: 6417, 2020. [\[Pub-Med\]](#)
26. Hunjadi M, Lamina C, Kahler P, Bernscherer T, Viikari J, Lehtimäki T, Kähönen M, Hurme M, Juonala M, Taittonen L, Laitinen T, Jokinen E, Tossavainen P, Hutri-Kähönen N, Raitakari O, Ritsch A: HDL cholesterol efflux capacity is inversely associated with subclinical cardiovascular risk markers in young adults: The cardiovascular risk in Young Finns study. *Sci Rep* 10: 19223, 2020. [\[Pub-Med\]](#)
27. Quick C, Anugu P, Musani S, Weiss ST, Burchard EG, White MJ, Keys KL, Cucca F, Sidore C, Boehnke M, Fuchsberger C: Sequencing and imputation in GWAS: Cost-effective strategies to increase power and genomic coverage across diverse populations. *Genet Epidemiol* 44: 537-549, 2020. [\[Pub-Med\]](#)
28. Nordestgaard BG, Langlois MR, Langsted A, Chapman MJ, Aakre KM, Baum H, Boren J, Bruckert E, Catapano A, Cobbaert C, Collinson P, Descamps OS, Duff CJ, von EA, Hammerer-Lercher A, Kamstrup PR, Kolovou G, Kronenberg F, Mora S, Pulkki K, Remaley AT, Rifai N, Ros E, Stankovic S, Stavljenic-Rukavina A, Sypniewska G, Watts GF, Wiklund O, Laitinen P: Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. *Atherosclerosis* 294:46-61, 2020. [\[Pub-Med\]](#)
29. Fotheringham J, Latimer N, Froissart M, Kronenberg F, Stenvinkel P, Floege J, Eckardt KU, Wheeler DC: Survival on four compared with three times per week haemodialysis in high ultrafiltration patients: an observational study. *Clin Kidney J* 14: 665-672, 2020. [\[Pub-Med\]](#)
30. Binder CJ, Boren J, Catapano AL, Dallinga-Thie G, Kronenberg F, Mallat Z, Negrini S, Raggi P, von Eckardstein A: The year 2019 in Atherosclerosis. *Atherosclerosis* 299: 67-75, 2020 (Editorial). [\[Pub-Med\]](#)
31. Langlois MR, Nordestgaard BG, Langsted A, Chapman MJ, Aakre KM, Baum H, Boren J, Bruckert E, Catapano A, Cobbs S, Duff CJ, von EA, Hammerer-Lercher A, Kamstrup PR, Kolovou G, Kronenberg F, Mora S, Pulkki K, Remaley AT, Rifai N, Ros E, Stankovic S, Stavljenic-Rukavina A, Sypniewska G, Watts GF, Wiklund O, Laitinen P: Quantifying atherogenic lipoproteins for lipid-lowering strategies: consensus-based recommendations from EAS and EFLM. *Clin. Chem. Lab Med.* 58:496-517, 2020. [\[Pub-Med\]](#)

32. Kronenberg F, Schernthaner GH: How many more data is required to give the kidney the attention it deserves? Time to act for the "Big Five" of cardiovascular risk. ***Atherosclerosis*** 297:146-148, 2020 (Editorial). [\[Pub-Med\]](#)
33. Coassin S, Kronenberg F: Mechanistic insights into lipoprotein(a): from infamous to 'inflammous'. ***Eur Heart J*** 41: 2272-2274, 2020 (Editorial). [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2019

* Authors contributed equally

1. Coassin S*, Schönherr S*, Weissensteiner H, Erhart G, Forer L, Losso JL, Lamina C, Haun M, Utermann G, Paulweber B, Specht G, Kronenberg F: A comprehensive map of single base polymorphisms in the hypervariable LPA Kringle IV-2 copy number variation region. ***J. Lipid Res.*** 60:186-199, 2019. [\[Pub-Med\]](#)
2. Lamina C, Kronenberg F: Estimation of the Required Lipoprotein(a)-Lowering Therapeutic Effect Size for Reduction in Coronary Heart Disease Outcomes: A Mendelian Randomization Analysis. ***JAMA Cardiol.*** 4:575-579, 2019. [\[Pub-Med\]](#)
3. Fazzini F, Lamina C, Fendt L, Schultheiss UT, Kotsis F, Hicks AA, Meiselbach H, Weissensteiner H, Forer L, Krane V, Eckardt KU, Köttgen A, Kronenberg F: Mitochondrial DNA copy number is associated with mortality and infections in a large cohort of patients with chronic kidney disease. ***Kidney Int.*** 96:480-488, 2019. [\[Pub-Med\]](#)
4. Chang AR, Grams ME, Ballew SH, Bilo H, Correa A, Evans M, Gutierrez OM, Hosseinpanah F, Iseki K, Kenealy T, Klein B, Kronenberg F, Lee BJ, Li Y, Miura K, Navaneethan SD, Roderick PJ, Valdivielso JM, Visseren FLJ, Zhang L, Gansevoort RT, Hallan SI, Levey AS, Matsushita K, Shalev V, Woodward M, for the CKD Prognosis Consortium: Adiposity and the risk of glomerular filtration rate decline: results from a global consortium including over 5 million subjects. ***BMJ*** 364: k5301, 2019. [\[Pub-Med\]](#)
5. Haschka D, Volani C, Stefani A, Tymoszyk P, Mitterling T, Holzkecht E, Heidbreder A, Coassin S, Sumbalova Z, Seifert M, Dichtl S, Theurl I, Gnaiger E, Kronenberg F, Frauscher B, Högl B, Weiss G: Association of mitochondrial iron deficiency and dysfunction with idiopathic restless legs syndrome. ***Mov Disord.*** 34:114-123, 2019. [\[Pub-Med\]](#)
6. Inker LA, Grams ME, Levey AS, Coresh J, Cirillo M, Collins JF, Gansevoort RT, Gutierrez OM, Hamano T, Heine GH, Ishikawa S, Jee SH, Kronenberg F, Landray MJ, Miura K, Nadkarni GN, Peralta CA, Rothenbacher D, Schaeffner E, Sedaghat S, Shlipak MG, Zhang L, van Zuijlen AD, Hallan SI, Kovesdy CP, Woodward M, Levin A: Relationship of Estimated GFR and Albuminuria to Concurrent Laboratory Abnormalities: An Individual Participant Data Meta-analysis in a Global Consortium. ***Am. J. Kidney Dis.*** 73:206-217, 2019. [\[Pub-Med\]](#)
7. Quick C, Fuchsberger C, Taliun D, Abecasis G, Boehnke M, Kang HM: emeraLD: rapid linkage disequilibrium estimation with massive datasets. ***Bioinformatics*** 35:164-166, 2019. [\[Pub-Med\]](#)
8. Huth C, von TC, Schederecker F, de Las Heras GT, Herder C, Kronenberg F, Meisinger C, Rathmann W, Koenig W, Waldenberger M, Roden M, Peters A, Hauck SM, Thorand B: Protein markers and risk of type 2 diabetes and prediabetes: a targeted proteomics approach in the KORA F4/FF4 study. ***Eur. J. Epidemiol.*** 34:409-422, 2019. [\[Pub-Med\]](#)
9. Unterberger I, Dobesberger J, Schober H, Krabichler B, Lamina C, Schatz U, Zschocke J, Luef G, Kotzot D, Fauth C: A further case of familial ring chromosome 20 mosaicism. ***Eur. J. Med. Genet.*** 62:103564, 2019. [\[Pub-Med\]](#)

10. Kronenberg F: Prediction of cardiovascular risk by Lp(a) concentrations or genetic variants within the LPA gene region. *Clin. Res. Cardiol. Suppl* 14:5-12, 2019. [\[Pub-Med\]](#)
11. Jeong A, Imboden M, Ghantous A, Novoloaca A, Carsin AE, Kogevinas M, Schindler C, Lovison G, Herceg Z, Cuenin C, Vermeulen R, Jarvis D, Amaral AFS, Kronenberg F, Vineis P, Probst-Hensch N: DNA Methylation in Inflammatory Pathways Modifies the Association between BMI and Adult-Onset Non-Atopic Asthma. *Int. J. Environ. Res. Public Health* 16:600, 2019. [\[Pub-Med\]](#)
12. Meier-Girard D, Delgado-Eckert E, Schaffner E, Schindler C, Kunzli N, Adam M, Pichot V, Kronenberg F, Imboden M, Frey U, Probst-Hensch N: Association of long-term exposure to traffic-related PM10 with heart rate variability and heart rate dynamics in healthy subjects. *Environ. Int.* 125:107-116, 2019. [\[Pub-Med\]](#)
13. Yahya R, Berk K, Verhoeven A, Bos S, van der Zee L, Touw J, Erhart G, Kronenberg F, Timman R, Sijbrands E, Roeters van LJ, Mulder M: Statin treatment increases lipoprotein(a) levels in subjects with low molecular weight apolipoprotein(a) phenotype. *Atherosclerosis* 289:201-205, 2019. [\[Pub-Med\]](#)
14. Bateson M, Aviv A, Bendix L, Benetos A, Ben-Shlomo Y, Bojesen SE, Cooper C, Cooper R, Deary IJ, Hagg S, Harris SE, Kark JD, Kronenberg F, Kuh D, Labat C, Martin-Ruiz CM, Meyer C, Nordestgaard BG, Penninx BWJH, Pepper GV, Revesz D, Said MA, Starr JM, Syddall H, Thomson WM, van der Harst P, Whooley M, von ZT, Willeit P, Zhan Y, Nettle D: Smoking does not accelerate leucocyte telomere attrition: a meta-analysis of 18 longitudinal cohorts. *R. Soc. Open. Sci.* 6:190420, 2019. [\[Pub-Med\]](#)
15. Wuttke M, Li Y, Li M, Sieber KB, Feitosa MF, Gorski M, Tin A, Wang L, Chu AY, Hoppmann A, Kirsten H, Giri A, Chai JF, Sveinbjornsson G, Tayo BO, Nutile T, Fuchsberger C, Marten J, Cocca M, Ghasemi S, Xu Y, Horn K, Noce D, van der Most PJ, Sedaghat S, Yu Z, Akiyama M, Afaq S, Ahluwalia TS, Almgren P, Amin N, Arnlov J, Bakker SJL, Bansal N, Baptista D, Bergmann S, Biggs ML, Biino G, Boehnke M, Boerwinkle E, Boissel M, Bottinger EP, Boutin TS, Brenner H, Brumat M, Burkhardt R, Butterworth AS, Campana E, Campbell A, Campbell H, Canouil M, Carroll RJ, Catamo E, Chambers JC, Chee ML, Chee ML, Chen X, Cheng CY, Cheng Y, Christensen K, Cifkova R, Ciullo M, Concas MP, Cook JP, Coresh J, Corre T, Sala CF, Cusi D, Danesh J, Daw EW, de Borst MH, De GA, de MR, de Vries APJ, Degenhardt F, Delgado G, Demirkan A, Di AE, Dittrich K, Divers J, Dorajoo R, Eckardt KU, Ehret G, Elliott P, Endlich K, Evans MK, Felix JF, Foo VHX, Franco OH, Franke A, Freedman BI, Freitag-Wolf S, Friedlander Y, Froguel P, Gansevoort RT, Gao H, Gasparini P, Gaziano JM, Giedraitis V, Gieger C, Girotto G, Giulianini F, Gogele M, Gordon SD, Gudbjartsson DF, Gudnason V, Haller T, Hamet P, Harris TB, Hartman CA, Hayward C, Hellwege JN, Heng CK, Hicks AA, Hofer E, Huang W, Hutri-Kahonen N, Hwang SJ, Ikram MA, Indridason OS, Ingelsson E, Ising M, Jaddoe VWV, Jakobsdottir J, Jonas JB, Joshi PK, Josyula NS, Jung B, Kahonen M, Kamatani Y, Kammerer CM, Kanai M, Kastarinen M, Kerr SM, Khor CC, Kiess W, Kleber ME, Koenig W, Kooner JS, Korner A, Kovacs P, Kraja AT, Krajcoviechova A, Kramer H, Kramer BK, Kronenberg F, Kubo M, Kuhnel B, Kuokkanen M, Kuusisto J, La BM, Laakso M, Lange LA, Langefeld CD, Lee JJ, Lehne B, Lehtimaki T, Lieb W, Lim SC, Lind L, Lindgren CM, Liu J, Liu J, Loeffler M, Loos RJF, Lucae S, Lukas MA, Lyytikainen LP, Magi R, Magnusson PKE, Mahajan A, Martin NG, Martins J, Marz W, Mascalzoni D, Matsuda K, Meisinger C, Meitinger T, Melander O, Metspalu A, Mikaelsdottir EK, Milaneschi Y, Miliku K, Mishra PP, Mohlke KL, Mononen N, Montgomery GW, Mook-Kanamori DO, Mychaleckyj JC, Nadkarni GN, Nalls MA, Nauck M, Nikus K, Ning B, Nolte IM, Noordam R, O'Connell J, O'Donoghue ML, Olafsson I, Oldehinkel AJ, Orho-Melander M, Ouwehand WH, Padmanabhan S, Palmer ND, Palsson R, Penninx BWJH, Perls T, Perola M, Pirastu M, Pirastu N, Pistis G, Podgornaia AI, Polasek O, Ponte B, Porteous DJ, Poulain T, Pramstaller PP, Preuss MH, Prins BP, Province MA, Rabelink TJ, Raffield LM, Raitakari OT, Reilly DF, Rettig R, Rheinberger M, Rice KM, Ridker PM, Rivadeneira F, Rizzi F, Roberts DJ, Robino A, Rossing P, Rudan I, Rueedi R, Ruggiero D, Ryan KA, Saba Y, Sabanayagam C, Salomaa V, Salvi E, Saum KU, Schmidt H, Schmidt R, Schottker B, Schulz CA, Schupf N, Shaffer CM, Shi Y, Smith AV, Smith BH, Soranzo N, Spracklen CN, Strauch K, Stringham HM, Stumvoll M, Svensson PO, Szymczak S, Tai ES, Tajuddin SM, Tan NYQ, Taylor KD, Teren A, Tham YC, Thiery J, Thio CHL, Thomsen H, Thorleifsson G, Toniolo D, Tönjes A, Tremblay J, Tzoulaki I, Uitterlinden AG, Vaccargiu S, van Dam RM, van der Harst P, van Duijn CM, Velez Edward

- DR, Verweij N, Vogelesang S, Völker U, Vollenweider P, Waeber G, Waldenberger M, Wallentin L, Wang YX, Wang C, Waterworth DM, Bin Wei W, White H, Whitfield JB, Wild SH, Wilson JF, Wojczynski MK, Wong C, Wong TY, Xu L, Yang Q, Yasuda M, Yerges-Armstrong LM, Zhang W, Zonderman AB, Rotter JJ, Bochud M, Psaty BM, Vitart V, Wilson JG, Dehghan A, Parsa A, Chasman DI, Ho K, Morris AP, Devuyst O, Akilesh S, Pendergrass SA, Sim X, Böger CA, Okada Y, Edwards TL, Snieder H, Stefansson K, Hung AM, Heid IM, Scholz M, Teumer A, Köttgen A, Pattaro C: A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nat. Genet.* 51:957-972, 2019. [\[Pub-Med\]](#)
16. Imboden M, Wielscher M, Rezwan FI, Amaral AFS, Schaffner E, Jeong A, Beckmeyer-Borowko A, Harris SE, Starr JM, Deary IJ, Flexeder C, Waldenberger M, Peters A, Schulz H, Chen S, Sunny SK, Karmaus WJJ, Jiang Y, Erhart G, Kronenberg F, Arathimos R, Sharp GC, Henderson AJ, Fu Y, Piirila P, Pietilainen KH, Ollikainen M, Johansson A, Gyllensten U, de VM, van der Plaats DA, de JK, Boezen HM, Hall IP, Tobin MD, Jarvelin MR, Holloway JW, Jarvis D, Probst-Hensch NM: Epigenome-wide association study of lung function level and its change. *Eur. Respir. J.* 54:2019. [\[Pub-Med\]](#)
17. Tin A, Marten J, Halperin Kuhns VL, Li Y, Wuttke M, Kirsten H, Sieber KB, Qiu C, Gorski M, Yu Z, Giri A, Sveinbjornsson G, Li M, Chu AY, Hoppmann A, O'Connor LJ, Prins B, Nutile T, Noce D, Akiyama M, Cocca M, Ghasemi S, van der Most PJ, Horn K, Xu Y, Fuchsberger C, Sedaghat S, Afaq S, Amin N, Arnlov J, Bakker SJL, Bansal N, Baptista D, Bergmann S, Biggs ML, Biino G, Boerwinkle E, Bottinger EP, Boutin TS, Brumat M, Burkhardt R, Campana E, Campbell A, Campbell H, Carroll RJ, Catamo E, Chambers JC, Ciullo M, Concas MP, Coresh J, Corre T, Cusi D, Felicita SC, de Borst MH, De GA, de MR, de Vries APJ, Delgado G, Demirkan A, Devuyst O, Dittrich K, Eckardt KU, Ehret G, Endlich K, Evans MK, Gansevoort RT, Gasparini P, Giedraitis V, Gieger C, Girotto G, Gogele M, Gordon SD, Gudbjartsson DF, Gudnason V, Haller T, Hamet P, Harris TB, Hayward C, Hicks AA, Hofer E, Holm H, Huang W, Hutri-Kahonen N, Hwang SJ, Ikram MA, Lewis RM, Ingelsson E, Jakobsdottir J, Jonsdottir I, Jonsson H, Joshi PK, Josyula NS, Jung B, Kahonen M, Kamatani Y, Kanai M, Kerr SM, Kiess W, Kleber ME, Koenig W, Kooner JS, Korner A, Kovacs P, Kramer BK, Kronenberg F, Kubo M, Kuhnel B, La BM, Lange LA, Lehne B, Lehtimäki T, Liu J, Loeffler M, Loos RJF, Lyytikäinen LP, Magi R, Mahajan A, Martin NG, Marz W, Mascialzoni D, Matsuda K, Meisinger C, Meitinger T, Metspalu A, Milaneschi Y, O'Donnell CJ, Wilson OD, Gaziano JM, Mishra PP, Mohlke KL, Mononen N, Montgomery GW, Mook-Kanamori DO, Muller-Nurasyid M, Nadkarni GN, Nalls MA, Nauck M, Nikus K, Ning B, Nolte IM, Noordam R, O'Connell JR, Olafsson I, Padmanabhan S, Penninx BWJH, Perls T, Peters A, Pirastu M, Pirastu N, Pistis G, Polasek O, Ponte B, Porteous DJ, Poulain T, Preuss MH, Rabelink TJ, Raffield LM, Raitakari OT, Rettig R, Rheinberger M, Rice KM, Rizzi F, Robino A, Rudan I, Krajevichova A, Cifkova R, Rueedi R, Ruggiero D, Ryan KA, Saba Y, Salvi E, Schmidt H, Schmidt R, Shaffer CM, Smith AV, Smith BH, Spracklen CN, Strauch K, Stumvoll M, Sulem P, Tajuddin SM, Teren A, Thiery J, Thio CHL, Thorsteinsdottir U, Toniolo D, Tonjes A, Tremblay J, Uitterlinden AG, Vaccargiu S, van der Harst P, Van Duijn CM, Verweij N, Volker U, Vollenweider P, Waeber G, Waldenberger M, Whitfield JB, Wild SH, Wilson JF, Yang Q, Zhang W, Zonderman AB, Bochud M, Wilson JG, Pendergrass SA, Ho K, Parsa A, Pramstaller PP, Psaty BM, Boger CA, Snieder H, Butterworth AS, Okada Y, Edwards TL, Stefansson K, Susztak K, Scholz M, Heid IM, Hung AM, Teumer A, Pattaro C, Woodward OM, Vitart V, Kottgen A: Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nat. Genet.* 51:1459-74, 2019. [\[Pub-Med\]](#)
18. Teumer A, Li Y, Ghasemi S, Prins BP, Wuttke M, Hermle T, Giri A, Sieber KB, Qiu C, Kirsten H, Tin A, Chu AY, Bansal N, Feitosa MF, Wang L, Chai JF, Cocca M, Fuchsberger C, Gorski M, Hoppmann A, Horn K, Li M, Marten J, Noce D, Nutile T, Sedaghat S, Sveinbjornsson G, Tayo BO, van der Most PJ, Xu Y, Yu Z, Gerstner L, Arnlov J, Bakker SJL, Baptista D, Biggs ML, Boerwinkle E, Brenner H, Burkhardt R, Carroll RJ, Chee ML, Chee ML, Chen M, Cheng CY, Cook JP, Coresh J, Corre T, Danesh J, de Borst MH, De GA, de MR, de Vries APJ, Degenhardt F, Dittrich K, Divers J, Eckardt KU, Ehret G, Endlich K, Felix JF, Franco OH, Franke A, Freedman BI, Freitag-Wolf S, Gansevoort RT, Giedraitis V, Gogele M, Grundner-Culemann F, Gudbjartsson DF, Gudnason V, Hamet P, Harris TB, Hicks AA, Holm H, Foo VHX, Hwang SJ, Ikram MA, Ingelsson E, Jaddoe VWV, Jakobsdottir J, Josyula NS, Jung B, Kahonen M, Khor CC, Kiess W, Koenig W, Korner A, Kovacs P, Kramer H, Kramer BK, Kronenberg

- E, Lange LA, Langefeld CD, Lee JJ, Lehtimaki T, Lieb W, Lim SC, Lind L, Lindgren CM, Liu J, Loeffler M, Lyytikainen LP, Mahajan A, Maranville JC, Mascalzoni D, McMullen B, Meisinger C, Meitinger T, Miliku K, Mook-Kanamori DO, Muller-Nurasyid M, Mychaleckyj JC, Nauck M, Nikus K, Ning B, Noordam R, Connell JO, Olafsson I, Palmer ND, Peters A, Podgornaia AI, Ponte B, Poulain T, Pramstaller PP, Rabelink TJ, Raffield LM, Reilly DF, Rettig R, Rheinberger M, Rice KM, Rivadeneira F, Runz H, Ryan KA, Sabanayagam C, Saum KU, Schottker B, Shaffer CM, Shi Y, Smith AV, Strauch K, Stumvoll M, Sun BB, Szymczak S, Tai ES, Tan NYQ, Taylor KD, Teren A, Tham YC, Thiery J, Thio CHL, Thomsen H, Thorsteinsdottir U, Tonjes A, Tremblay J, Uitterlinden AG, van der Harst P, Verweij N, Vogelesang S, Volker U, Waldenberger M, Wang C, Wilson OD, Wong C, Wong TY, Yang Q, Yasuda M, Akilesh S, Bochud M, Boger CA, Devuyst O, Edwards TL, Ho K, Morris AP, Parsa A, Pendergrass SA, Psaty BM, Rotter JI, Stefansson K, Wilson JG, Susztak K, Snieder H, Heid IM, Scholz M, Butterworth AS, Hung AM, Pattaro C, Kottgen A: Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. *Nat. Commun.* 10:4130, 2019. [\[Pub-Med\]](#)
19. Scharnagl H, Stojakovic T, Dieplinger B, Dieplinger H, Erhart G, Kostner GM, Hermann M, März W, Grammer TB: Comparison of lipoprotein(a) serum concentrations measured by six commercially available immunoassays. *Atherosclerosis* 289:206-213, 2019. [\[Pub-Med\]](#)
20. Dietz C, Muller M, Reinhold AK, Karch L, Schwab B, Forer L, Vlckova E, Brede EM, Jakubietz R, Uceyler N, Meffert R, Bednarik J, Kress M, Sommer C, Dimova V, Birklein F, Rittner HL: What is normal trauma healing and what is complex regional pain syndrome I? An analysis of clinical and experimental biomarkers. *Pain* 160:2278-2289, 2019. [\[Pub-Med\]](#)
21. Koeninger A, Iannaccone A, Hajder E, Frank M, Schmidt B, Schleussner E, Kimmig R, Gellhaus A, Dieplinger H: Afamin predicts gestational diabetes in polycystic ovary syndrome patients preconceptionally. *Endocr. Connect.* 8:616-624, 2019. [\[Pub-Med\]](#)
22. Weiss AKH, Holzknrecht M, Cappuccio E, Dorigatti I, Kreidl K, Naschberger A, Rupp B, Gstach H, Jansen-Durr P: Expression, Purification, Crystallization, and Enzyme Assays of Fumarylacetoacetate Hydrolase Domain-Containing Proteins. *J. Vis. Exp.* 148:e59729, 2019. [\[Pub-Med\]](#)
23. Fricke J, Sherwood A, Kargbo R, Orry A, Blei F, Naschberger A, Rupp B, Hoffmeister D: Enzymatic route toward 6-methylated baecocystin and psilocybin. *Chembiochem.* 20:2824-2829, 2019. [\[Pub-Med\]](#)
24. Boehm A, Pizzini A, Sonnweber T, Loeffler-Ragg J, Lamina C, Weiss G, Tancevski I: Assessing global COPD awareness with Google Trends. *Eur. Respir. J.* 53:1900351, 2019. [\[Pub-Med\]](#)
25. Boehm A, Pizzini A, Sonnweber T, Loeffler-Ragg J, Lamina C, Weiss G, Tancevski I: Using Google Trends to investigate global COPD awareness. *Eur. Respir. J.* 54:1901339, 2019. [Answer to a Letter to the Editor] . [\[Pub-Med\]](#)
26. Pjeta R, Wunderer J, Bertemes P, Hofer T, Salvenmoser W, Lengerer B, Coassin S, Erhart G, Beisel C, Sobral D, Kremser L, Lindner H, Curini-Galletti M, Stelzer CP, Hess MW, Ladurner P: Temporary adhesion of the proseriate flatworm *Minona ileanae*. *Philos. Trans. R. Soc. Lond B Biol. Sci.* 374:20190194, 2019. [\[Pub-Med\]](#)
27. Kieback AG, Espinola-Klein C, Lamina C, Moebus S, Tiller D, Lorbeer R, Schulz A, Meisinger C, Medenwald D, Erbel R, Kluttig A, Wild PS, Kronenberg F, Kroger K, Ittermann T, Dorr M: One simple claudication question as first step in Peripheral Arterial Disease (PAD) screening: A meta-analysis of the association with reduced Ankle Brachial Index (ABI) in 27,945 subjects. *PLoS. ONE.* 14:e0224608, 2019. [\[Pub-Med\]](#)
28. GenomeAsia100K Consortium, Wall JD, Stawiski EW, Ratan A, Kim HL, Kim C, Gupta R, Suryamohan K, Gusareva ES, Purbojati RW, Bhangale T, Stepanov V, Kharkov V, Schröder MS, Ramprasad V, Tom J, Durinck S, Bei Q, Li J, Guillory J, Phalke S, Basu A, Stinson J, Nair S, Malaichamy S, Biswas NK, Chambers JC, Cheng KC, George JT, Khor SS, Kim JI, Cho B, Menon R, Sattibabu T, Bassi A, Deshmukh M, Verma A, Gopalan V, Shin JY, Pratapneni M, Santhosh S, Tokunaga K, Md-Zain BM, Chan KG, Parani M, Natarajan P, Hauser M, Allingham RR, Santiago-Turla C, Ghosh A, Gadde SGK, Fuchsberger C, Forer L, Schoenherr S, Sudoyo H, Lansing JS, Friedlaender J, Koki G, Cox MP,

Hammer M, Karafet T, Ang KC, Mehdi SQ, Radha V, Mohan V, Majumder PP, Seshagiri S, Seo JS, Schuster SC, Peterson AS: The GenomeAsia 100K Project enables genetic discoveries across Asia. *Nature* 576:106-111, 2019.

[\[Pub-Med\]](#)

29. Schmidt AF, Holmes MV, Preiss D, Swerdlow DI, Denaxas S, Fatemifar G, Faraway R, Finan C, Valentine D, Fairhurst-Hunter Z, Hartwig FP, Horta BL, Hypponen E, Power C, Moldovan M, van IE, Hovingh K, Demuth I, Norman K, Steinhagen-Thiessen E, Demuth J, Bertram L, Lill CM, Coassin S, Willeit J, Kiechl S, Willeit K, Mason D, Wright J, Morris R, Wanamethee G, Whincup P, Ben-Shlomo Y, McLachlan S, Price JF, Kivimaki M, Welch C, Sanchez-Galvez A, Marques-Vidal P, Nicolaides A, Panayiotou AG, Onland-Moret NC, Van der Schouw YT, Matullo G, Fiorito G, Guarrera S, Sacerdote C, Wareham NJ, Langenberg C, Scott RA, Luan J, Bobak M, Malyutina S, Pajak A, Kubinova R, Tamosiunas A, Pikhart H, Grarup N, Pedersen O, Hansen T, Linneberg A, Jess T, Cooper J, Humphries SE, Brilliant M, Kitchner T, Hakonarson H, Carrell DS, McCarty CA, Lester KH, Larson EB, Crosslin DR, de AM, Roden DM, Denny JC, Carty C, Hancock S, Attia J, Holliday E, Scott R, Schofield P, O'Donnell M, Yusuf S, Chong M, Pare G, van der Harst P, Said MA, Eppinga RN, Verweij N, Snieder H, Christen T, Mook-Kanamori DO, Gustafsson S, Lind L, Ingelsson E, Pazoki R, Franco O, Hofman A, Uitterlinden A, Dehghan A, Teumer A, Baumeister S, Dorr M, Lerch MM, Volker U, Volzke H, Ward J, Pell JP, Meade T, Christophersen IE, Maitland-van der Zee AH, Baranova EV, Young R, Ford I, Campbell A, Padmanabhan S, Bots ML, Grobbee DE, Froguel P, Thuillier D, Roussel R, Bonnefond A, Cariou B, Smart M, Bao Y, Kumari M, Mahajan A, Hopewell JC, Seshadri S, Dale C, Costa RPE, Ridker PM, Chasman DI, Reiner AP, Ritchie MD, Lange LA, Cornish AJ, Dobbins SE, Hemminki K, Kinnersley B, Sanson M, Labreche K, Simon M, Bondy M, Law P, Speedy H, Allan J, Li N, Went M, Weinhold N, Morgan G, Sonneveld P, Nilsson B, Goldschmidt H, Sud A, Engert A, Hansson M, Hemingway H, Asselbergs FW, Patel RS, Keating BJ, Sattar N, Houlston R, Casas JP, Hingorani AD: Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. *BMC Cardiovasc. Disord.* 19:240, 2019.

[\[Pub-Med\]](#)

30. Heilmann E, Kimpel J, Geley S, Naschberger A, Urbiola C, Nolden T, von LD, Wollmann G: The Methyltransferase Region of Vesicular Stomatitis Virus L Polymerase Is a Target Site for Functional Intramolecular Insertion. *Viruses.* 11:989, 2019.

[\[Pub-Med\]](#)

31. Naschberger A, Juyoux P, von VJ, Rupp B, Bowler MW: Controlled dehydration, structural flexibility and gadolinium MRI contrast compound binding in the human plasma glycoprotein afamin. *Acta Crystallogr. D. Struct. Biol.* 75:1071-1083, 2019.

[\[Pub-Med\]](#)

32. Wall JD, Ratan A, Stawiski E, GenomeAsia100K Consortium (collaborators: Fuchsberger C, Forer L, Schoenherr S): Identification of African-Specific Admixture between Modern and Archaic Humans. *Am. J. Hum. Genet.* 105:1254-1261, 2019.

[\[Pub-Med\]](#)

33. Kronenberg F: Therapeutic lowering of lipoprotein(a): How much is enough? *Atherosclerosis* 288:163-165, 2019.

[\[Pub-Med\]](#)

34. Kronenberg F, Tsimikas S: The challenges of measuring Lp(a): A fight against Hydra? *Atherosclerosis* 289:181-183, 2019.

[\[Pub-Med\]](#)

[\[top\]](#)

Publications 2018

* Authors contributed equally

1. Kronenberg F: HDL in CKD - the devil is in the detail. *J. Am. Soc. Nephrol.* 29:1356-1371, 2018, (Invited Review).

[\[Pub-Med\]](#)

2. Erhart G, Lamina C, Lehtimäki T, Marques-Vidal P, Kähönen M, Vollenweider P, Raitakari OT, Waeber G, Thorand B, Strauch K, Gieger C, Meitinger T, Peters A, Kronenberg F, Coassin S: Genetic factors explain a major fraction of the 50% lower lipoprotein[a] concentrations in Finns. *Arterioscler Thromb Vasc Bio* 38:1230-1241, 2018. [\[Pub-Med\]](#)
3. Fazzini F, Schöpf B, Blatzer M, Coassin S, Hicks AA, Kronenberg F, Fendt L: Plasmid-normalized quantification of relative mitochondrial DNA copy number. *Sci. Rep.* 8:15347, 2018. [\[Pub-Med\]](#)
4. Willeit P, Ridker PM, Nestel PJ, Simes J, Tonkin AM, Pedersen TR, Schwartz GG, Olsson AG, Colhoun HM, Kronenberg F, Drechsler C, Wanner C, Mora S, Lesogor A, Tsimikas S: Baseline and on-statin treatment lipoprotein(a) levels for prediction of cardiovascular events: individual patient-data meta-analysis of statin outcome trials. *Lancet* 392:1311-1320, 2018. [\[Pub-Med\]](#)
5. Li Y, Sekula P, Wuttke M, Wahrheit J, Hausknecht B, Schultheiss UT, Gronwald W, Schlosser P, Tucci S, Ekici AB, Spiekerkoetter U, Kronenberg F, Eckardt KU, Oefner PJ, Köttgen A: Genome-wide association studies of metabolites in CKD patients identify multiple loci and illuminate tubular transport mechanisms. *J. Am. Soc. Nephrol.* 29:1513-1524, 2018. [\[Pub-Med\]](#)
6. Curjuric I, Imboden M, Bettschart R, Caviezel S, Dratva J, Pons M, Rothe T, Schmidt-Trucksass A, Stolz D, Thun GA, von EA, Kronenberg F, Ferrarotti I, Probst-Hensch NM: Alpha-1 antitrypsin deficiency: From the lung to the heart? *Atherosclerosis* 270:166-172, 2018 [\[Pub-Med\]](#)
7. Wlodawer A, Dauter Z, Porebski PJ, Minor W, Stanfield R, Jaskolski M, Pozharski E, Weichenberger CX, Rupp B: Detect, correct, retract: How to manage incorrect structural models. *FEBS J.* 285:444-466, 2018. [\[Pub-Med\]](#)
8. Tramontana A, Dieplinger B, Stangl G, Hafner E, Dieplinger H: First trimester serum afamin concentrations are associated with the development of pre-eclampsia and gestational diabetes mellitus in pregnant women. *Clin. Chim. Acta* 476:160-166, 2018. [\[Pub-Med\]](#)
9. Mahajan A, Wessel J, Willems SM, Zhao W, Robertson NR, Chu AY, Gan W, Kitajima H, Taliun D, Rayner NW, Guo X, Lu Y, Li M, Jensen RA, Hu Y, Huo S, Lohman KK, Zhang W, Cook JP, Prins BP, Flannick J, Grarup N, Trubetskoy VV, Kravic J, Kim YJ, Rybin DV, Yaghootkar H, Muller-Nurasyid M, Meidtner K, Li-Gao R, Varga TV, Marten J, Li J, Smith AV, An P, Ligthart S, Gustafsson S, Malerba G, Demirkan A, Tajes JF, Steinthorsdottir V, Wuttke M, Lecoeur C, Preuss M, Bielak LF, Graff M, Highland HM, Justice AE, Liu DJ, Marouli E, Peloso GM, Warren HR, Afaq S, Afzal S, Ahlqvist E, Almgren P, Amin N, Bang LB, Bertoni AG, Bombieri C, Bork-Jensen J, Brandslund I, Brody JA, Burt NP, Canouil M, Chen YI, Cho YS, Christensen C, Eastwood SV, Eckardt KU, Fischer K, Gambaro G, Giedraitis V, Grove ML, de Haan HG, Hackinger S, Hai Y, Han S, Tybjaerg-Hansen A, Hivert MF, Isomaa B, Jager S, Jorgensen ME, Jorgensen T, Karajamaki A, Kim BJ, Kim SS, Koistinen HA, Kovacs P, Kriebel J, Kronenberg F, Lall K, Lange LA, Lee JJ, Lehne B, Li H, Lin KH, Linneberg A, Liu CT, Liu J, Loh M, Magi R, Mamakou V, McKean-Cowdin R, Nadkarni G, Neville M, Nielsen SF, Ntalla I, Peyser PA, Rathmann W, Rice K, Rich SS, Rode L, Rolandsson O, Schönherr S, Selvin E, Small KS, Stancakova A, Surendran P, Taylor KD, Teslovich TM, Thorand B, Thorleifsson G, Tin A, Tonjes A, Varbo A, Witte DR, Wood AR, Yajnik P, Yao J, Yengo L, Young R, Amouyel P, Boeing H, Boerwinkle E, Bottinger EP, Chowdhury R, Collins FS, Dedoussis G, Dehghan A, Deloukas P, Ferrario MM, Ferrieres J, Florez JC, Frossard P, Gudnason V, Harris TB, Heckbert SR, Howson JMM, Ingelsson M, Kathiresan S, Kee F, Kuusisto J, Langenberg C, Launer LJ, Lindgren CM, Mannisto S, Meitinger T, Melander O, Mohlke KL, Moitry M, Morris AD, Murray AD, de MR, Orho-Melander M, Owen KR, Perola M, Peters A, Province MA, Rasheed A, Ridker PM, Rivadineira F, Rosendaal FR, Rosengren AH, Salomaa V, Sheu WH, Sladek R, Smith BH, Strauch K, Uitterlinden AG, Varma R, Willer CJ, Bluher M, Butterworth AS, Chambers JC, Chasman DI, Danesh J, van DC, Dupuis J, Franco OH, Franks PW, Froguel P, Grallert H, Groop L, Han BG, Hansen T, Hattersley AT, Hayward C, Ingelsson E, Kardia SLR, Karpe F, Kooner JS, Kottgen A, Kuulasmaa K, Laakso M, Lin X, Lind L, Liu Y, Loos RJF, Marchini J, Metspalu A, Mook-Kanamori D, Nordestgaard BG, Palmer CNA, Pankow JS, Pedersen O, Psaty BM, Rauramaa R, Sattar N, Schulze MB, Soranzo N, Spector TD, Stefansson K, Stumvoll M, Thorsteinsdottir U, Tuomi T, Tuomilehto J, Wareham NJ, Wilson JG, Zeggini E, Scott RA, Barroso I,

- Frayling TM, Goodarzi MO, Meigs JB, Boehnke M, Saleheen D, Morris AP, Rotter JI, McCarthy MI: Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nat. Genet.* 50:559-571, 2018. [\[Pub-Med\]](#)
10. Teumer A, Chaker L, Groeneweg S, Li Y, Di MC, Barbieri C, Schultheiss UT, Traglia M, Ahluwalia TS, Akiyama M, Appel EVR, Arking DE, Arnold A, Astrup A, Beekman M, Beilby JP, Bekaert S, Boerwinkle E, Brown SJ, De BM, Campbell PJ, Ceresini G, Cerqueira C, Cucca F, Deary IJ, Deelen J, Eckardt KU, Ekici AB, Eriksson JG, Ferrucci L, Fiers T, Fiorillo E, Ford I, Fox CS, Fuchsberger C, Galesloot TE, Gieger C, Gogele M, De GA, Grarup N, Greiser KH, Haljas K, Hansen T, Harris SE, van HD, den HM, Hicks AA, den HW, Homuth G, Hui J, Ikram MA, Ittermann T, Jensen RA, Jing J, Jukema JW, Kajantie E, Kamatani Y, Kasbohm E, Kaufman JM, Kiemeny LA, Kloppenburg M, Kronenberg F, Kubo M, Lahti J, Lapauw B, Li S, Liewald DCM, Lim EM, Linneberg A, Marina M, Mascalconi D, Matsuda K, Medenwald D, Meisinger C, Meulenbelt I, de MT, Meyer Zu Schwabedissen HE, Mikolajczyk R, Moed M, Netea-Maier RT, Nolte IM, Okada Y, Pala M, Pattaro C, Pedersen O, Petersmann A, Porcu E, Postmus I, Pramstaller PP, Psaty BM, Ramos YFM, Rawal R, Redmond P, Richards JB, Rietzschel ER, Rivadeneira F, Roef G, Rotter JI, Sala CF, Schlessinger D, Selvin E, Slagboom PE, Soranzo N, Sorensen TIA, Spector TD, Starr JM, Stott DJ, Taes Y, Taliun D, Tanaka T, Thuesen B, Tiller D, Toniolo D, Uitterlinden AG, Visser WE, Walsh JP, Wilson SG, Wolfenbutter BHR, Yang Q, Zheng HF, Cappola A, Peeters RP, Naitza S, Volzke H, Sanna S, Kottgen A, Visser TJ, Medici M: Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. *Nat. Commun.* 9:4455, 2018. [\[Pub-Med\]](#)
11. Mahajan A, Taliun D, Thurner M, Robertson NR, Torres JM, Rayner NW, Payne AJ, Steinthorsdottir V, Scott RA, Grarup N, Cook JP, Schmidt EM, Wuttke M, Sarnowski C, Magi R, Nano J, Gieger C, Trompet S, Lecoeur C, Preuss MH, Prins BP, Guo X, Bielak LF, Below JE, Bowden DW, Chambers JC, Kim YJ, Ng MCY, Petty LE, Sim X, Zhang W, Bennett AJ, Bork-Jensen J, Brummett CM, Canouil M, Eckardt KU, Fischer K, Kardia SLR, Kronenberg F, Lall K, Liu CT, Locke AE, Luan J, Ntalla I, Nylander V, Schönherr S, Schurmann C, Yengo L, Bottinger EP, Brandslund I, Christensen C, Dedoussis G, Florez JC, Ford I, Franco OH, Frayling TM, Giedraitis V, Hackinger S, Hattersley AT, Herder C, Ikram MA, Ingelsson M, Jorgensen ME, Jorgensen T, Kriebel J, Kuusisto J, Ligthart S, Lindgren CM, Linneberg A, Lyssenko V, Mamakou V, Meitinger T, Mohlke KL, Morris AD, Nadkarni G, Pankow JS, Peters A, Sattar N, Stancakova A, Strauch K, Taylor KD, Thorand B, Thorleifsson G, Thorsteinsdottir U, Tuomilehto J, Witte DR, Dupuis J, Peyser PA, Zeggini E, Loos RJF, Froguel P, Ingelsson E, Lind L, Groop L, Laakso M, Collins FS, Jukema JW, Palmer CNA, Grallert H, Metspalu A, Dehghan A, Kottgen A, Abecasis GR, Meigs JB, Rotter JI, Marchini J, Pedersen O, Hansen T, Langenberg C, Wareham NJ, Stefansson K, Gloyn AL, Morris AP, Boehnke M, McCarthy MI: Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nat. Genet.* 50:1505-1513, 2018. [\[Pub-Med\]](#)
12. Königer A, Mathan A, Mach P, Frank M, Schmidt B, Schleussner E, Kimmig R, Gellhaus A, Dieplinger H: Is Afamin a novel biomarker for gestational diabetes mellitus? A pilot study. *Reprod. Biol. Endocrinol.* 16:30, 2018. [\[Pub-Med\]](#)
13. Altamirano A, Naschberger A, Fürnrohr BG, Saldova R, Struwe WB, Jennings PM, Millan MS, Malic S, Plangger I, Lechner S, Pisano R, Peretti N, Linke B, Aguiar MM, Fresser F, Ritsch A, Lenac RT, Goode C, Rudd PM, Scheffzek K, Rupp B, Dieplinger H: Expression, Purification, and Biochemical Characterization of Human Afamin. *J. Proteome. Res.* 17:1269-1277, 2018. [\[Pub-Med\]](#)
14. Tramontana A, Pablik E, Stangl G, Hartmann B, Dieplinger H, Hafner E: Combination of first trimester serum afamin levels and three-dimensional placental bed vascularization as a possible screening method to detect women at-risk for adverse pregnancy complications like pre-eclampsia and gestational diabetes mellitus in low-risk pregnancies. *Placenta* 62:9-15, 2018. [\[Pub-Med\]](#)
15. Riedl A, Wawro N, Gieger C, Meisinger C, Peters A, Roden M, Kronenberg F, Herder C, Rathmann W, Volzke H, Reincke M, Koenig W, Wallaschofski H, Hauner H, Daniel H, Linseisen J: Identification

- of Comprehensive Metabotypes Associated with Cardiometabolic Diseases in the Population-Based KORA Study. *Mol. Nutr. Food Res.* e1800117, 2018. [\[Pub-Med\]](#)
16. Brandl C, Zimmermann ME, Gunther F, Barth T, Olden M, Schelter SC, Kronenberg F, Loss J, Kuchenhoff H, Helbig H, Weber BHF, Stark KJ, Heid IM: On the impact of different approaches to classify age-related macular degeneration: Results from the German AugUR study. *Sci. Rep.* 8:8675, 2018. [\[Pub-Med\]](#)
 17. Zhang S, Wolf K, Breitner S, Kronenberg F, Stafoggia M, Peters A, Schneider A: Long-term effects of air pollution on ankle-brachial index. *Environ. Int.* 118:17-25, 2018. [\[Pub-Med\]](#)
 18. Langlois MR, Chapman MJ, Cobbaert C, Mora S, Remaley AT, Ros E, Watts GF, Boren J, Baum H, Bruckert E, Catapano A, Descamps OS, von EA, Kamstrup PR, Kolovou G, Kronenberg F, Langsted A, Pulkki K, Rifai N, Sypniewska G, Wiklund O, Nordestgaard BG: Quantifying Atherogenic Lipoproteins: Current and Future Challenges in the Era of Personalized Medicine and Very Low Concentrations of LDL Cholesterol. A Consensus Statement from EAS and EFLM. *Clin. Chem.* 64:1006-1033, 2018. [\[Pub-Med\]](#)
 19. Jing J, Ekici AB, Sitter T, Eckardt KU, Schaeffner E, Li Y, Kronenberg F, Köttgen A, Schultheiss UT: Genetics of serum urate concentrations and gout in a high-risk population, patients with chronic kidney disease. *Sci. Rep.* 8:13184, 2018. [\[Pub-Med\]](#)
 20. Beckmeyer-Borowko A, Imboden M, Rezwani FI, Wielscher M, Amaral AFS, Jeong A, Schaffner E, Auvinen J, Sebert S, Karhunen V, Bettschart R, Turk A, Pons M, Stolz D, Kronenberg F, Arathimos R, Sharp GC, Relton C, Henderson AJ, Jarvelin MR, Jarvis D, Holloway JW, Probst-Hensch NM: SERPINA1 methylation and lung function in tobacco-smoke exposed European children and adults: a meta-analysis of ALEC population-based cohorts. *Respir. Res.* 19:156, 2018. [\[Pub-Med\]](#)
 21. Schneider MP, Hilgers KF, Schmid M, Hubner S, Nadal J, Seitz D, Busch M, Haller H, Köttgen A, Kronenberg F, Baid-Agrawal S, Schlieper G, Schultheiss U, Sitter T, Sommerer C, Titze S, Meiselbach H, Wanner C, Eckardt KU: Blood pressure control in chronic kidney disease: A cross-sectional analysis from the German Chronic Kidney Disease (GCKD) study. *PLoS. ONE.* 13:e0202604, 2018. [\[Pub-Med\]](#)
 22. Gielen M, Hageman GJ, Antoniou EE, Nordfjall K, Mangino M, Balasubramanyam M, de Meyer T, Hendricks AE, Giltay EJ, Hunt SC, Nettleton JA, Salpea KD, Diaz VA, Farzaneh-Far R, Atzmon G, Harris SE, Hou L, Gilley D, Hovatta I, Kark JD, Nassar H, Kurz DJ, Mather KA, Willeit P, Zheng YL, Pavanello S, Demerath EW, Rode L, Bunout D, Steptoe A, Boardman L, Marti A, Needham B, Zheng W, Ramsey-Goldman R, Pellatt AJ, Kaprio J, Hofmann JN, Gieger C, Paolisso G, Hjelmberg JBH, Mirabello L, Seeman T, Wong J, van der Harst P, Broer L, Kronenberg F, Kollerits B, Strandberg T, Eisenberg DTA, Duggan C, Verhoeven JE, Schaakxs R, Zannolli R, dos Reis RMR, Charchar FJ, Tomaszewski M, Mons U, Demuth I, Molli AEI, Cheng G, Krasniakov D, D'Antonio B, Kasielski M, McDonnell BJ, Ebbstein RP, Sundquist K, Pare G, Chong M, Zeegers MP, TELOMAAS group: Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. *Am. J. Clin. Nutr.* 108:453-475, 2018. [\[Pub-Med\]](#)
 23. Königer A, Eneke A, Mach P, Andrikos D, Schmidt B, Frank M, Birdir C, Kimmig R, Gellhaus A, Dieplinger H: Afamin: an early predictor of preeclampsia. *Arch. Gynecol. Obstet.* 298:1009-1016, 2018. [\[Pub-Med\]](#)
 24. Grams ME, Sang Y, Ballew SH, Carrero JJ, Djurdjev O, Heerspink HJL, Ho K, Ito S, Marks A, Naimark D, Nash DM, Navaneethan SD, Sarnak M, Stengel B, Visseren FLJ, Wang AY, Köttgen A, Levey AS, Woodward M, Eckardt KU, Hemmelgarn B, Coresh J, for the Chronic Kidney Disease Prognosis Consortium: Predicting timing of clinical outcomes in patients with chronic kidney disease and severely decreased glomerular filtration rate. *Kidney Int.* 93:1442-1451, 2018. [\[Pub-Med\]](#)
 25. Evans M, Grams ME, Sang Y, Astor BC, Blankestijn PJ, Brunskill NJ, Collins JF, Kalra PA, Kovesdy CP, Levin A, Mark PB, Moranne O, Rao P, Rios PG, Schneider MP, Shalev V, Zhang H, Chang AR, Gansevoort RT, Matsushita K, Zhang L, Eckardt KU, Hemmelgarn B, Wheeler DC, for the Chronic

- Kidney Disease Prognosis Consortium: Risk Factors for Prognosis in Patients With Severely Decreased GFR. *Kidney Int. Rep.* 3:625-637, 2018. [\[Pub-Med\]](#)
26. Rupp B: Against Method: Table 1-Cui Bono? *Structure.* 26:919-923, 2018. [\[Pub-Med\]](#)
27. Weiss AKH, Naschberger A, Loeffler JR, Gstach H, Bowler MW, Holzknacht M, Cappuccio E, Pittl A, Etemad S, Dunzendorfer-Matt T, Scheffzek K, Liedl KR, Jansen-Durr P: Structural basis for the bi-functionality of human oxaloacetate decarboxylase FAHD1. *Biochem. J.* 475:3561-3576, 2018. [\[Pub-Med\]](#)
28. Watschinger K, Keller MA, Golderer G, Coassin S, Zschocke J, Werner ER: Biochemical Characterization of AGMO Variants Implicated in Relapses in Visceral Leishmaniasis. *J. Infect. Dis.* 217:1846-1847, 2018. [\[Pub-Med\]](#)
29. Koppelstaetter C, Kern G, Leierer G, Mair SM, Mayer G, Leierer J: Effect of cyclosporine, tacrolimus and sirolimus on cellular senescence in renal epithelial cells. *Toxicol. In Vitro* 48:86-92, 2018. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2017

* Authors contributed equally

- Coassin S, Erhart G, Weissensteiner H, Eca Guimaraes de AM, Lamina C, Schönherr S, Forer L, Haun M, Losso JL, Köttgen A, Schmidt K, Utermann G, Peters A, Gieger C, Strauch K, Finkenstedt A, Bale R, Zoller H, Paulweber B, Eckardt KU, Hüttenhofer A, Huber LA, Kronenberg F: A novel but frequent variant in LPA KIV-2 is associated with a pronounced Lp(a) and cardiovascular risk reduction. *Eur. Heart J.* 38:1823-1831, 2017. [\[Pub-Med\]](#)
- Mack S, Coassin S, Rueedi R, Yousri NA, Seppälä I, Gieger C, Schönherr S, Forer L, Erhart G, Marques-Vidal P, Ried JS, Waeber G, Bergmann S, Dähnhardt D, Stöckl A, Raitakari OT, Kähönen M, Peters A, Meitinger T, Strauch K, Kedenko L, Paulweber B, Lehtimäki T, Hunt SC, Vollenweider P, Lamina C, Kronenberg F: A genome-wide association meta-analysis on lipoprotein(a) concentrations adjusted for apolipoprotein(a) isoforms. *J. Lipid Res.* 58:1834-1844, 2017. [\[Pub-Med\]](#)
- Matsushita K, Ballew SH, Coresh J, Arima H, Arnlov J, Cirillo M, Ebert N, Hiramoto JS, Kimm H, Shlipak MG, Visseren FLJ, Gansevoort RT, Kovesdy CP, Shalev V, Woodward M, Kronenberg F: Measures of chronic kidney disease and risk of incident peripheral artery disease: a collaborative meta-analysis of individual participant data. *Lancet Diabetes Endocrinol.* 5:718-728, 2017. [\[Pub-Med\]](#)
- Kollerits B, Lamina C, Huth C, Marques-Vidal P, Kiechl S, Seppala I, Cooper J, Hunt SC, Meisinger C, Herder C, Kedenko L, Willeit J, Thorand B, Dähnhardt D, Stöckl D, Willeit K, Roden M, Rathmann W, Paulweber B, Peters A, Kähönen M, Lehtimäki T, Raitakari OT, Humphries SE, Vollenweider P, Dieplinger H, Kronenberg F: Plasma Concentrations of Afamin Are Associated With Prevalent and Incident Type 2 Diabetes: A Pooled Analysis in More Than 20,000 Individuals. *Diabetes Care* 40:1386-1393, 2017. [\[Pub-Med\]](#)
- Mack S, Coassin S, Vaucher J, Kronenberg F, Lamina C: Evaluating the causal relation of apoA-IV with disease-related traits - A bidirectional two-sample Mendelian Randomization study. *Scientific Reports* 7:8734, 2017. [\[Pub-Med\]](#)
- Rantner B*, Kollerits B*, Pohlhammer J, Stadler M, Lamina C, Peric S, Klein-Weigel P, Mühlthaler H, Fraedrich G, Kronenberg F: The fate of patients with intermittent claudication in the 21st century revisited - results from the CAVASIC Study. *Scientific Reports* 8:45833, 2017. [\[Pub-Med\]](#)
- Berk KA, Yahya R, Verhoeven AJ, Touw J, Leijten FP, van Rossum EF, Wester VL, Lips MA, Pijl H, Timman R, Erhart G, Kronenberg F, Roeters van Lennep JE, Sijbrands EJ, Mulder MT: Effect of diet-

- induced weight loss on lipoprotein(a) levels in obese individuals with and without type 2 diabetes. *Diabetologia* 60: 989-997, 2017. [\[Pub-Med\]](#)
8. Voskarides K, Stefanou C, Pieri M, Demosthenous P, Felekis K, Arsali M, Athanasiou Y, Xydakis D, Stylianou K, Daphnis E, Goulielmos G, Loizou P, Savige J, Hohne M, Volker LA, Benzing T, Maxwell PH, Gale DP, Gorski M, Böger C, Kollerits B, Kronenberg F, Paulweber B, Zavros M, Pierides A, Deltas C: A functional variant in NEPH3 gene confers high risk of renal failure in primary hematuric glomerulopathies. Evidence for predisposition to microalbuminuria in the general population. *PLoS. ONE*. 12:e0174274, 2017. [\[Pub-Med\]](#)
 9. Paige E, Masconi KL, Tsimikas S, Kronenberg F, Santer P, Weger S, Willeit J, Kiechl S, Willeit P: Lipoprotein(a) and incident type-2 diabetes: results from the prospective Bruneck study and a meta-analysis of published literature. *Cardiovasc. Diabetol.* 16:38, 2017. [\[Pub-Med\]](#)
 10. Rantner B, Kollerits B, Roubin GS, Ringleb PA, Jansen O, Howard G, Hendrikse J, Halliday A, Gregson J, Eckstein HH, Calvet D, Bulbulia R, Bonati LH, Becquemini JP, Algra A, Brown MM, Mas JL, Brott TG, Fraedrich G: Early Endarterectomy Carries a Lower Procedural Risk Than Early Stenting in Patients With Symptomatic Stenosis of the Internal Carotid Artery: Results From 4 Randomized Controlled Trials. *Stroke* 48:1580-1587, 2017. [\[Pub-Med\]](#)
 11. Lethaus B, Loberg C, Kloss-Brandstätter A, Bartella AK, Steiner T, Modabber A, Holzle F, Teichmann J: Color duplex ultrasonography versus handheld Doppler to plan anterior lateral thigh flaps. *Microsurgery* 37:388-393, 2017. [\[Pub-Med\]](#)
 12. Standl M, Tesch F, Baurecht H, Rodriguez E, Muller-Nurasyid M, Gieger C, Peters A, Wang-Sattler R, Prehn C, Adamski J, Kronenberg F, Schulz H, Koletzko S, Schikowski T, von BA, Lehmann I, Berdel D, Heinrich J, Schmitt J, Weidinger S: Association of atopic dermatitis with cardiovascular risk factors and diseases. *J. Invest Dermatol.* 137:1074-81, 2017. [\[Pub-Med\]](#)
 13. Adam M, Imboden M, Schaffner E, Boes E, Kronenberg F, Pons M, Bettschart R, Barthelemy JC, Schindler C, Probst-Hensch N: The adverse impact of obesity on heart rate variability is modified by a NFE2L2 gene variant: The SAPALDIA cohort. *Int. J. Cardiol.* 228:341-346, 2017. [\[Pub-Med\]](#)
 14. Hinney A, Kesselmeier M, Jall S, Volckmar AL, Focker M, Antel J, Heid IM, Winkler TW, The GIANT Consortium (collaborator: Lamina C), Grant SF, Guo Y, Bergen AW, Kaye W, Berrettini W, Hakonarson H, Herpertz-Dahlmann B, de ZM, Herzog W, Ehrlich S, Zipfel S, Egberts KM, Adan R, Brandys M, van EA, Boraska P, V, Franklin CS, Tschop MH, Zeggini E, Bulik CM, Collier D, Scherag A, Muller TD, Hebebrand J: Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. *Mol. Psychiatry* 22:192-201, 2017. [\[Pub-Med\]](#)
 15. Sekula P, Li Y, Stanescu HC, Wuttke M, Ekici AB, Bockenhauer D, Walz G, Powis SH, Kielstein JT, Brenchley P, Eckardt KU, Kronenberg F, Kleta R, Köttgen A: Genetic risk variants for membranous nephropathy: extension of and association with other chronic kidney disease aetiologies. *Nephrol. Dial. Transplant.* 32:325-332, 2017. [\[Pub-Med\]](#)
 16. Schmidt AF, Swerdlow DI, Holmes MV, Patel RS, Fairhurst-Hunter Z, Lyall DM, Hartwig FP, Horta BL, Hypponen E, Power C, Moldovan M, van IE, Hovingh GK, Demuth I, Norman K, Steinhagen-Thiessen E, Demuth J, Bertram L, Liu T, Coassin S, Willeit J, Kiechl S, Willeit K, Mason D, Wright J, Morris R, Wanamethee G, Whincup P, Ben-Shlomo Y, McLachlan S, Price JF, Kivimaki M, Welch C, Sanchez-Galvez A, Marques-Vidal P, Nicolaidis A, Panayiotou AG, Onland-Moret NC, Van der Schouw YT, Matullo G, Fiorito G, Guarrera S, Sacerdote C, Wareham NJ, Langenberg C, Scott R, Luan J, Bobak M, Malyutina S, Pajak A, Kubinova R, Tamosiunas A, Pikhart H, Husemoen LL, Grarup N, Pedersen O, Hansen T, Linneberg A, Simonsen KS, Cooper J, Humphries SE, Brilliant M, Kitchner T, Hakonarson H, Carrell DS, McCarty CA, Kirchner HL, Larson EB, Crosslin DR, de AM, Roden DM, Denny JC, Carty C, Hancock S, Attia J, Holliday E, Donnell MO, Yusuf S, Chong M, Pare G, van der Harst P, Said MA, Eppinga RN, Verweij N, Snieder H, Christen T, Mook-Kanamori DO, Gustafsson S, Lind L, Ingelsson E, Pazoki R, Franco O, Hofman A, Uitterlinden A, Dehghan A, Teumer A, Baumeister S, Dorr M, Lerch MM, Volker U, Volzke H, Ward J, Pell JP, Smith DJ, Meade T, Maitland-

- van der Zee AH, Baranova EV, Young R, Ford I, Campbell A, Padmanabhan S, Bots ML, Grobbee DE, Froguel P, Thuillier D, Balkau B, Bonnefond A, Cariou B, Smart M, Bao Y, Kumari M, Mahajan A, Ridker PM, Chasman DI, Reiner AP, Lange LA, Ritchie MD, Asselbergs FW, Casas JP, Keating BJ, Preiss D, Hingorani AD, Sattar N: PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes Endocrinol.* 5: 97-105, 2017. [\[Pub-Med\]](#)
17. Wunnenburger S, Schultheiss UT, Walz G, Hausknecht B, Ekici AB, Kronenberg F, Eckardt KU, Kottgen A, Wuttke M: Associations between genetic risk variants for kidney diseases and kidney disease etiology. *Sci. Rep.* 7:13944, 2017. [\[Pub-Med\]](#)
18. Nikkola E, Ko A, Alvarez M, Cantor RM, Garske K, Kim E, Gee S, Rodriguez A, Muxel R, Matikainen N, Soderlund S, Motazacker MM, Boren J, Lamina C, Kronenberg F, Schneider WJ, Palotie A, Laakso M, Taskinen MR, Pajukanta P: Family-specific aggregation of lipid GWAS variants confers the susceptibility to familial hypercholesterolemia in a large Austrian family. *Atherosclerosis* 264:58-66, 2017. [\[Pub-Med\]](#)
19. Winkler TW, Justice AE, Cupples LA, Kronenberg F, Kutalik Z, Heid IM: Approaches to detect genetic effects that differ between two strata in genome-wide meta-analyses: Recommendations based on a systematic evaluation. *PLoS. ONE.* 12:e0181038, 2017. [\[Pub-Med\]](#)
20. Pozharski E, Deller MC, Rupp B: Validation of protein-ligand crystal structure models: small molecule and peptide ligands. *Methods Mol.Biol.* 1607:611-625, 2017. [\[Pub-Med\]](#)
21. Thöni V, Pfister A, Melmer A, Enrich B, Salzmann K, Kaser S, Lamina C, Ebenbichler CF, Hackl H, Tilg H, Moschen AR: Dynamics of Bile Acid Profiles, GLP-1 and FGF19 after Laparoscopic Gastric Banding. *J.Clin.Endocrinol.Metab* 102:2974-2984, 2017. [\[Pub-Med\]](#)
22. Raputova J, Srotova I, Vlckova E, Sommer C, Uceyler N, Birklein F, Rittner HL, Rebhorn C, Adamova B, Kovalova I, Kralickova NE, Forer L, Belobradkova J, Olsovsky J, Weber P, Dusek L, Jarkovsky J, Bednarik J: Sensory phenotype and risk factors for painful diabetic neuropathy: a cross-sectional observational study. *Pain* 158:2340-2353, 2017. [\[Pub-Med\]](#)
23. Rothe H, Brandenburg V, Haun M, Kollerits B, Kronenberg F, Ketteler M, Wanner C: Ecto-5' - Nucleotidase CD73 (NT5E), vitamin D receptor and FGF23 gene polymorphisms may play a role in the development of calcific uremic arteriolopathy in dialysis patie. *PLoS. ONE.* 12:e0172407, 2017. [\[Pub-Med\]](#)
24. Noureen A, Ronke C, Khalifa M, Halbwx M, Fischer A, Andre C, Atencia R, Garriga R, Mugisha L, Ceglarek U, Thiery J, Utermann G, Schmidt K: Significant differentiation in the apolipoprotein(a)/lipoprotein(a) trait between chimpanzees from Western and Central Africa. *Am. J. Primatol.* 79:2017. [\[Pub-Med\]](#)
25. Taliun D, Chothani SP, Schönherr S, Forer L, Boehnke M, Abecasis GR, Wang C: LASER server: ancestry tracing with genotypes or sequence reads. *Bioinformatics.* 33:2056-2058, 2017. [\[Pub-Med\]](#)
26. Weichenberger CX, Pozharski E, Rupp B: Twilight reloaded: the peptide experience. *Acta Crystallogr. D. Struct. Biol.* 73:211-222, 2017. [\[Pub-Med\]](#)
27. Naschberger A, Orry A, Lechner S, Bowler MW, Nurizzo D, Novokmet M, Keller MA, Oemer G, Seppi D, Haslbeck M, Pansi K, Dieplinger H, Rupp B: Structural Evidence for a Role of the Multi-functional Human Glycoprotein Afamin in Wnt Transport. *Structure.* 25:1907-1915, 2017. [\[Pub-Med\]](#)
28. Gencer B, Kronenberg F, Stroes ES, Mach F: Lipoprotein(a): the revenant. *Eur. Heart J.* 38:1553-1560, 2017. [\[Pub-Med\]](#)
29. Kronenberg F: Apolipoprotein L1 and apolipoprotein A-IV and their association with kidney function. *Curr. Opin. Lipidol.* 28:39-45, 2017. [\[Pub-Med\]](#)
30. Kronenberg F, Schwaiger JP: Risk scores - The modern oracle of Delphi? *Kidney Int.* 91:536-538, 2017. (Invited Commentary). [\[Pub-Med\]](#)

31. Kronenberg F: Lipoprotein(a) – es wird Zeit, das Dornröschen wach zu küssen. *Praxis* 106:949-954, 2017.

[\[Pub-Med\]](#)

[\[top\]](#)

Publications 2016

* Authors contributed equally

1. Raschenberger J*, Lamina C*, Haun M, Kollerits B, Coassin S, Boes E, Kedenko L, Köttgen A, Kronenberg F: Influence of DNA extraction methods on relative telomere length measurements and its impact on epidemiological studies. *Sci. Rep.* 6:25398, 2016. [\[Pub-Med\]](#)
2. Weissensteiner H, Pacher D, Kloss-Brandstatter A, Forer L, Specht G, Bandelt HJ, Kronenberg F, Salas A, Schönherr S: HaploGrep 2: Mitochondrial Haplogroup Classification in the Era of High Throughput Sequencing. *Nucleic Acids Res.* 44:W58-W63, 2016. [\[Pub-Med\]](#)
3. Weissensteiner H, Forer L, Fuchsberger C, Schöpf B, Kloss-Brandstatter A, Specht G, Kronenberg F, Schönherr S: mtDNA-Server: next-generation sequencing data analysis of human mitochondrial DNA in the cloud. *Nucleic Acids Res.* 44:W64-W69, 2016. [\[Pub-Med\]](#)
4. Lamina C*, Friedel S*, Coassin S, Rueedi R, Yousri NA, Seppälä I, Gieger C, Schönherr S, Forer L, Erhart G, Kollerits B, Marques-Vidal P, Ried J, Waeber G, Bergmann S, Dähnhardt D, Stöckl A, Kiechl S, Raitakari OT, Kähönen M, Willeit J, Kedenko L, Paulweber B, Peters A, Meitinger T, Strauch K, Lehtimäki T, Hunt SC, Vollenweider P, Kronenberg F: A genome-wide association meta-analysis on apolipoprotein A-IV concentrations. *Hum. Mol. Genet.* 25:3635-3646, 2016. [\[Pub-Med\]](#)
5. Das S*, Forer L*, Schönherr S*, Sidore C, Locke AE, Kwong A, Vrieze SI, Chew EY, Levy S, McGue M, Schlessinger D, Stambolian D, Loh PR, Iacono WG, Swaroop A, Scott LJ, Cucca F, Kronenberg F, Boehnke M, Abecasis GR*, Fuchsberger C*: Next-generation genotype imputation service and methods. *Nat. Genet.* 48:1284-1287, 2016. [\[Pub-Med\]](#)
6. Coassin S*, Friedel S*, Köttgen A, Lamina C*, Kronenberg F*: Is High-Density Lipoprotein Cholesterol Causally Related to Kidney Function? Evidence From Genetic Epidemiological Studies. *Arterioscler. Thromb. Vasc. Biol.* 36:2252-2258, 2016. [\[Pub-Med\]](#)
7. McCarthy S, Das S, Kretzschmar W, Delaneau O, Wood AR, Teumer A, Kang HM, Fuchsberger C, Danecek P, Sharp K, Luo Y, Sidore C, Kwong A, Timpson N, Koskinen S, Vrieze S, Scott LJ, Zhang H, Mahajan A, Veldink J, Peters U, Pato C, Van Duijn CM, Gillies CE, Gandin I, Mezzavilla M, Gilly A, Cocca M, Traglia M, Angius A, Barrett JC, Boomsma D, Branham K, Breen G, Brummett CM, Busonero F, Campbell H, Chan A, Chen S, Chew E, Collins FS, Corbin LJ, Smith GD, Dedoussis G, Dorr M, Farmaki AE, Ferrucci L, Forer L, Fraser RM, Gabriel S, Levy S, Groop L, Harrison T, Hattersley A, Holmen OL, Hveem K, Kretzler M, Lee JC, McGue M, Meitinger T, Melzer D, Min JL, Mohlke KL, Vincent JB, Nauck M, Nickerson D, Palotie A, Pato M, Pirastu N, McInnis M, Richards JB, Sala C, Salomaa V, Schlessinger D, Schönherr S, Slagboom PE, Small K, Spector T, Stambolian D, Tuke M, Tuomilehto J, van den Berg LH, Van RW, Volker U, Wijmenga C, Toniolo D, Zeggini E, Gasparini P, Sampson MG, Wilson JF, Frayling T, de Bakker PI, Swertz MA, McCarroll S, Kooperberg C, Dekker A, Altshuler D, Willer C, Iacono W, Ripatti S, Soranzo N, Walter K, Swaroop A, Cucca F, Anderson CA, Myers RM, Boehnke M, McCarthy MI, Durbin R: A reference panel of 64,976 haplotypes for genotype imputation. *Nat. Genet.* 48:1279-1283, 2016. [\[Pub-Med\]](#)
8. Fuchsberger C, Flannick J, Teslovich TM, Mahajan A, Agarwala V, Gaulton KJ, Ma C, Fontanillas P, Moutsianas L, McCarthy DJ, Rivas MA, Perry JR, Sim X, Blackwell TW, Robertson NR, Rayner NW, Cingolani P, Locke AE, Fernandez TJ, Highland HM, Dupuis J, Chines PS, Lindgren CM, Hartl C, Jackson AU, Chen H, Huyghe JR, van de Bunt M, Pearson RD, Kumar A, Muller-Nurasyid M, Grarup

- N, Stringham HM, Gamazon ER, Lee J, Chen Y, Scott RA, Below JE, Chen P, Huang J, Go MJ, Stitzel ML, Pasko D, Parker SC, Varga TV, Green T, Beer NL, Day-Williams AG, Ferreira T, Fingerlin T, Horikoshi M, Hu C, Huh I, Ikram MK, Kim BJ, Kim Y, Kim YJ, Kwon MS, Lee J, Lee S, Lin KH, Maxwell TJ, Nagai Y, Wang X, Welch RP, Yoon J, Zhang W, Barzilai N, Voight BF, Han BG, Jenkinson CP, Kuulasmaa T, Kuusisto J, Manning A, Ng MC, Palmer ND, Balkau B, Stancakova A, Abboud HE, Boeing H, Giedraitis V, Prabhakaran D, Gottesman O, Scott J, Carey J, Kwan P, Grant G, Smith JD, Neale BM, Purcell S, Butterworth AS, Howson JM, Lee HM, Lu Y, Kwak SH, Zhao W, Danesh J, Lam VK, Park KS, Saleheen D, So WY, Tam CH, Afzal U, Aguilar D, Arya R, Aung T, Chan E, Navarro C, Cheng CY, Palli D, Correa A, Curran JE, Rybin D, Farook VS, Fowler SP, Freedman BI, Griswold M, Hale DE, Hicks PJ, Khor CC, Kumar S, Lehne B, Thuillier D, Lim WY, Liu J, Van der Schouw YT, Loh M, Musani SK, Puppala S, Scott WR, Yengo L, Tan ST, Taylor HA, Jr., Thameem F, Wilson G, Sr., Wong TY, Njolstad PR, Levy JC, Mangino M, Bonnycastle LL, Schwarzmayr T, Fadista J, Surdulescu GL, Herder C, Groves CJ, Wieland T, Bork-Jensen J, Brandslund I, Christensen C, Koistinen HA, Doney AS, Kinnunen L, Esko T, Farmer AJ, Hakaste L, Hodgkiss D, Kravic J, Lyssenko V, Hollensted M, Jorgensen ME, Jorgensen T, Ladenvall C, Justesen JM, Karajamaki A, Kriebel J, Rathmann W, Lannfelt L, Lauritzen T, Narisu N, Linneberg A, Melander O, Milani L, Neville M, Orho-Melander M, Qi L, Qi Q, Roden M, Rolandsson O, Swift A, Rosengren AH, Stirrups K, Wood AR, Mihailov E, Blancher C, Carneiro MO, Maguire J, Poplin R, Shakir K, Fennell T, DePristo M, Hrabe de AM, Deloukas P, Gjesing AP, Jun G, Nilsson P, Murphy J, Onofrio R, Thorand B, Hansen T, Meisinger C, Hu FB, Isomaa B, Karpe F, Liang L, Peters A, Huth C, O'Rahilly SP, Palmer CN, Pedersen O, Rauramaa R, Tuomilehto J, Salomaa V, Watanabe RM, Syvanen AC, Bergman RN, Bharadwaj D, Bottinger EP, Cho YS, Chandak GR, Chan JC, Chia KS, Daly MJ, Ebrahim SB, Langenberg C, Elliott P, Jablonski KA, Lehman DM, Jia W, Ma RC, Pollin TI, Sandhu M, Tandon N, Froguel P, Barroso I, Teo YY, Zeggini E, Loos RJ, Small KS, Ried JS, DeFronzo RA, Grallert H, Glaser B, Metspalu A, Wareham NJ, Walker M, Banks E, Gieger C, Ingelsson E, Im HK, Illig T, Franks PW, Buck G, Trakalo J, Buck D, Prokopenko I: The genetic architecture of type 2 diabetes. *Nature* 536:41-47, 2016. [\[Pub-Med\]](#)
9. Loh PR, Danecek P, Palamara PF, Fuchsberger C, Reshef A, Finucane K, Schoenherr S, Forer L, McCarthy S, Abecasis GR, Durbin R, Price L: Reference-based phasing using the Haplotype Reference Consortium panel. *Nat. Genet.* 48:1443-1448, 2016. [\[Pub-Med\]](#)
10. Geisel MH*, Coassin S*, Hessler N, Bauer M, Eisele L, Erbel R, Haun M, Hennig F, Moskau-Hartmann S, Hoffmann B, Jockel KH, Kedenko L, Kiechl S, Kollerits B, Mahabadi AA, Moebus S, Nurnberg G, Nurnberg P, Paulweber B, Vens M, Willeit J, Willeit K, Klockgether T, Ziegler A, Scherag A, Kronenberg F: Update of the effect estimates for common variants associated with carotid intima media thickness within four independent samples: The Bonn IMT Family Study, the Heinz Nixdorf Recall Study, the SAPHIR Study and the Bruneck Study. *Atherosclerosis* 249:83-87, 2016. [\[Pub-Med\]](#)
11. Kollerits B, Drechsler C, Krane V, Lamina C, März W, Dieplinger H, Ritz E, Wanner C, Kronenberg F: Lipoprotein(a) concentrations, apolipoprotein(a) isoforms and clinical endpoints in haemodialysis patients with type 2 diabetes mellitus: results from the 4D Study. *Nephrol. Dial. Transplant.* 31:1901-1908, 2016. [\[Pub-Med\]](#)
12. Tangri N, Grams ME, Levey AS, Coresh J, Appel LJ, Astor BC, Chodick G, Collins AJ, Djurdjev O, Elley CR, Evans M, Garg AX, Hallan SI, Inker LA, Ito S, Jee SH, Kovesdy CP, Kronenberg F, Heerspink HJ, Marks A, Nadkarni GN, Navaneethan SD, Nelson RG, Titze S, Sarnak MJ, Stengel B, Woodward M, Iseki K: Multinational Assessment of Accuracy of Equations for Predicting Risk of Kidney Failure: A Meta-analysis. *JAMA* 315:164-174, 2016. [\[Pub-Med\]](#)
13. Teumer A, Tin A, Sorice R, Gorski M, Yeo NC, Chu AY, Li M, Li Y, Mijatovic V, Ko YA, Taliun D, Luciani A, Chen MH, Yang Q, Foster MC, Olden M, Hiraki LT, Tayo BO, Fuchsberger C, Dieffenbach AK, Shuldiner AR, Smith AV, Zappa AM, Lupo A, Kollerits B, Ponte B, Stengel B, Kramer BK, Paulweber B, Mitchell BD, Hayward C, Helmer C, Meisinger C, Gieger C, Shaffer CM, Muller C, Langenberg C, Ackermann D, Siscovick D, Boerwinkle E, Kronenberg F, Ehret GB, Homuth G, Waeber G, Navis G, Gambaro G, Malerba G, Eiriksdottir G, Li G, Wichmann HE, Grallert H,

- Wallaschofski H, Volzke H, Brenner H, Kramer H, Leach IM, Rudan I, Hillege JL, Beckmann JS, Lambert JC, Luan J, Zhao JH, Chalmers J, Coresh J, Denny JC, Butterbach K, Launer LJ, Ferrucci L, Kedenko L, [Haun M](#), Metzger M, Woodward M, Hoffman MJ, Nauck M, Waldenberger M, Pruijm M, Bochud M, Rheinberger M, Verweij N, Wareham NJ, Endlich N, Soranzo N, Polasek O, van der Harst P, Pramstaller PP, Vollenweider P, Wild PS, Gansevoort RT, Rettig R, Biffar R, Carroll RJ, Katz R, Loos RJ, Hwang SJ, [Coassin S](#), Bergmann S, Rosas SE, Stracke S, Harris TB, Corre T, Zeller T, Illig T, Aspelund T, Tanaka T, Lendeckel U, Volker U, Gudnason V, Chouraki V, Koenig W, Kutalik Z, O'Connell JR, Parsa A, Heid IM, Paterson AD, De Boer IH, Devuyst O, Lazar J, Endlich K, Susztak K, Tremblay J, Hamet P, Jacob HJ, Boger CA, Fox CS, Pattaro C, Kottgen A: Genome-wide Association Studies Identify Genetic Loci Associated with Albuminuria in Diabetes. *Diabetes* 65:803-817, 2016. [\[Pub-Med\]](#)
14. Pattaro C, Teumer A, Gorski M, Chu AY, Li M, Mijatovic V, Garnaas M, Tin A, Sorice R, Li Y, Taliun D, Olden M, Foster M, Yang Q, Chen MH, Pers TH, Johnson AD, Ko YA, Fuchsberger C, Tayo B, Nalls M, Feitosa MF, Isaacs A, Dehghan A, D'Adamo P, Adeyemo A, Dieffenbach AK, Zonderman AB, Nolte IM, van der Most PJ, Wright AF, Shuldiner AR, Morrison AC, Hofman A, Smith AV, Dreisbach AW, Franke A, Uitterlinden AG, Metspalu A, Tonjes A, Lupo A, Robino A, Johansson A, Demirkan A, [Kollerits B](#), Freedman BI, Ponte B, Oostra BA, Paulweber B, Kramer BK, Mitchell BD, Buckley BM, Peralta CA, Hayward C, Helmer C, Rotimi CN, Shaffer CM, Muller C, Sala C, Van Duijn CM, Saint-Pierre A, Ackermann D, Shriner D, Ruggiero D, Toniolo D, Lu Y, Cusi D, Czamara D, Ellinghaus D, Siscovick DS, Ruderfer D, Gieger C, Grallert H, Rohtchina E, Atkinson EJ, Holliday EG, Boerwinkle E, Salvi E, Bottinger EP, Murgia F, Rivadeneira F, Ernst F, [Kronenberg F](#), Hu FB, Navis GJ, Curhan GC, Ehret GB, Homuth G, [Coassin S](#), Thun GA, Pistis G, Gambaro G, Malerba G, Montgomery GW, Eiriksdottir G, Jacobs G, Li G, Wichmann HE, Campbell H, Schmidt H, Wallaschofski H, Volzke H, Brenner H, Kroemer HK, Kramer H, Lin H, Mateo L, I, Ford I, Guessous I, Rudan I, Prokopenko I, Borecki I, Heid IM, Kolcic I, Persico I, Jukema JW, Wilson JF, Felix JF, Divers J, Lambert JC, Stafford JM, Gaspoz JM, Smith JA, Faul JD, Wang JJ, Ding J, Hirschhorn JN, Attia J, Whitfield JB, Chalmers J, Viikari J, Coresh J, Denny JC, Karjalainen J, Fernandes JK, Endlich K, Butterbach K, Keene KL, Lohman K, Portas L, Launer LJ, Lyytikainen LP, Yengo L, Franke L, Ferrucci L, Rose LM, Kedenko L, Rao M, Struchalin M, Kleber ME, Cavalieri M, [Haun M](#), Cornelis MC, Ciullo M, Pirastu M, de AM, McEvoy MA, Woodward M, Adam M, Cocca M, Nauck M, Imboden M, Waldenberger M, Pruijm M, Metzger M, Stumvoll M, Evans MK, Sale MM, Kahonen M, Boban M, Bochud M, Rheinberger M, Verweij N, Bouatia-Naji N, Martin NG, Hastie N, Probst-Hensch N, Soranzo N, Devuyst O, Raitakari O, Gottesman O, Franco OH, Polasek O, Gasparini P, Munroe PB, Ridker PM, Mitchell P, Muntner P, Meisinger C, Smit JH, Kovacs P, Wild PS, Froguel P, Rettig R, Magi R, Biffar R, Schmidt R, Middelberg RP, Carroll RJ, Penninx BW, Scott RJ, Katz R, Sedaghat S, Wild SH, Kardina SL, Ulivi S, Hwang SJ, Enroth S, Kloiber S, Trompet S, Stengel B, Hancock SJ, Turner ST, Rosas SE, Stracke S, Harris TB, Zeller T, Zemunik T, Lehtimaki T, Illig T, Aspelund T, Nikopensius T, Esko T, Tanaka T, Gyllenstein U, Volker U, Emilsson V, Vitart V, Aalto V, Gudnason V, Chouraki V, Chen WM, Igl W, Marz W, Koenig W, Lieb W, Loos RJ, Liu Y, Snieder H, Pramstaller PP, Parsa A, O'Connell JR, Susztak K, Hamet P, Tremblay J, De Boer IH, Boger CA, Goessling W, Chasman DI, Kottgen A, Kao WH, Fox CS: Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nat. Commun.* 7:10023, 2016. [\[Pub-Med\]](#)
15. Laimer M, Melmer A, [Lamina C](#), Raschenberger J, Adamovski P, Engl J, Ress C, Tschoner A, Gelsinger C, Mair L, Kiechl S, Willeit J, Willeit P, Stettler C, Tilg H, [Kronenberg F](#), Ebenbichler C: Telomere length increase after weight loss induced by bariatric surgery: Results from a 10 years prospective study. *Int. J. Obes. (Lond)* 40:773-778, 2016. [\[Pub-Med\]](#)
16. Lackner M, [Coassin S](#), [Haun M](#), Binder U, [Kronenberg F](#), Haas H, Jank M, Maurer E, Meis JF, Hagen F, Lass-Flörl C: Geographically predominant genotypes of *Aspergillus terreus* species complex in Austria: A microsatellite typing study. *Clin. Microbiol. Infect.* 22:270-276, 2016. [\[Pub-Med\]](#)
17. Stenvinkel P, Gillespie IA, Tunks J, Addison J, [Kronenberg F](#), Drueke TB, Marcelli D, Scherthaner G, Eckardt KU, Floege J, Froissart M, Anker SD: Inflammation Modifies the Paradoxical Association

- between Body Mass Index and Mortality in Hemodialysis Patients. *J. Am. Soc. Nephrol.* 27:1479-1486, 2016. [\[Pub-Med\]](#)
18. [Schöpf B](#), Schäfer G, Weber A, Talasz H, Eder IE, Klocker H, Gnaiger E: Oxidative phosphorylation and mitochondrial function differ between human prostate tissue and cultured cells. *FEBS J.* 283:2181-2196, 2016. [\[Pub-Med\]](#)
19. Barban N, Jansen R, de Vlaming R, Vaez A, Mandemakers JJ, Tropf FC, Shen X, Wilson JF, Chasman DI, Nolte IM, Tragante V, van der Laan SW, Perry JR, Kong A, Ahluwalia TS, Albrecht E, Yerges-Armstrong L, Atzmon G, Auro K, Ayers K, Bakshi A, Ben-Avraham D, Berger K, Bergman A, Bertram L, Bielak LF, Bjornsdottir G, Bonder MJ, Broer L, Bui M, Barbieri C, Cavadino A, Chavarro JE, Turman C, Concas MP, Cordell HJ, Davies G, Eibich P, Eriksson N, Esko T, Eriksson J, Falahi F, Felix JF, Fontana MA, Franke L, Gandin I, Gaskins AJ, Gieger C, Gunderson EP, Guo X, Hayward C, He C, Hofer E, Huang H, Joshi PK, Kanoni S, Karlsson R, Kiechl S, Kifley A, Kluttig A, Kraft P, Lagou V, Lecoeur C, Lahti J, Li-Gao R, Lind PA, Liu T, Makalic E, Mamasoula C, Matteson L, Mbarek H, McArdle PF, McMahon G, Meddens SF, Mihailov E, Miller M, Missmer SA, Monnereau C, van der Most PJ, Myhre R, Nalls MA, Nutile T, Kalafati IP, Porcu E, Prokopenko I, Rajan KB, Rich-Edwards J, Rietveld CA, Robino A, Rose LM, Rueedi R, Ryan KA, Saba Y, Schmidt D, Smith JA, Stolk L, Streeten E, Tonjes A, Thorleifsson G, Ulivi S, Wedenoja J, Wellmann J, Willeit P, Yao J, Yengo L, Zhao JH, Zhao W, Zhernakova DV, Amin N, Andrews H, Balkau B, Barzilai N, Bergmann S, Biino G, Bisgaard H, Bonnelykke K, Boomsma DI, Buring JE, Campbell H, Cappellani S, Ciullo M, Cox SR, Cucca F, Toniolo D, Davey-Smith G, Deary IJ, Dedoussis G, Deloukas P, Van Duijn CM, De Geus EJ, Eriksson JG, Evans DA, Faul JD, Sala CF, Froguel P, Gasparini P, Girotto G, Grabe HJ, Greiser KH, Groenen PJ, de Haan HG, Haerting J, Harris TB, Heath AC, Heikkila K, Hofman A, Homuth G, Holliday EG, Hopper J, Hypponen E, Jacobsson B, Jaddoe VW, Johannesson M, Jugessur A, Kahonen M, Kajantie E, Kardia SL, Keavney B, Kolcic I, Koponen P, Kovacs P, [Kronenberg F](#), Kutalik Z, La BM, Lachance G, Iacono WG, Lai S, Lehtimäki T, Liewald DC, Lindgren CM, Liu Y, Luben R, Lucht M, Luoto R, Magnus P, Magnusson PK, Martin NG, McGue M, McQuillan R, Medland SE, Meisinger C, Mellstrom D, Metspalu A, Traglia M, Milani L, Mitchell P, Montgomery GW, Mook-Kanamori D, de MR, Nohr EA, Ohlsson C, Olsen J, Ong KK, Paternoster L, Pattie A, Penninx BW, Perola M, Peyser PA, Pirastu M, Polasek O, Power C, Kaprio J, Raffel LJ, Raikonen K, Raitakari O, Ridker PM, Ring SM, Roll K, Rudan I, Ruggiero D, Rujescu D, Salomaa V, Schlessinger D, Schmidt H, Schmidt R, Schupf N, Smit J, Sorice R, Spector TD, Starr JM, Stockl D, Strauch K, Stumvoll M, Swertz MA, Thorsteinsdottir U, Thurik AR, Timpson NJ, Tung JY, Uitterlinden AG, Vaccargiu S, Viikari J, Vitart V, Volzke H, Vollenweider P, Vuckovic D, Waage J, Wagner GG, Wang JJ, Wareham NJ, Weir DR, Willemssen G, Willeit J, Wright AF, Zondervan KT, Stefansson K, Krueger RF, Lee JJ, Benjamin DJ, Cesarini D, Koellinger PD, den HM, Snieder H, Mills MC: Genome-wide analysis identifies 12 loci influencing human reproductive behavior. *Nat. Genet.* 48:1462-1472, 2016. [\[Pub-Med\]](#)
20. Hessler N, Geisel MH, [Coassin S](#), Erbel R, Heilmann S, Hennig F, Hoffmann B, Jockel KH, Moebus S, Moskau-Hartmann S, Nurnberg G, Nurnberg P, Vens M, Klockgether T, [Kronenberg F](#), Scherag A, Ziegler A: Linkage and Association Analysis Identifies TRAF1 Influencing Common Carotid Intima-Media Thickness. *Stroke* 47:2904-2909, 2016. [\[Pub-Med\]](#)
21. Naschberger A, Fürnrohr BG, Lenac Rovis T, Malic S, Scheffzek K, [Dieplinger H](#), [Rupp B](#): The N14 anti-afamin antibody Fab: a rare VL1 CDR glycosylation, crystallographic re-sequencing, molecular plasticity and conservative versus enthusiastic modelling. *Acta Crystallographica Section D* 72:1267-1280, 2016.
22. Deller MC, Kong L, [Rupp B](#): Protein stability: a crystallographer's perspective. *Acta Crystallographica Section F: Structural Biology Communications* 72:72-95, 2016. [\[Pub-Med\]](#)
23. Eze IC, Imboden M, Kumar A, Adam M, von Eckardstein A, Stolz D, Gerbase MW, Kunzli N, Turk A, Schindler C, [Kronenberg F](#), Probst-Hensch N: A common functional variant on the pro-inflammatory Interleukin-6 gene may modify the association between long-term PM10 exposure and diabetes. *Environ. Health* 15:39, 2016. [\[Pub-Med\]](#)

24. De Francisco AL, Gillespie IA, Gioni I, Floege J, Kronenberg F, Marcelli D, Wheeler DC, Froissart M, Druke TB: Anti-parathyroid treatment effectiveness and persistence in incident haemodialysis patients with secondary hyperparathyroidism. *Nefrologia* 36:164-175, 2016. [\[Pub-Med\]](#)
25. Stanfield R, Pozharski E, Rupp B: Comment on Three X-ray Crystal Structure Papers. *J. Immunol.* 196:521-524, 2016 (letter). [\[Pub-Med\]](#)
26. Stanfield R, Pozharski E, Rupp B: Additional Comment on Three X-ray Crystal Structure Papers. *J. Immunol.* 196:528-530, 2016 (letter). [\[Pub-Med\]](#)
27. Anker SD, Gillespie IA, Eckardt KU, Kronenberg F, Richards S, Druke TB, Stenvinkel P, Pisoni RL, Robinson BM, Marcelli D, Froissart M, Floege J: Development and validation of cardiovascular risk scores for haemodialysis patients. *Int. J. Cardiol.* 216:68-77, 2016. [\[Pub-Med\]](#)
28. Curjuric I, Imboden M, Bridevaux PO, Gerbase MW, Haun M, Keidel D, Kumar A, Pons M, Rochat T, Schikowski T, Schindler C, von Eckardstein A, Kronenberg F, Probst-Hensch NM: Common SIRT1 variants modify the effect of abdominal adipose tissue on aging-related lung function decline. *Age (Dordr.)* 38:52, 2016. [\[Pub-Med\]](#)
29. Nordestgaard BG, Langsted A, Mora S, Kolovou G, Baum H, Bruckert E, Watts GF, Sypniewska G, Wiklund O, Boren J, Chapman MJ, Cobbaert C, Descamps OS, von Eckardstein A, Kamstrup PR, Pulkki K, Kronenberg F, Remaley AT, Rifai N, Ros E, Langlois M: Fasting is not routinely required for determination of a lipid profile: clinical and laboratory implications including flagging at desirable concentration cut-points—a joint consensus statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. *Eur. Heart J.* 37:1944-1958, 2016. [\[Pub-Med\]](#)
30. Rupp B, Wlodawer A, Minor W, Helliwell JR, Jaskolski M: Correcting the record of structural publications requires joint effort of the community and journal editors. *FEBS J.* 283:4452-4457, 2016. [\[Pub-Med\]](#)
31. Chen BH, Marioni RE, Colicino E, Peters MJ, Ward-Caviness CK, Tsai PC, Roetker NS, Just AC, Demerath EW, Guan W, Bressler J, Fornage M, Studenski S, Vandiver AR, Moore AZ, Tanaka T, Kiel DP, Liang L, Vokonas P, Schwartz J, Lunetta KL, Murabito JM, Bandinelli S, Hernandez DG, Melzer D, Nalls M, Pilling LC, Price TR, Singleton AB, Gieger C, Holle R, Kretschmer A, Kronenberg F, Kunze S, Linseisen J, Meisinger C, Rathmann W, Waldenberger M, Visscher PM, Shah S, Wray NR, McRae AF, Franco OH, Hofman A, Uitterlinden AG, Absher D, Assimes T, Levine ME, Lu AT, Tsao PS, Hou L, Manson JE, Carty CL, LaCroix AZ, Reiner AP, Spector TD, Feinberg AP, Levy D, Baccarelli A, van MJ, Bell JT, Peters A, Deary IJ, Pankow JS, Ferrucci L, Horvath S: DNA methylation-based measures of biological age: meta-analysis predicting time to death. *Aging (Albany. NY)* 8:1844-1865, 2016. [\[Pub-Med\]](#)
32. Rupp B: Only seeing is believing: The power of evidence and reason. *Postepy Biochemii (Advances in Biochemistry)* 62:250-256, 2016.
33. von Toerne C, Huth C, de Las Heras GT, Kronenberg F, Herder C, Koenig W, Meisinger C, Rathmann W, Waldenberger M, Roden M, Peters A, Thorand B, Hauck SM: MASP1, THBS1, GPLD1 and ApoA-IV are novel biomarkers associated with prediabetes: the KORA F4 study. *Diabetologia* 59:1882-1892, 2016. [\[Pub-Med\]](#)
34. Busch M, Nadal J, Schmid M, Paul K, Titze S, Hubner S, Kottgen A, Schultheiss UT, Baid-Agrawal S, Lorenzen J, Schlieper G, Sommerer C, Krane V, Hilge R, Kielstein JT, Kronenberg F, Wanner C, Eckardt KU, Wolf G: Glycaemic control and antidiabetic therapy in patients with diabetes mellitus and chronic kidney disease – cross-sectional data from the German Chronic Kidney Disease (GCKD) cohort. *BMC. Nephrol.* 17:59, 2016. [\[Pub-Med\]](#)
35. Eze IC, Imboden M, Kumar A, von Eckardstein A, Stolz D, Gerbase MW, Kunzli N, Pons M, Kronenberg F, Schindler C, Probst-Hensch N: Air pollution and diabetes association: Modification by type 2 diabetes genetic risk score. *Environ. Int.* 94:263-271, 2016. [\[Pub-Med\]](#)

36. März W, Scharnagl H, Gouni-Berthold I, Silbernagel G, Dressel A, Grammer TB, Landmesser U, Dieplinger H, Windler E, Laufs U: LDL-Cholesterol: Standards of Treatment 2016: A German Perspective. *Am. J. Cardiovasc. Drugs* 16:323-336, 2016. [\[Pub-Med\]](#)
37. Roeseler E, Julius U, Heigl F, Spitthoever R, Heutling D, Breitenberger P, Leebmann J, Lehmacher W, Kamstrup PR, Nordestgaard BG, Maerz W, Noureen A, Schmidt K, Kronenberg F, Heibges A, Klingel R: Lipoprotein Apheresis for Lipoprotein(a)-Associated Cardiovascular Disease: Prospective 5 Years of Follow-Up and Apolipoprotein(a) Characterization. *Arterioscler. Thromb. Vasc. Biol.* 36:2019-2027, 2016. [\[Pub-Med\]](#)
38. Karrasch S, Bruske I, Smith MP, Thorand B, Huth C, Ladwig KH, Kronenberg F, Heinrich J, Holle R, Peters A, Schulz H: What is the impact of different spirometric criteria on the prevalence of spirometrically defined COPD and its comorbidities? Results from the population-based KORA study. *Int. J. Chron. Obstruct. Pulmon. Dis.* 11:1881-1894, 2016. [\[Pub-Med\]](#)
39. Nordestgaard BG, Langsted A, Mora S, Kolovou G, Baum H, Bruckert E, Watts GF, Sypniewska G, Wiklund O, Boren J, Chapman MJ, Cobbaert C, Descamps OS, von Eckardstein A, Kamstrup PR, Pulkki K, Kronenberg F, Remaley AT, Rifai N, Ros E, Langlois M: Fasting Is Not Routinely Required for Determination of a Lipid Profile: Clinical and Laboratory Implications Including Flagging at Desirable Concentration Cutpoints - A Joint Consensus Statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. *Clin. Chem.* 62:930-946, 2016. [\[Pub-Med\]](#)
40. Toplak H, Ludvik B, Lechleitner M, Dieplinger H, Fogar B, Paulweber B, Weber T, Watschinger B, Horn S, Wascher TC, Drexel H, Brodmann M, Pilger E, Rosenkranz A, Pohanka E, Oberbauer R, Traindl O, Roithinger FX, Metzler B, Haring HP, Kiechl S: Austrian Lipid Consensus on the management of metabolic lipid disorders to prevent vascular complications : A joint position statement issued by eight medical societies. 2016 update. *Wien. Klin. Wochenschr.* 128:216-228, 2016. [\[Pub-Med\]](#)
41. Forer L, Afgan E, Weissensteiner H, Davidovic D, Specht G, Kronenberg F, Schönherr S: Cloudflow - Enabling faster biomedical pipelines with Mapreduce and Spark. *Scalable Computing: Practice and Experience* 17:103-114, 2016.
42. Vallejo-Vaz AJ, Akram A, Kondapally Seshasai SR, Cole D, Watts GF, Hovingh GK, Kastelein JJ, Mata P, Raal FJ, Santos RD, Soran H, Freiburger T, Abifadel M, Aguilar-Salinas CA, Alnouri F, Alonso R, Al-Rasadi K, Banach M, Bogsrud MP, Bourbon M, Bruckert E, Car J, Ceska R, Corral P, Descamps O, Dieplinger H, Do CT, Durst R, Ezhov MV, Frasz Z, Gaita D, Gaspar IM, Genest J, Harada-Shiba M, Jiang L, Kayikcioglu M, Lam CS, Latkovskis G, Laufs U, Liberopoulos E, Lin J, Lin N, Maher V, Majano N, Marais AD, Marz W, Mirrakhimov E, Miserez AR, Mitchenko O, Nawawi H, Nilsson L, Nordestgaard BG, Paragh G, Petrucci Z, Pojskic B, Reiner Z, Sahebkar A, Santos LE, Schunkert H, Shehab A, Slimane MN, Stoll M, Su TC, Susekov A, Tilney M, Tomlinson B, Tselepis AD, Vohnout B, Widen E, Yamashita S, Catapano AL, Ray KK: Pooling and expanding registries of familial hypercholesterolaemia to assess gaps in care and improve disease management and outcomes: Rationale and design of the global EAS Familial Hypercholesterolaemia Studies Collaboration. *Atheroscler. Suppl* 22:1-32, 2016. [\[Pub-Med\]](#)
43. Bartella AK, Kloss-Brandstätter A, Kamal M, Teichmann J, Modabber A, Holzle F, Lethaus B: "IIB or not IIB" - The necessity of dissection in patients with oral squamous cell carcinoma. *J. Craniomaxillofac. Surg.* 44:1733-1736, 2016. [\[Pub-Med\]](#)
44. Dziewiecki D, van de Loo S, Gremse F, Kloss-Brandstätter A, Kloss F, Offermanns V, Yamauchi K, Kessler P, Lethaus B: Osteoneogenesis due to periosteal elevation with degradable and nondegradable devices in Gottingen Minipigs. *J. Craniomaxillofac. Surg.* 44:318-324, 2016. [\[Pub-Med\]](#)
45. Lichte J, Teichmann J, Loberg C, Kloss-Brandstätter A, Bartella A, Steiner T, Modabber A, Holzle F, Lethaus B: Routine preoperative colour Doppler duplex ultrasound scanning in anterolateral thigh flaps. *Br. J. Oral Maxillofac. Surg.* 54:909-913, 2016. [\[Pub-Med\]](#)

46. Souren C, Kloss-Brandstätter A, Stadler A, Kross K, Yamauchi K, Ketelsen D, Kessler P, Lethaus B: Ultrasound-guided fine-needle aspiration cytology as a diagnostic tool in comparison to ultrasound and MRI for staging in. *J. Craniomaxillofac. Surg.* 44:197-201, 2016. [\[Pub-Med\]](#)
47. Lunger F, Vehmas AP, Fürnrohr BG, Sopper S, Wildt L, Seeber B: Opiate receptor blockade on human granulosa cells inhibits VEGF release. *Reprod. Biomed. Online.* 32:316-322, 2016. [\[Pub-Med\]](#)
48. Morris DL, Sheng Y, Zhang Y, Wang YF, Zhu Z, Tombleson P, Chen L, Cunninghame Graham DS, Bentham J, Roberts AL, Chen R, Zuo X, Wang T, Wen L, Yang C, Liu L, Yang L, Li F, Huang Y, Yin X, Yang S, Ronnblom L, Fürnrohr BG, Voll RE, Schett G, Costedoat-Chalumeau N, Gaffney PM, Lau YL, Zhang X, Yang W, Cui Y, Vyse TJ: Genome-wide association meta-analysis in Chinese and European individuals identifies ten new loci associated with systemic lupus erythematosus. *Nat. Genet.* 48:940-946, 2016. [\[Pub-Med\]](#)
49. Kronenberg F: HDL-cholesterol on a rollercoaster: where will the ride end? *Kidney Int.* 89:747-749, 2016. (Invited Commentary). [\[Pub-Med\]](#)
50. Kronenberg F: Human genetics and the causal role of lipoprotein(a) for various diseases. *Cardiovasc. Drugs Ther.* 30:87-100, 2016. [\[Pub-Med\]](#)
51. Kronenberg F, Paulweber B, Lamina C: Genomweite Assoziationsstudien zu Adipositas und was wir daraus lernen. *Wien. Med. Wochenschr.* 166:88-94, 2016. [\[Pub-Med\]](#)
52. Schmidt K, Noureen A, Kronenberg F, Utermann G: Structure, Function, and Genetics of Lipoprotein(a). *J. Lipid Res.* 57:1339-1359, 2016. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2015

* Authors contributed equally

1. Stangl S, Kollerits B, Lamina C, Meisinger C, Huth C, Stöckl A, Dähnhardt D, Böger CA, Krämer BK, Peters A, Kronenberg F: Association between apolipoprotein A-IV concentrations and chronic kidney disease in two large population-based cohorts: results from the KORA studies. *J. Intern. Med.* 278:410-23, 2015. [\[Pub-Med\]](#)
2. Raschenberger J*, Kollerits B*, Titze S, Köttgen A, Bärthlein B, Ekici AB, Forer L, Schönherr S, Weissensteiner H, Haun M, Wanner C, Eckardt KU, Kronenberg F: Association of relative telomere length with cardiovascular disease in a large chronic kidney disease cohort: the GCKD study. *Atherosclerosis* 242:529-34, 2015. [\[Pub-Med\]](#)
3. Raschenberger J, Kollerits B, Titze S, Köttgen A, Bärthlein B, Ekici AB, Forer L, Schönherr S, Weissensteiner H, Haun M, Wanner C, Eckardt KU, Kronenberg F: Do telomeres have a higher plasticity than thought? Results from the German chronic kidney disease (GCKD) study as a high-risk population. *Exp. Gerontol.* 72:172-176, 2015. [\[Pub-Med\]](#)
4. Khalifa M, Noureen A, Ertelthalner K, Bandegi AR, Delpont R, Firdaus WJ, Geethanjali FS, Luthra K, Makemaharn O, Pang RW, Salem AH, Sasaki J, Schiefenhoevel W, Lingenhel A, Kronenberg F, Utermann G, Schmidt K: Lack of association of rs3798220 with small apolipoprotein(a) isoforms and high lipoprotein(a) levels in East and Southeast Asians. *Atherosclerosis* 242:521-528, 2015. [\[Pub-Med\]](#)
5. Tripepi G*, Kollerits B*, Leonardis D, Yilmaz MI, Postorino M, Fliser D, Mallamaci F, Kronenberg F*, Zoccali C*: Competitive Interaction Between Fibroblast Growth Factor 23 And Asymmetric Dimethyl Arginine in Patients With CKD. *J. Am. Soc. Nephrol.* 26: 935-944, 2015. [\[Pub-Med\]](#)

6. Raschenberger J, Kollerits B, Ritchie J, Lane B, Kalra PA, Ritz E, Kronenberg F: Association of relative telomere length with progression of chronic kidney disease in two cohorts: effect modification by smoking and diabetes. *Scientific Reports* 5:11887, 2015. [\[Pub-Med\]](#)
7. Beck H, Titze SI, Hubner S, Busch M, Schlieper G, Schultheiss UT, Wanner C, Kronenberg F, Krane V, Eckardt KU, Köttgen A, GCKD Investigators: Heart Failure in a Cohort of Patients with Chronic Kidney Disease: The GCKD Study. *PLoS One* 10:e0122552, 2015. [\[Pub-Med\]](#)
8. Pechlaner R, Willeit P, Summerer M, Santer P, Egger G, Kronenberg F, Demetz E, Weiss G, Tsimikas S, Witztum JL, Willeit K, Iglseder B, Paulweber B, Kedenko L, Haun M, Meisinger C, Gieger C, Muller-Nurasyid M, Peters A, Willeit J, Kiechl S: Heme oxygenase-1 gene promoter microsatellite polymorphism is associated with progressive atherosclerosis and incident cardiovascular disease. *Arterioscler. Thromb. Vasc. Biol.* 35:229-236, 2015. [\[Pub-Med\]](#)
9. Vogl L, Pohlhammer J, Meinitzer A, Rantner B, Stadler M, Peric S, Hammerer-Lercher A, Klein-Weigel P, Fraedrich G, Kronenberg F, Kollerits B: Serum concentrations of L-arginine and L-homoarginine in male patients with intermittent claudication: A cross-sectional and prospective investigation in the CAVASIC Study. *Atherosclerosis* 239:607-614, 2015. [\[Pub-Med\]](#)
10. Rantner B, Pohlhammer J, Stadler M, Peric S, Hammerer-Lercher A, Klein-Weigel P, Fraedrich G, Kronenberg F, Kollerits B: Left ventricular ejection fraction is associated with prevalent and incident cardiovascular disease in patients with intermittent claudicat. *Atherosclerosis* 239:428-435, 2015. [\[Pub-Med\]](#)
11. Noureen A, Fresser F, Utermann G, Schmidt K: Sequence Variation within the KIV-2 Copy Number Polymorphism of the Human LPA Gene in African, Asian, and European Populations. *PLoS One* 10:e0121582, 2015. [\[Pub-Med\]](#)
12. Floege J, Gillespie IA, Kronenberg F, Anker SD, Gioni I, Richards S, Pisoni RL, Robinson BM, Marcelli D, Froissart M, Eckardt KU: Development and validation of a predictive mortality risk score from a European hemodialysis cohort. *Kidney Int.* 87:996-1008, 2015. [\[Pub-Med\]](#)
13. Eckardt KU, Gillespie IA, Kronenberg F, Richards S, Stenvinkel P, Anker SD, Wheeler DC, De Francisco AL, Marcelli D, Froissart M, Floege J: High cardiovascular event rates occur within the first weeks of starting hemodialysis. *Kidney Int.* 88:1117-1125, 2015. [\[Pub-Med\]](#)
14. Naschberger A, Fürnrohr BG, Dunzendorfer-Matt D, Bonagura CA, Wright D, Scheffzek K, Rupp B: Cleaning protocols for crystallization robots: preventing protease contamination. *Acta Crystallographica Section F: Structural Biology Communications* F71:100-102, 2015. [\[Pub-Med\]](#)
15. Jing J, Kielstein JT, Schultheiss UT, Sitter T, Titze SI, Schaeffner ES, McAdams-DeMarco M, Kronenberg F, Eckardt KU, Köttgen A: Prevalence and correlates of gout in a large cohort of patients with chronic kidney disease: the German Chronic Kidney Disease (GCKD) study. *Nephrol. Dial. Transplant.* 30:613-621, 2015. [\[Pub-Med\]](#)
16. Titze S, Schmid M, Kottgen A, Busch M, Floege J, Wanner C, Kronenberg F, Eckardt KU: Disease burden and risk profile in referred patients with moderate chronic kidney disease: composition of the German Chronic Kidney Disease (GCKD) cohort. *Nephrol. Dial. Transplant.* 30:441-451, 2015. [\[Pub-Med\]](#)
17. Kloss-Brandstätter A, Weissensteiner H, Erhart G, Schäfer G, Forer L, Schönherr S, Pacher D, Seifarth C, Stöckl A, Fendt L, Sottsas I, Klocker H, Huck CW, Rasse M, Kronenberg F, Kloss FR: Validation of Next-Generation Sequencing of Entire Mitochondrial Genomes and the Diversity of Mitochondrial DNA Mutations in Oral Squamous Cell Carcinoma. *PLoS. ONE.* 10:e0135643, 2015. [\[Pub-Med\]](#)
18. Diaz-Lacava AN, Walier M, Holler D, Steffens M, Gieger C, Furlanello C, Lamina C, Wichmann HE, Becker T: Genetic Geostatistical Framework for Spatial Analysis of Fine-Scale Genetic Heterogeneity in Modern Populations: Results from the KORA Study. *Int. J. Genomics* 2015:693193, 2015. [\[Pub-Med\]](#)

19. Koch M, Baurecht H, Ried JS, Rodriguez E, Schlesinger S, Volks N, Gieger C, Ruckert IM, Heinrich L, Willenborg C, Smith C, Peters A, Thorand B, Koenig W, Lamina C, Jansen H, Kronenberg F, Seissler J, Thiery J, Rathmann W, Schunkert H, Erdmann J, Barker J, Nair RP, Tsoi LC, Elder JT, Mrowietz U, Weichenthal M, Mucha S, Schreiber S, Franke A, Schmitt J, Lieb W, Weidinger S: Psoriasis and Cardiometabolic Traits: Modest Association but Distinct Genetic Architectures. *J. Invest Dermatol.* 135:1283-1293, 2015. [\[Pub-Med\]](#)
20. Pfeiffer L, Wahl S, Pilling LC, Reischl E, Sandling JK, Kunze S, Holdt LM, Kretschmer A, Schramm K, Adamski J, Klopp N, Illig T, Hedman AK, Roden M, Hernandez DG, Singleton AB, Thasler WE, Grallert H, Gieger C, Herder C, Teupser D, Meisinger C, Spector TD, Kronenberg F, Prokisch H, Melzer D, Peters A, Deloukas P, Ferrucci L, Waldenberger M: DNA Methylation of Lipid-Related Genes Affects Blood Lipid Levels. *Circ. Cardiovasc. Genet.* 8:334-42, 2015. [\[Pub-Med\]](#)
21. 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, Freudenberger P, Hofer E, Schmidt H, Schmidt R, Holliday EG, Mitchell P, Wang JJ, De Boer IH, Li G, Siscovick DS, Kutalik Z, Corre T, Vollenweider P, Waeber G, Gupta J, Kanetsky PA, Hwang SJ, Olden M, Yang Q, de AM, 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, Muller-Nurasyid M, Kramer BK, Kramer H, Rosas SE, Nolte IM, Penninx BW, Snieder H, Fabiola Del GM, Franke A, Nothlings U, Lieb W, Bakker SJ, Gansevoort RT, van der Harst P, Dehghan A, Franco OH, Hofman A, Rivadeneira F, Sedaghat S, Uitterlinden AG, Coassin S, Haun M, Kollerits B, Kronenberg F, Paulweber B, Aumann N, Endlich K, Pietzner M, Volker U, Rettig R, Chouraki V, Helmer C, Lambert JC, Metzger M, Stengel B, Lehtimaki T, Lyytikainen LP, Raitakari O, Johnson A, Parsa A, Bochud M, Heid IM, Goessling W, Kottgen A, Kao WH, Fox CS, Boger CA: Genome-wide association study of kidney function decline in individuals of European descent. *Kidney Int.* 87: 1017-1029, 2015. [\[Pub-Med\]](#)
22. Vongpromek R, Bos S, Ten Kate GJ, Yahya R, Verhoeven AJ, De Feyter PJ, Kronenberg F, van Lennep JE, Sijbrands EJ, Mulder MT: Lipoprotein(a) levels are associated with aortic valve calcification in asymptomatic patients with familial hypercholesterolaemia. *J. Intern. Med.* 278:166-173, 2015. [\[Pub-Med\]](#)
23. Imboden M, Kumar A, Curjuric I, Adam M, Thun GA, Haun M, Tsai MY, Pons M, Bettschart R, Turk A, Rochat T, Kunzli N, Schindler C, Kronenberg F, Probst-Hensch NM: Modification of the Association between PM and Lung Function Decline by Cadherin 13 Polymorphisms in the SAPALDIA Cohort: A Genome-Wide Interaction Analysis. *Environ. Health Perspect* 123: 72-79, 2015. [\[Pub-Med\]](#)
24. Winkler TW, Kutalik Z, Gorski M, Lottaz C, Kronenberg F, Heid IM: EasyStrata: evaluation and visualization of stratified genome-wide association meta-analysis data. *Bioinformatics* 31:259-261, 2015. [\[Pub-Med\]](#)
25. Rupp B: Reviewing biomolecular crystallography proposals: time for a paradigm change. *Trends Biochem. Sci.* 40:419-421, 2015. [\[Pub-Med\]](#)
26. Thiele I, Linseisen J, Meisinger C, Schwab S, Huth C, Peters A, Perz S, Meitinger T, Kronenberg F, Lamina C, Thiery J, Koenig W, Rathmann W, Kääh S, Then C, Seissler J, Thorand B: Associations between calcium and vitamin D supplement use as well as their serum concentrations and subclinical cardiovascular disease phenotypes. *Atherosclerosis* 241:743-751, 2015. [\[Pub-Med\]](#)
27. Huth C, Beuerle S, Zierer A, Heier M, Herder C, Kaiser T, Koenig W, Kronenberg F, Oexle K, Rathmann W, Roden M, Schwab S, Seissler J, Stockl D, Meisinger C, Peters A, Thorand B: Biomarkers of Iron Metabolism are Independently Associated with Impaired Glucose Metabolism and Type 2 Diabetes: the KORA F4 Study. *Eur. J. Endocrinol.* 143:643-53, 2015. [\[Pub-Med\]](#)
28. Spjuth O, Bongcam-Rudloff E, Hernandez GC, Forer L, Giovacchini M, Guimera RV, Kallio A, Korpelainen E, Kandula MM, Krachunov M, Kreil DP, Kulev O, Labaj PP, Lampa S, Pireddu L,

Schönherr S, Siretskiy A, Vassilev D: Experiences with workflows for automating data-intensive bioinformatics. *Biol. Direct* 10:43, 2015.

[\[Pub-Med\]](#)

29. Fűrnrrohr BG, Stein M, Rhodes B, Chana PS, Schett G, Vyse TJ, Herrmann M, Mielenz D: Reduced Fluorescence versus Forward Scatter Time-of-Flight and Increased Peak versus Integral Fluorescence Ratios Indicate Receptor Clustering in Flow Cytometry. *J. Immunol.* 195:377-385, 2015.

[\[Pub-Med\]](#)

30. Shungin D, Winkler TW, Croteau-Chonka DC, Ferreira T, Locke AE, Mägi R, Strawbridge RJ, Pers TH, Fischer K, Justice AE, Workalemahu T, Wu JM, Buchkovich ML, Heard-Costa NL, Roman TS, Drong AW, Song C, Gustafsson S, Day FR, Esko T, Fall T, Kutalik Z, Luan J, Randall JC, Scherag A, Vedantam S, Wood AR, Chen J, Fehrmann R, Karjalainen J, Kahali B, Liu CT, Schmidt EM, Absher D, Amin N, Anderson D, Beekman M, Bragg-Gresham JL, Buyske S, Demirkan A, Ehret GB, Feitosa MF, Goel A, Jackson AU, Johnson T, Kleber ME, Kristiansson K, Mangino M, Mateo Leach I, Medina-Gomez C, Palmer CD, Pasko D, Pechlivanis S, Peters MJ, Prokopenko I, Stančáková A, Ju Sung Y, Tanaka T, Teumer A, Van Vliet-Ostaptchouk JV, Yengo L, Zhang W, Albrecht E, Ärnlöv J, Arscott GM, Bandinelli S, Barrett A, Bellis C, Bennett AJ, Berne C, Blüher M, Böhringer S, Bonnet F, Böttcher Y, Bruinenberg M, Carba DB, Caspersen IH, Clarke R, Daw EW, Deelen J, Deelman E, Delgado G, Doney AS, Eklund N, Erdos MR, Estrada K, Eury E, Friedrich N, Garcia ME, Giedraitis V, Gigante B, Go AS, Golay A, Grallert H, Grammer TB, Gräßler J, Grewal J, Groves CJ, Haller T, Hallmans G, Hartman CA, Hassinen M, Hayward C, Heikkilä K, Herzig KH, Helmer Q, Hillege HL, Holmen O, Hunt SC, Isaacs A, Ittermann T, James AL, Johansson I, Juliusdottir T, Kalafati IP, Kinnunen L, Koenig W, Kooner IK, Kratzer W, Lamina C, Leander K, Lee NR, Lichtner P, Lind L, Lindström J, Lobbens S, Lorentzon M, Mach F, Magnusson PK, Mahajan A, McArdle WL, Menni C, Merger S, Mihailov E, Milani L, Mills R, Moayyeri A, Monda KL, Mooijaart SP, Mühleisen TW, Mulas A, Müller G, Müller-Nurasyid M, Nagaraja R, Nalls MA, Narisu N, Glorioso N, Nolte IM, Olden M, Rayner NW, Renstrom F, Ried JS, Robertson NR, Rose LM, Sanna S, Scharnagl H, Scholtens S, Sennblad B, Seufferlein T, Sitlani CM, Vernon Smith A, Stirrups K, Stringham HM, Sundström J, Swertz MA, Swift AJ, Syvänen AC, Tayo BO, Thorand B, Thorleifsson G, Tomaschitz A, Troffa C, van Oort FV, Verweij N, Vonk JM, Waite LL, Wennauer R, Wilsgaard T, Wojczynski MK, Wong A, Zhang Q, Hua Zhao J, Brennan EP, Choi M, Eriksson P, Folkersen L, Franco-Cereceda A, Gharavi AG, Hedman ÅK, Hivert MF, Huang J, Kanoni S, Karpe F, Keildson S, Kiryluk K, Liang L, Lifton RP, Ma B, McKnight AJ, McPherson R, Metspalu A, Min JL, Moffatt MF, Montgomery GW, Murabito JM, Nicholson G, Nyholt DR, Olsson C, Perry JR, Reinmaa E, Salem RM, Sandholm N, Schadt EE, Scott RA, Stolk L, Vallejo EE, Westra HJ, Zondervan KT; ADIPOGen Consortium; CARDIOGRAMplusC4D Consortium; CKDGen Consortium; GEFOS Consortium; GENIE Consortium; GLGC; ICBP; International Endogene Consortium; LifeLines Cohort Study; MAGIC Investigators; MuTHER Consortium; PAGE Consortium; ReproGen Consortium, Amouyel P, Arveiler D, Bakker SJ, Beilby J, Bergman RN, Blangero J, Brown MJ, Burnier M, Campbell H, Chakravarti A, Chines PS, Claudi-Boehm S, Collins FS, Crawford DC, Danesh J, de Faire U, de Geus EJ, Dörr M, Erbel R, Eriksson JG, Farrall M, Ferrannini E, Ferrières J, Forouhi NG, Forrester T, Franco OH, Gansevoort RT, Gieger C, Gudnason V, Haiman CA, Harris TB, Hattersley AT, Heliövaara M, Hicks AA, Hingorani AD, Hoffmann W, Hofman A, Homuth G, Humphries SE, Hyppönen E, Illig T, Jarvelin MR, Johansen B, Jousilahti P, Jula AM, Kaprio J, Kee F, Keinänen-Kiukaanniemi SM, Kooner JS, Kooperberg C, Kovacs P, Kraja AT, Kumari M, Kuulasmaa K, Kuusisto J, Lakka TA, Langenberg C, Le Marchand L, Lehtimäki T, Lyssenko V, Männistö S, Marette A, Matise TC, McKenzie CA, McKnight B, Musk AW, Möhlenkamp S, Morris AD, Nelis M, Ohlsson C, Oldehinkel AJ, Ong KK, Palmer LJ, Penninx BW, Peters A, Pramstaller PP, Raitakari OT, Rankinen T, Rao DC, Rice TK, Ridker PM, Ritchie MD, Rudan I, Salomaa V, Samani NJ, Saramies J, Sarzynski MA, Schwarz PE, Shuldiner AR, Staessen JA, Steinthorsdottir V, Stolk RP, Strauch K, Tönjes A, Tremblay A, Tremoli E, Vohl MC, Völker U, Vollenweider P, Wilson JF, Witteman JC, Adair LS, Bochud M, Boehm BO, Bornstein SR, Bouchard C, Cauchi S, Caulfield MJ, Chambers JC, Chasman DI, Cooper RS, Dedoussis G, Ferrucci L, Froguel P, Grabe HJ, Hamsten A, Hui J, Hveem K, Jöckel KH, Kivimäki M, Kuh D, Laakso M, Liu Y, März W, Munroe PB, Njølstad I, Oostra BA, Palmer CN, Pedersen NL, Perola M, Pérusse L, Peters U, Power C, Quertermous T, Rauramaa R, Rivadeneira F, Saaristo TE,

Saleheen D, Sinisalo J, Slagboom PE, Snieder H, Spector TD, Thorsteinsdottir U, Stumvoll M, Tuomilehto J, Uitterlinden AG, Uusitupa M, van der Harst P, Veronesi G, Walker M, Wareham NJ, Watkins H, Wichmann HE, Abecasis GR, Assimes TL, Berndt SI, Boehnke M, Borecki IB, Deloukas P, Franke L, Frayling TM, Groop LC, Hunter DJ, Kaplan RC, O'Connell JR, Qi L, Schlessinger D, Strachan DP, Stefansson K, van Duijn CM, Willer CJ, Visscher PM, Yang J, Hirschhorn JN, Zillikens MC, McCarthy MI, Speliotes EK, North KE, Fox CS, Barroso I, Franks PW, Ingelsson E, Heid IM, Loos RJ, Cupples LA, Morris AP, Lindgren CM, Mohlke KL: New genetic loci link adipose and insulin biology to body fat distribution. *Nature* 518:187-196, 2015.

[\[Pub-Med\]](#)

31. Locke AE, Kahali B, Berndt SI, Justice AE, Pers TH, Day FR, Powell C, Vedantam S, Buchkovich ML, Yang J, Croteau-Chonka DC, Esko T, Fall T, Ferreira T, Gustafsson S, Kutalik Z, Luan J, Mägi R, Randall JC, Winkler TW, Wood AR, Workalemahu T, Faul JD, Smith JA, Hua Zhao J, Zhao W, Chen J, Fehrmann R, Hedman ÅK, Karjalainen J, Schmidt EM, Absher D, Amin N, Anderson D, Beekman M, Bolton JL, Bragg-Gresham JL, Buyske S, Demirkan A, Deng G, Ehret GB, Feenstra B, Feitosa MF, Fischer K, Goel A, Gong J, Jackson AU, Kanoni S, Kleber ME, Kristiansson K, Lim U, Lotay V, Mangino M, Mateo Leach I, Medina-Gomez C, Medland SE, Nalls MA, Palmer CD, Pasko D, Pechlivanis S, Peters MJ, Prokopenko I, Shungin D, Stančáková A, Strawbridge RJ, Ju Sung Y, Tanaka T, Teumer A, Trompet S, van der Laan SW, van Setten J, Van Vliet-Ostaptchouk JV, Wang Z, Yengo L, Zhang W, Isaacs A, Albrecht E, Ärnlöv J, Arscott GM, Attwood AP, Bandinelli S, Barrett A, Bas IN, Bellis C, Bennett AJ, Berne C, Blagieva R, Blüher M, Böhringer S, Bonnycastle LL, Böttcher Y, Boyd HA, Bruinenberg M, Caspersen IH, Ida Chen YD, Clarke R, Warwick Daw E, de Craen AJ, Delgado G, Dimitriou M, Doney AS, Eklund N, Estrada K, Eury E, Folkersen L, Fraser RM, Garcia ME, Geller F, Giedraitis V, Gigante B, Go AS, Golay A, Goodall AH, Gordon SD, Gorski M, Grabe HJ, Grallert H, Grammer TB, Gräßler J, Grönberg H, Groves CJ, Gusto G, Haessler J, Hall P, Haller T, Hallmans G, Hartman CA, Hassinen M, Hayward C, Heard-Costa NL, Helmer Q, Hengstenberg C, Holmen O, Hottenga JJ, James AL, Jeff JM, Johansson Å, Jolley J, Juliusdottir T, Kinnunen L, Koenig W, Koskenvuo M, Kratzer W, Laitinen J, Lamina C, Leander K, Lee NR, Lichtner P, Lind L, Lindström J, Sin Lo K, Lobbens S, Lorbeer R, Lu Y, Mach F, Magnusson PK, Mahajan A, McArdle WL, McLachlan S, Menni C, Merger S, Mihailov E, Milani L, Moayyeri A, Monda KL, Morken MA, Mulas A, Müller G, Müller-Nurasyid M, Musk AW, Nagaraja R, Nöthen MM, Nolte IM, Pilz S, Rayner NW, Renstrom F, Rettig R, Ried JS, Ripke S, Robertson NR, Rose LM, Sanna S, Schernagl H, Scholtens S, Schumacher FR, Scott WR, Seufferlein T, Shi J, Vernon Smith A, Smolonska J, Stanton AV, Steinthorsdottir V, Stirrups K, Stringham HM, Sundström J, Swertz MA, Swift AJ, Syvänen AC, Tan ST, Tayo BO, Thorand B, Thorleifsson G, Tyrer JP, Uh HW, Vandenput L, Verhulst FC, Vermeulen SH, Verweij N, Vonk JM, Waite LL, Warren HR, Waterworth D, Weedon MN, Wilkens LR, Willenborg C, Wilsgaard T, Wojczynski MK, Wong A, Wright AF, Zhang Q; LifeLines Cohort Study, Brennan EP, Choi M, Dastani Z, Drong AW, Eriksson P, Franco-Cereceda A, Gådin JR, Gharavi AG, Goddard ME, Handsaker RE, Huang J, Karpe F, Kathiresan S, Keildson S, Kiryluk K, Kubo M, Lee JY, Liang L, Lifton RP, Ma B, McCarroll SA, McKnight AJ, Min JL, Moffatt MF, Montgomery GW, Murabito JM, Nicholson G, Nyholt DR, Okada Y, Perry JR, Dorajoo R, Reinmaa E, Salem RM, Sandholm N, Scott RA, Stolk L, Takahashi A, Tanaka T, Van't Hooft FM, Vinkhuyzen AA, Westra HJ, Zheng W, Zondervan KT; ADIPOGen Consortium; AGEN-BMI Working Group; CARDIOGRAMplusC4D Consortium; CKDGen Consortium; GLGC; ICBP; MAGIC Investigators; MuTHER Consortium; MIGen Consortium; PAGE Consortium; ReproGen Consortium; GENIE Consortium; International Endogene Consortium, Heath AC, Arveiler D, Bakker SJ, Beilby J, Bergman RN, Blangero J, Bovet P, Campbell H, Caulfield MJ, Cesana G, Chakravarti A, Chasman DI, Chines PS, Collins FS, Crawford DC, Adrienne Cupples L, Cusi D, Danesh J, de Faire U, den Ruijter HM, Dominiczak AF, Erbel R, Erdmann J, Eriksson JG, Farrall M, Felix SB, Ferrannini E, Ferrières J, Ford I, Forouhi NG, Forrester T, Franco OH, Gansevoort RT, Gejman PV, Gieger C, Gottesman O, Gudnason V, Gyllensten U, Hall AS, Harris TB, Hattersley AT, Hicks AA, Hindorf LA, Hingorani AD, Hofman A, Homuth G, Kees Hovingh G, Humphries SE, Hunt SC, Hyppönen E, Illig T, Jacobs KB, Jarvelin MR, Jöckel KH, Johansen B, Jousilahti P, Wouter Jukema J, Jula AM, Kaprio J, Kastelein JJ, Keinänen-Kiukaanniemi SM, Kiemeny LA, Knekt P, Kooner JS, Kooperberg C, Kovacs P, Kraja AT, Kumari M, Kuusisto J, Lakka TA, Langenberg C, Le Marchand L, Lehtimäki T, Lyssenko V, Männistö S, Marette A, Matise TC,

- McKenzie CA, McKnight B, Moll FL, Morris AD, Morris AP, Murray JC, Nelis M, Ohlsson C, Oldehinkel AJ, Ong KK, Madden PA, Pasterkamp G, Peden JF, Peters A, Postma DS, Pramstaller PP, Price JF, Qi L, Raitakari OT, Rankinen T, Rao DC, Rice TK, Ridker PM, Rioux JD, Ritchie MD, Rudan I, Salomaa V, Samani NJ, Saramies J, Sarzynski MA, Schunkert H, Schwarz PE, Sever P, Shuldiner AR, Sinisalo J, Stolk RP, Strauch K, Tönjes A, Trégouët DA, Tremblay A, Tremoli E, Virtamo J, Vohl MC, Völker U, Waeber G, Willemsen G, Witteman JC, Zillikens MC, Adair LS, Amouyel P, Asselbergs FW, Assimes TL, Bochud M, Boehm BO, Boerwinkle E, Bornstein SR, Bottinger EP, Bouchard C, Cauchi S, Chambers JC, Chanock SJ, Cooper RS, de Bakker PI, Dedoussis G, Ferrucci L, Franks PW, Froguel P, Groop LC, Haiman CA, Hamsten A, Hui J, Hunter DJ, Hveem K, Kaplan RC, Kivimaki M, Kuh D, Laakso M, Liu Y, Martin NG, März W, Melbye M, Metspalu A, Moebus S, Munroe PB, Njølstad I, Oostra BA, Palmer CN, Pedersen NL, Perola M, Pérusse L, Peters U, Power C, Quertermous T, Rauramaa R, Rivadeneira F, Saaristo TE, Saleheen D, Sattar N, Schadt EE, Schlessinger D, Eline Slagboom P, Snieder H, Spector TD, Thorsteinsdottir U, Stumvoll M, Tuomilehto J, Uitterlinden AG, Uusitupa M, van der Harst P, Walker M, Wallaschofski H, Wareham NJ, Watkins H, Weir DR, Wichmann HE, Wilson JF, Zanen P, Borecki IB, Deloukas P, Fox CS, Heid IM, O'Connell JR, Strachan DP, Stefansson K, van Duijn CM, Abecasis GR, Franke L, Frayling TM, McCarthy MI, Visscher PM, Scherag A, Willer CJ, Boehnke M, Mohlke KL, Lindgren CM, Beckmann JS, Barroso I, North KE, Ingelsson E, Hirschhorn JN, Loos RJ, Speliotes EK: Genetic studies of body mass index yield new insights for obesity biology. *Nature* 518:197-206, 2015. [\[Pub-Med\]](#)
32. Zirngibl M, Fürnrohr BG, Janko C, Munoz LE, Voll RE, Gregory CD, Schett G, Herrmann M: Loading of nuclear autoantigens prototypically recognized by SLE sera into late apoptotic vesicles requires intact microtubules and MLCK activity. *Clin. Exp. Immunol.* 179:75-84, 2015. [\[Pub-Med\]](#)
33. Rahmioglu N, Macgregor S, Drong AW, Hedman AK, Harris HR, Randall JC, Prokopenko I, The International EndoGene Consortium (IEC); The GIANT Consortium (collaborator: Lamina C), Nyholt DR, Morris AP, Montgomery GW, Missmer SA, Lindgren CM, Zondervan KT: Genome-wide Enrichment Analysis between Endometriosis and Obesity-related Traits Reveals Novel Susceptibility Loci. *Hum. Mol. Genet.* 24:1185-1199, 2015. [\[Pub-Med\]](#)
34. Vallejo-Vaz AJ, Kondapally Seshasai SR, Cole D, Hovingh GK, Kastelein JJ, Mata P, Raal FJ, Santos RD, Soran H, Watts GF, Abifadel M, Aguilar-Salinas CA, Akram A, Alnouri F, Alonso R, Al-Rasadi K, Banach M, Boggsrud MP, Bourbon M, Bruckert E, Car J, Corral P, Descamps O, Dieplinger H, Durst R, Freiburger T, Gaspar IM, Genest J, Harada-Shiba M, Jiang L, Kayikcioglu M, Lam CS, Latkovskis G, Laufs U, Liberopoulos E, Nilsson L, Nordestgaard BG, O'Donoghue JM, Sahebkar A, Schunkert H, Shehab A, Stoll M, Su TC, Susekov A, Widen E, Catapano AL, Ray KK: Familial hypercholesterolaemia: A global call to arms. *Atherosclerosis* 243:257-259, 2015. [\[Pub-Med\]](#)
35. Blatzer M, Jukic E, Posch W, Schöpf B, Binder U, Steger M, Blum G, Hackl H, Gnaiger E, Lass-Flörl C, Wilflingseder D: Amphotericin B Resistance in *Aspergillus terreus* Is Overpowered by Coapplication of Pro-oxidants. *Antioxid. Redox. Signal.* 23:1424-1438, 2015. [\[Pub-Med\]](#)
36. Dueregger A*, Schöpf B*, Eder T, Hofer J, Gnaiger E, Aufinger A, Kenner L, Perktold B, Ramoner R, Klocker H, Eder IE: Differential Utilization of Dietary Fatty Acids in Benign and Malignant Cells of the Prostate. *PLoS. ONE.* 10:e0135704, 2015. [\[Pub-Med\]](#)
37. Fürnrohr BG, Rhodes B, Munoz LE, Weiss K, Vyse TJ, Schett G: Osteoclast Differentiation Is Impaired in a Subgroup of SLE Patients and Correlates Inversely with Mycophenolate Mofetil Treatment. *Int. J. Mol. Sci.* 16:18825-18835, 2015. [\[Pub-Med\]](#)
38. Kehdy FS, Gouveia MH, Machado M, Magalhaes WC, Horimoto AR, Horta BL, Moreira RG, Leal TP, Scliar MO, Soares-Souza GB, Rodrigues-Soares F, Araujo GS, Zamudio R, Sant Anna HP, Santos HC, Duarte NE, Fiaccone RL, Figueiredo CA, Silva TM, Costa GN, Beleza S, Berg DE, Cabrera L, Debortoli G, Duarte D, Ghirotto S, Gilman RH, Goncalves VF, Marrero AR, Muniz YC, Weissensteiner H, Yeager M, Rodrigues LC, Barreto ML, Lima-Costa MF, Pereira AC, Rodrigues MR, Tarazona-Santos E: Origin and dynamics of admixture in Brazilians and its effect on the pattern of deleterious mutations. *Proc. Natl. Acad. Sci. U. S. A.* 112:8696-8701, 2015. [\[Pub-Med\]](#)

39. Ofer P, Heidegger I, Eder IE, Schöpf B, Neuwirt H, Geley S, Klocker H, Massoner P: Both IGF1R and INSR Knockdown Exert Antitumorigenic Effects in Prostate Cancer In Vitro and In Vivo. **Mol. Endocrinol.** 29:1694-1707, 2015. [\[Pub-Med\]](#)
40. Deller M, Rupp B: Models of protein-ligand crystal structures: trust, but verify. **J. Comp. Aided Mol. Design**, 29:817-836, 2015. (Invited Article) [\[Pub-Med\]](#)
41. Rupp B: Origin and use of crystallization phase diagrams. **Acta Crystallographica Section F: Structural Biology Communications** F71: 247-260, 2015. [\[Pub-Med\]](#)
42. Krumsiek J, Mittelstrass K, Do KT, Stückler F, Ried J, Adamski J, Peters A, Illig T, Kronenberg F, Friedrich N, Nauck M, Pietzner M, Mook-Kanamori DO, Suhre K, Gieger C, Grallert H, Theis FJ, Kastenmüller G: Gender-specific pathway differences in the human serum metabolome. **Metabolomics** 11:1815-1833, 2015. [\[Pub-Med\]](#)
43. Stark K, Olden M, Brandl C, Dietl A, Zimmermann ME, Schelter SC, Loss J, Leitzmann MF, Böger CA, Luchner A, Kronenberg F, Helbig H, Weber BH, Heid IM: The German AugUR study: study protocol of a prospective study to investigate chronic diseases in the elderly. **BMC. Geriatr.** 15:130, 2015. [\[Pub-Med\]](#)
44. Schneider MP, Hubner S, Titze SI, Schmid M, Nadal J, Schlieper G, Busch M, Baid-Agrawal S, Krane V, Wanner C, Kronenberg F, Eckardt KU: Implementation of the KDIGO guideline on lipid management requires a substantial increase in statin prescription rates. **Kidney Int.** 88:1411-1418, 2015. [\[Pub-Med\]](#)
45. Wain LV, Shrine N, Miller S, Jackson VE, Ntalla I, Artigas MS, Billington CK, Kheirallah AK, Allen R, Cook JP, Probert K, Obeidat M, Bosse Y, Hao K, Postma DS, Pare PD, Ramasamy A, Magi R, Mihailov E, Reinmaa E, Melen E, O'Connell J, Frangou E, Delaneau O, OxGSK Consortium (collaborator: Lamina C), Freeman C, Petkova D, McCarthy M, Sayers I, Deloukas P, Hubbard R, Pavord I, Hansell AL, Thomson NC, Zeggini E, Morris AP, Marchini J, Strachan DP, Tobin MD, Hall IP: Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. **Lancet Respir. Med.** 3:769-781, 2015. [\[Pub-Med\]](#)
46. Weichenberger CX, Rupp B: Improved probabilistic estimates of biocrystal solvent content. **Computational Crystallography Newsletter** 6:14-19, 2015. <http://www.phenix-online.org/newsletter/>
47. Forer L, Afgan E, Weissensteiner H, Davidovic D, Specht G, Kronenberg F, Schönherr S: Cloudflow - A framework for MapReduce pipeline development in Biomedical Research. **38th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2015, Opatija, Croatia, May 25-29, 2015**:p. 172-177, 2015.
48. Weichenberger CX, Afonine PA, Kantardjieff K, Rupp B: The solvent component of macromolecular crystals. **Acta Crystallographica Section D: Biological Crystallography** D71: 1023-28, 2015.
49. Weiss G, Kronenberg F: Intravenous iron administration: new observations and time for the next steps. **Kidney Int.** 87:10-12, 2015. (Invited Editorial). [\[Pub-Med\]](#)
50. Weiss G, Kronenberg F: The authors reply to Goodkin and Bailie: Intravenous iron dose and mortality in hemodialysis patients. **Kidney Int.** 87:1262, 2015. [\[Pub-Med\]](#)
51. Dieplinger H, Dieplinger B: Afamin - A pleiotropic glycoprotein involved in various disease states. **Clin. Chim. Acta** 446:105-110, 2015. [\[Pub-Med\]](#)
52. Kronenberg F, Dieplinger H: Afamin is a promising novel marker for metabolic syndrome and related diseases. **Clinical Lipidology** 10:207-210, 2015.

[\[top\]](#)

Publications 2014

* Authors contributed equally

1. Laschkolnig A, Kollerits B, Lamina C, Meisinger C, Rantner B, Stadler M, Peters A, Koenig W, Stöckl A, Dähnhardt D, Böger CA, Krämer BK, Fraedrich G, Strauch K, Kronenberg F: Lipoprotein(a) concentrations, apolipoprotein(a) phenotypes and peripheral arterial disease in three independent cohorts. *Cardiovascular Research* 103:28-36, 2014. [\[Pub-Med\]](#)
2. Kronenberg F, Kollerits B, Kiechl S, Lamina C, Kedenko L, Meisinger C, Willeit J, Huth C, Wietzorrek G, Altmann ME, Thorand B, Melmer A, Dähnhardt D, Santer P, Rathmann W, Paulweber B, Koenig W, Peters A, Adham IM, Dieplinger H: Plasma concentrations of afamin are associated with the prevalence and development of metabolic syndrome. *Circ. Cardiovasc. Genet.* 7:822-829, 2014. [\[Pub-Med\]](#)
3. Broer L*, Raschenberger J*, Deelen J*, Mangino M, Codd V, Pietilainen KH, Albrecht E, Amin N, Beekman M, de Craen AJ, Gieger C, Haun M, Henneman P, Herder C, Hovatta I, Laser A, Kedenko L, Koenig W, Kollerits B, Moilanen E, Oostra BA, Paulweber B, Quaye L, Rissanen A, Roden M, Surakka I, Valdes AM, Vuolteenaho K, Thorand B, Van Dijk KW, Kaprio J, Spector TD, Slagboom PE, Samani NJ*, Kronenberg F*, Van Duijn CM*, Ladwig KH*: Association of adiponectin and leptin with relative telomere length in seven independent cohorts including 11,448 participants. *Eur. J. Epidemiol.* 29:629-638, 2014. [\[Pub-Med\]](#)
4. Willeit P*, Raschenberger J*, Heydon EE, Tsimikas S, Haun M, Mayr A, Weger S, Witztum JL, Butterworth AS, Willeit J, Kronenberg F, Kiechl S: Leucocyte Telomere Length and Risk of Type 2 Diabetes Mellitus: New Prospective Cohort Study and Literature-Based Meta-Analysis. *PLoS. ONE.* 9:e112483, 2014. [\[Pub-Med\]](#)
5. Hill CJ, Maxwell AP, Cardwell CR, Freedman BI, Tonelli M, Emoto M, Inaba M, Hayashino Y, Fukuhara S, Okada T, Drechsler C, Wanner C, Casula A, Adler AI, Lamina C, Kronenberg F, Streja E, Kalantar-Zadeh K, Fogarty DG: Glycated Hemoglobin and Risk of Death in Diabetic Patients Treated With Hemodialysis: A Meta-analysis. *Am. J. Kidney Dis.* 63:84-94, 2014. [\[Pub-Med\]](#)
6. Willeit P, Kiechl S, Kronenberg F, Witztum JL, Santer P, Mayr M, Xu Q, Mayr A, Willeit J, Tsimikas S: Discrimination and Net Reclassification of Cardiovascular Risk with Lipoprotein (a): Prospective 15-Year Outcomes in the Bruneck Study. *J. Am. Coll. Cardiol.* 64:851-860, 2014. [\[Pub-Med\]](#)
7. Lamina C*, Linsenmeyer J*, Weissensteiner H, Kollerits B, Meisinger C, Rantner B, Stöckl D, Stadler M, Klein-Weigel P, Peters A, Fraedrich G, Kronenberg F: Correlation between a positive family risk score and peripheral artery disease in one case-control and two population-based studies. *Atherosclerosis* 237:243-250, 2014. [\[Pub-Med\]](#)
8. Adam M, Imboden M, Boes E, Schaffner E, Kunzli N, Phuleria HC, Kronenberg F, Gaspoz JM, Carballo D, Probst-Hensch N: Modifying Effect of a Common Polymorphism in the Interleukin-6 Promoter on the Relationship between Long-Term Exposure to Traffic-Related Particulate Matter and Heart Rate Variability. *PLoS ONE* 9:e104978, 2014. [\[Pub-Med\]](#)
9. Lamina C, Haun M, Coassin S, Kloss-Brandstatter A, Gieger C, Peters A, Grallert H, Strauch K, Meitinger T, Kedenko L, Paulweber B, Kronenberg F: A systematic evaluation of short tandem repeats in lipid candidate genes: riding on the SNP-wave. *PLoS ONE* 9:e102113, 2014. [\[Pub-Med\]](#)
10. 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, Dorr M, Muller-Nurasyid M, Lahtinen AM, Nolte IM, Smith AV, Bis JC, Isaacs A, Newhouse SJ, Evans DS, Post WS, Waggott D, Lytikainen 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, Kluttig 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 WH, Strait JB, Macfarlane PW, Brown M, Caulfield MJ, Samani NJ, [Kronenberg F](#), Willeit J, Smith JG, Greiser KH, Meyer Zu SH, Werdan K, Carella M, Zelante L, Heckbert SR, Psaty BM, Rotter JI, Kolcic I, Polasek O, Wright AF, Griffin M, Daly MJ, Arnar DO, Holm H, Thorsteinsdottir U, Denny JC, Roden DM, Zuvich RL, Emilsson V, Plump AS, Larson MG, O'Donnell CJ, Yin X, Bobbo 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, Jockel KH, Kalsch H, Nothen MM, den HM, Loos RJ, 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 AA, Behr ER, Dalageorgou C, Giudicessi JR, Medeiros-Domingo A, Barc J, Kyndt F, Probst V, Ghidoni A, Insolia R, Hamilton RM, Scherer SW, Brandimarto J, Margulies K, Moravec CE, Fabiola, Fuchsberger C, O'Connell JR, Lee WK, Watt GC, 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 JC, Kedenko L, [Lamina C](#), Oostra BA, Abecasis GR, Lakatta EG, Mulas A, Orru M, Schlessinger D, Uda M, Markus MR, Volker U, Snieder H, Spector TD, Arnlov J, Lind L, Sundstrom J, Syvanen AC, Kivimaki M, Kahonen 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, Muhleisen TW, Pramstaller PP, Lehtimaki 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, Kaab S, Chakravarti A, Ackerman MJ, Pfeufer A, de Bakker PI, Newton-Cheh C: Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nat. Genet.* 46:826-836, 2014. [\[Pub-Med\]](#)
11. Pechlaner R, Kiechl S, Willeit P, Demetz E, [Haun M](#), Weger S, Oberhollenzer F, [Kronenberg F](#), Bonora E, Weiss G, Willeit J: Haptoglobin 2-2 genotype is not associated with cardiovascular risk in subjects with elevated glycohemoglobin-results from the Bruneck Study. *J. Am. Heart Assoc.* 3:e000732, 2014. [\[Pub-Med\]](#)
12. Curjuric I, Imboden M, Adam M, Bettschart RW, Gerbase MW, Kunzli N, Rochat T, Rohrer L, Rothe TB, Schwartz J, Stolz D, Tschopp JM, von Eckardstein A, [Kronenberg F](#), Probst-Hensch NM: Serum bilirubin is associated with lung function in a Swiss general population sample. *Eur. Respir. J.* 43:1278-1288, 2014. [\[Pub-Med\]](#)
13. Bandelt HJ, [Kloss-Brandstätter A](#), Richards MB, Yao YG, Logan I: The case for the continuing use of the revised Cambridge Reference Sequence (rCRS) and the standardization of notation in human mitochondrial DNA studies. *J. Hum. Genet.* 59:66-77, 2014. [\[Pub-Med\]](#)
14. Thun GA, Imboden M, Kunzli N, Rochat T, Keidel D, Haun M, Schindler C, [Kronenberg F](#), Probst-Hensch NM: Follow-up on genome-wide main effects: Do polymorphisms modify the air pollution effect on lung function decline in adults? *Environ. Int.* 64:110-115, 2014. [\[Pub-Med\]](#)
15. [Kronenberg F](#): Causes and consequences of lipoprotein(a) abnormalities in kidney disease. *Clin. Exp. Nephrol.* 18:234-237, 2014. [\[Pub-Med\]](#)
16. Deller MC, [Rupp B](#): Approaches to automated protein crystal harvesting. *Acta callographica Section F: Structural Biology Communications* F70:133-155, 2014. [\[Pub-Med\]](#)
17. [Summerer M](#), Horst J, [Erhart G](#), [Weissensteiner H](#), [Schönherr S](#), [Pacher D](#), [Forer L](#), Horst D, Manhart A, Horst B, Sanguanserm Sri T, [Kloss-Brandstätter A](#): Large-scale mitochondrial DNA analysis in Southeast Asia reveals evolutionary effects of cultural isolation in the multi-ethnic population of Myanmar. *BMC. Evol. Biol.* 14:17, 2014. [\[Pub-Med\]](#)
18. Wanner C, Tonelli M, Cass A, Garg AX, Holdaas H, Jardine AG, Jiang L, [Kronenberg F](#), Parekh RS, Shoji T, Walker RJ, the Kidney Disease: Improving Global Outcomes Lipid Guideline Development Work Group Members: KDIGO Clinical Practice Guideline for Lipid Management in CKD: summary of recommendation statements and clinical approach to the patient. *Kidney Int.* 85:1303-1309, 2014. [\[Pub-Med\]](#)

19. Dauter Z, Wlodawer A, Minor W, Jaskolski M, Rupp B: Avoidable errors in deposited macromolecular structures: an impediment to efficient data mining. *IUCrJ*. 1:179-193, 2014. [\[Pub-Med\]](#)
20. Weichenberger CX, Rupp B: Ten years of probabilistic estimates of biocrystal solvent content: new insights via nonparametric kernel density estimate. *Acta Crystallogr. Section D: Biol. Crystallogr.* D70:1579-1588, 2014. [\[Pub-Med\]](#)
21. Tonelli M, Wanner C, Kidney Disease: Improving Global Outcomes Lipid Guideline Development Work Group Members (Marcello Tonelli and Christoph Wanner (co-chairs), Alan Cass, Amit X. Garg, Hallvard Holdaas, Alan G. Jardine, Lixin Jiang, Florian Kronenberg, Rulan S. Parekh, Tetsuo Shoji, and Robert J. Walker): Lipid management in chronic kidney disease: synopsis of the Kidney Disease: Improving Global Outcomes 2013 clinical practice guideline. *Ann. Intern. Med.* 160:182-189, 2014. [\[Pub-Med\]](#)
22. Köninger A, Edimiris P, Koch L, Enekwe A, Lamina C, Kasimir-Bauer S, Kimmig R, Dieplinger H: Serum concentrations of afamin are elevated in patients with polycystic ovary syndrome. *Endocr. Connect.* 3:120-126, 2014. [\[Pub-Med\]](#)
23. Winkler TW, Day FR, Croteau-Chonka DC, Wood AR, Locke AE, Magi R, Ferreira T, Fall T, Graff M, Justice AE, Luan J, Gustafsson S, Randall JC, Vedantam S, Workalemahu T, Kilpelainen TO, Scherag A, Esko T, Kutalik Z, Heid IM, Loos RJ, The Genetic Investigation of Anthropometric Traits (GIANT) Consortium (collaborator: Lamina C): Quality control and conduct of genome-wide association meta-analyses. *Nat. Protoc.* 9:1192-1212, 2014. [\[Pub-Med\]](#)
24. Hubalek M, Buchner H, Mortl MG, Schlembach D, Huppertz B, Firulovic B, Kohler W, Hafner E, Dieplinger B, Wildt L, Dieplinger H: The vitamin E-binding protein afamin increases in maternal serum during pregnancy. *Clin. Chim. Acta* 434:41-47, 2014. [\[Pub-Med\]](#)
25. Timms JF, Arslan-Low E, Kabir M, Worthington J, Camuzeaux S, Sinclair J, Szaub J, Afrough B, Podust VN, Fourkala EO, Cubizolles M, Kronenberg F, Fung ET, Gentry-Maharaj A, Menon U, Jacobs I: Discovery of serum biomarkers of ovarian cancer using complementary proteomic profiling strategies. *Proteomics Clin. Appl.* 8:982-993, 2014. [\[Pub-Med\]](#)
26. Kedenko L*, Lamina C*, Kedenko I, Kollerits B, Kiesslich T, Iglseider B, Kronenberg F, Paulweber B: Genetic polymorphisms at SIRT1 and FOXO1 are associated with carotid atherosclerosis in the SAPHIR cohort. *BMC Med. Genet.* 15:112, 2014. [\[Pub-Med\]](#)
27. Stadler M, Peric S, Strohner-Kaestenbauer H, Kramar R, Kaestenbauer T, Reitner A, Auinger M, Kronenberg F, Irsigler K, Amiel SA, Prager R: Mortality and Incidence of Renal Replacement Therapy in People With Type 1 Diabetes Mellitus-A Three Decade Long Prospective Observational Study in the Lainz T1DM Cohort. *J. Clin. Endocrinol. Metab* 99:4523-4530, 2014. [\[Pub-Med\]](#)
28. Hoggart CJ, Venturini G, Mangino M, Gomez F, Ascari G, Zhao JH, Teumer A, Winkler TW, Tsernikova N, Luan J, Mihailov E, Ehret GB, Zhang W, Lamparter D, Esko T, Mace A, Rueger S, Bochud PY, Barcella M, Dauvilliers Y, Benyamin B, Evans DM, Hayward C, Lopez MF, Franke L, Russo A, Heid IM, Salvi E, Vendantam S, Arking DE, Boerwinkle E, Chambers JC, Fiorito G, Grallert H, Guarrera S, Homuth G, Huffman JE, Porteous D, Generation Scotland Consortium; LifeLines Cohort study; GIANT Consortium (collaborator: Lamina C), Moradpour D, Iranzo A, Hebebrand J, Kemp JP, Lammers GJ, Aubert V, Heim MH, Martin NG, Montgomery GW, Peraita-Adrados R, Santamaria J, Negro F, Schmidt CO, Scott RA, Spector TD, Strauch K, Volzke H, Wareham NJ, Yuan W, Bell JT, Chakravarti A, Kooner JS, Peters A, Matullo G, Wallaschofski H, Whitfield JB, Paccaud F, Vollenweider P, Bergmann S, Beckmann JS, Tafti M, Hastie ND, Cusi D, Bochud M, Frayling TM, Metspalu A, Jarvelin MR, Scherag A, Smith GD, Borecki IB, Rousson V, Hirschhorn JN, Rivolta C, Loos RJ, Kutalik Z: Novel approach identifies SNPs in SLC2A10 and KCNK9 with evidence for parent-of-origin effect on body mass index. *PLoS Genet.* 10:e1004508, 2014. [\[Pub-Med\]](#)
29. Liu CT, Buchkovich ML, Winkler TW, Heid IM, African Ancestry Anthropometry Genetics Consortium; GIANT Consortium (collaborator: Lamina C), Borecki IB, Fox CS, Mohlke KL, North KE,

- Adrienne CL: Multi-ethnic fine-mapping of 14 central adiposity loci. *Hum. Mol. Genet.* 23:4738-4744, 2014. [\[Pub-Med\]](#)
30. Pohlhammer J, Kronenberg F, Rantner B, Stadler M, Peric S, Hammerer-Lercher A, Klein-Weigel P, Fraedrich G, Kollerits B: High-sensitivity cardiac troponin T in patients with intermittent claudication and its relation with cardiovascular events and all-cause mortal. *Atherosclerosis* 237:711-717, 2014. [\[Pub-Med\]](#)
31. Zitt E, Sturm G, Kronenberg F, Neyer U, Knoll F, Lhotta K, Weiss G: Iron supplementation and mortality in incident dialysis patients: an observational study. *PLoS. ONE.* 9:e114144, 2014. [\[Pub-Med\]](#)
32. Seeber B, Morandell E, Lunger F, Wildt L, Dieplinger H: Afamin serum concentrations are associated with insulin resistance and metabolic syndrome in polycystic ovary syndrome. *Reprod. Biol. Endocrinol.* 12:88, 2014. [\[Pub-Med\]](#)
33. Klose G, Beil FU, Dieplinger H, von Eckardstein A, Föger B, Gouni-Berthold I, Koenig W, Kostner GM, Landmesser U, Laufs U, Leistikow F, Marz W, Merkel M, Muller-Wieland D, Noll G, Parhofer KG, Paulweber B, Riesen W, Schaefer JR, Steinhagen-Thiessen E, Steinmetz A, Toplak H, Wanner C, Windler E: Neue AHA- und ACC-Leitlinie zur Risikoreduktion von Herz-Kreislauf-Erkrankungen durch Cholesterinsenkung : Stellungnahme der D*A*CH-Gesellschaft Praventio von Herz-Kreislauf-Erkrankungen e. V., der Osterreichischen Atherosklerose Gesellschaft und der Arbeitsgruppe Lipide und Atherosklerose (AGLA) der Schweizer Gesellschaft fur Kardiologie. *Internist (Berl)* 55:601-606, 2014. [\[Pub-Med\]](#)
34. Klose G, Beil FU, Dieplinger H, von Eckardstein A, Foger B, Gouni-Berthold I, Heigl F, Koenig W, Kostner GM, Landmesser U, Laufs U, Leistikow F, Marz W, Noll G, Parhofer KG, Paulweber B, Riesen WF, Schaefer JR, Steinhagen-Thiessen E, Steinmetz A, Toplak H, Wanner C, Windler E: New AHA and ACC guidelines on the treatment of blood cholesterol to reduce atherosclerotic cardiovascular risk. *Wien. Klin. Wochenschr.* 126:169-175, 2014. [\[Pub-Med\]](#)
35. Dalla Torre D, Burtscher D, Kloss-Brandstätter A, Rasse M, Kloss F: Management of frontal sinus fractu. *J. Craniomaxillofac. Surg.* 42:1515-1519, 2014. [\[Pub-Med\]](#)
36. Forer L, Lipic T, Schönherr S, Weißensteiner H, Davidovic D, Kronenberg F, Afgan E: Delivering Bioinformatics MapReduce Applications in the Cloud. *Information and Communication Technology, Electronics and Microelectronics (MIPRO), 2014 37th International Convention* 373-377, 2014.
37. Deller MC, Rupp B: Crystallisation of proteins and macromolecular complexes: Past, present and future. *Wiley electronic Library of Science* 2014 DOI: 10.1002/9780470015902.a0002718.pub2
38. Wen CP, Matsushita K, Coresh J, Iseki K, Islam M, Katz R, McClellan W, Peralta CA, Wang H, de ZD, Astor BC, Gansevoort RT, Levey AS, Levin A, Chronic Kidney Disease Prognosis Consortium (collaborators: Kronenberg F, Kollerits B): Relative risks of chronic kidney disease for mortality and end-stage renal disease across races are similar. *Kidney Int.* 86:819-827, 2014. [\[Pub-Med\]](#)
39. Kronenberg F: Lipoprotein(a) in various conditions: To keep a sense of proportions. *Atherosclerosis* 234: 249-251, 2014. [\[Pub-Med\]](#)
40. Kronenberg F: Genetic determination of lipoprotein(a) and its association with cardiovascular disease. Convenient does not always mean better. *J. Intern. Med.* 276:243-247, 2014. [\[Pub-Med\]](#)
41. Kronenberg F: Lipoprotein(a): there's life in the old dog yet. *Circulation* 129:619-621, 2014. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2013

* Authors contributed equally

1. Kronenberg F, Utermann G: Lipoprotein(a) - resurrected by genetics. *J. Intern. Med.* 273:6-30, 2013. [Review] [\[Pub-Med\]](#)
2. Kollerits B, Sturm G, Lamina C, Hammerer-Lercher A, Rantner B, Stadler M, Ziera T, Struck J, Klein-Weigel P, Fraedrich G, Kronenberg F: Comparison and evaluation of cardiac biomarkers in patients with intermittent claudication: Results from the CAVASIC Study. *Clin. Chem.* 59:692-702, 2013. [\[Pub-Med\]](#)
3. Raschenberger J, Kollerits B, Hammerer-Lercher A, Rantner B, Stadler M, Haun M, Klein-Weigel P, Fraedrich G, Kronenberg F: The association of relative telomere length with symptomatic peripheral arterial disease: Results from the CAVASIC Study. *Atherosclerosis* 229:469-474, 2013. [\[Pub-Med\]](#)
4. Drechsler C, Kollerits B, Meinitzer A, Marz W, Ritz E, Konig P, Neyer U, Pilz S, Wanner C, Kronenberg F: Homoarginine and progression of chronic kidney disease: results from the mild to moderate kidney disease study. *PLoS. ONE.* 8:e63560, 2013. [\[Pub-Med\]](#)
5. Weissensteiner H*, Haun M*, Schönherr S, Neuner M, Forer L, Specht G, Kloss-Brandstätter A, Kronenberg F, Coassin S: SNPflow: a lightweight application for the processing, storing and automatic quality checking of genotyping assays. *PLoS One.* 8: e59508, 2013. [\[Pub-Med\]](#)
6. Melmer A, Fineder L, Lamina C, Kollerits B, Dieplinger B, Braicu I, Sehouli J, Cadron I, Vergote I, Mahner S, Zeimet AG, Castillo-Tong DC, Ebenbichler CF, Zeillinger R, Dieplinger H: Plasma concentrations of the vitamin E-binding protein afamin are associated with overall and progression-free survival and platinum sensitivity in serous ovarian cancer-a study by the OVCAD consortium. *Gynecol. Oncol.* 128:28-43, 2013. [\[Pub-Med\]](#)
7. Schwaiger JP, Nakada Y, Berberich R, Ikewaki K, Dieplinger B, Zitt E, Neyer U, Salmhofer H, Kronenberg F, König P, Dieplinger H: Lipoprotein kinetics in male hemodialysis patients treated with atorvastatin. *Clin. J. Am. Soc. Nephrol.* 8:1319-1326, 2013. [\[Pub-Med\]](#)
8. Kiechl S, Wittmann J, Giaccari A, Knoflach M, Willeit P, Bozec A, Moschen AR, Muscogiuri G, Sorice GP, Kireva T, Summerer M, Wirtz S, Luther J, Mielenz D, Billmeier U, Egger G, Mayr A, Oberhollenzer F, Kronenberg F, Orthofer M, Penninger JM, Meigs JB, Bonora E, Tilg H, Willeit J, Schett G: Blockade of receptor activator of nuclear factor- κ B (RANKL) signaling improves hepatic insulin resistance and prevents development of diabetes mellitus. *Nat. Med.* 19:358-363, 2013. [\[Pub-Med\]](#)
9. Nitsch D, Grams M, Sang Y, Black C, Cirillo M, Djurdjevic O, Iseki K, Jassal SK, Kimm H, Kronenberg F, Oien CM, Levey AS, Levin A, Woodward M, Hemmelgarn BR, for the Chronic Kidney Disease Prognosis Consortium: Associations of estimated glomerular filtration rate and albuminuria with mortality and renal failure by sex: a meta-analysis. *BMJ* 346:f324, 2013. [\[Pub-Med\]](#)
10. Lamina C, Kronenberg F: The mysterious lipoprotein(a) is still good for a surprise. *Lancet Diabetes & Endocrinology.* 1:170-172, 2013; (invited commentary). [\[Pub-Med\]](#)
11. Berndt SI, Gustafsson S, Magi R, Ganna A, Wheeler E, Feitosa MF, Justice AE, Monda KL, Croteau-Chonka DC, Day FR, Esko T, Fall T, Ferreira T, Gentilini D, Jackson AU, Luan J, Randall JC, Vedantam S, Willer CJ, Winkler TW, Wood AR, Workalemahu T, Hu YJ, Lee SH, Liang L, Lin DY, Min JL, Neale BM, Thorleifsson G, Yang J, Albrecht E, Amin N, Bragg-Gresham JL, Cadby G, den HM, Eklund N, Fischer K, Goel A, Hottenga JJ, Huffman JE, Jarick I, Johansson A, Johnson T, Kanoni S, Kleber ME, Konig IR, Kristiansson K, Kutalik Z, Lamina C, Lecoeur C, Li G, Mangino M, McArdle WL, Medina-Gomez C, Muller-Nurasyid M, Ngwa JS, Nolte IM, Paternoster L, Pechlivanis S, Perola M, Peters MJ, Preuss M, Rose LM, Shi J, Shungin D, Smith AV, Strawbridge RJ, Surakka I, Teumer A, Trip MD, Tyrer J, van Vliet-Ostaptchouk JV, Vandenput L, Waite LL, Zhao JH, Absher D, Asselbergs FW, Atalay M, Attwood AP, Balmforth AJ, Basart H, Beilby J, Bonnycastle LL, Brambilla P, Bruinenberg

M, Campbell H, Chasman DI, Chines PS, Collins FS, Connell JM, Cookson WO, de FU, de VF, Dei M, Dimitriou M, Edkins S, Estrada K, Evans DM, Farrall M, Ferrario MM, Ferrieres J, Franke L, Frau F, Gejman PV, Grallert H, Gronberg H, Gudnason V, Hall AS, Hall P, Hartikainen AL, Hayward C, Heard-Costa NL, Heath AC, Hebebrand J, Homuth G, Hu FB, Hunt SE, Hypponen E, Iribarren C, Jacobs KB, Jansson JO, Jula A, Kahonen M, Kathiresan S, Kee F, Khaw KT, Kivimaki M, Koenig W, Kraja AT, Kumari M, Kuulasmaa K, Kuusisto J, Laitinen JH, Lakka TA, Langenberg C, Launer LJ, Lind L, Lindstrom J, Liu J, Liuzzi A, Lokki ML, Lorentzon M, Madden PA, Magnusson PK, Manunta P, Marek D, Marz W, Leach IM, McKnight B, Medland SE, Mihailov E, Milani L, Montgomery GW, Mooser V, Muhleisen TW, Munroe PB, Musk AW, Narisu N, Navis G, Nicholson G, Nohr EA, Ong KK, Oostra BA, Palmer CN, Palotie A, Peden JF, Pedersen N, Peters A, Polasek O, Pouta A, Pramstaller PP, Prokopenko I, Putter C, Radhakrishnan A, Raitakari O, Rendon A, Rivadeneira F, Rudan I, Saaristo TE, Sambrook JG, Sanders AR, Sanna S, Saramies J, Schipf S, Schreiber S, Schunkert H, Shin SY, Signorini S, Sinisalo J, Skrobek B, Soranzo N, Stancakova A, Stark K, Stephens JC, Stirrups K, Stolk RP, Stumvoll M, Swift AJ, Theodoraki EV, Thorand B, Tregouet DA, Tremoli E, Van der Klauw MM, van Meurs JB, Vermeulen SH, Viikari J, Virtamo J, Vitart V, Waeber G, Wang Z, Widen E, Wild SH, Willemsen G, Winkelmann BR, Wittteman JC, Wolffenbuttel BH, Wong A, Wright AF, Zillikens MC, Amouyel P, Boehm BO, Boerwinkle E, Boomsma DI, Caulfield MJ, Chanock SJ, Cupples LA, Cusi D, Dedoussis GV, Erdmann J, Eriksson JG, Franks PW, Froguel P, Gieger C, Gyllensten U, Hamsten A, Harris TB, Hengstenberg C, Hicks AA, Hingorani A, Hinney A, Hofman A, Hovingh KG, Hveem K, Illig T, Jarvelin MR, Jockel KH, Keinanen-Kiukaanniemi SM, Kiemeny LA, Kuh D, Laakso M, Lehtimaki T, Levinson DF, Martin NG, Metspalu A, Morris AD: Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics* 45:501-512, 2013.

[\[Pub-Med\]](#)

12. Randall JC, Winkler TW, Kutalik Z, Berndt SI, Jackson AU, Monda KL, Kilpelainen TO, Esko T, Magi R, Li S, Workalemahu T, Feitosa MF, Croteau-Chonka DC, Day FR, Fall T, Ferreira T, Gustafsson S, Locke AE, Mathieson I, Scherag A, Vedantam S, Wood AR, Liang L, Steinthorsdottir V, Thorleifsson G, Dermitzakis ET, Dimas AS, Karpe F, Min JL, Nicholson G, Clegg DJ, Person T, Krohn JP, Bauer S, Buechler C, Eisinger K, Bonnefond A, Froguel P, Hottenga JJ, Prokopenko I, Waite LL, Harris TB, Smith AV, Shuldiner AR, McArdle WL, Caulfield MJ, Munroe PB, Gronberg H, Chen YD, Li G, Beckmann JS, Johnson T, Thorsteinsdottir U, Teder-Laving M, Khaw KT, Wareham NJ, Zhao JH, Amin N, Oostra BA, Kraja AT, Province MA, Cupples LA, Heard-Costa NL, Kaprio J, Ripatti S, Surakka I, Collins FS, Saramies J, Tuomilehto J, Jula A, Salomaa V, Erdmann J, Hengstenberg C, Loley C, Schunkert H, Lamina C, Wichmann HE, Albrecht E, Gieger C, Hicks AA, Johansson A, Pramstaller PP, Kathiresan S, Speliotes EK, Penninx B, Hartikainen AL, Jarvelin MR, Gyllensten U, Boomsma DI, Campbell H, Wilson JF, Chanock SJ, Farrall M, Goel A, Medina-Gomez C, Rivadeneira F, Estrada K, Uitterlinden AG, Hofman A, Zillikens MC, den HM, Kiemeny LA, Maschio A, Hall P, Tyrer J, Teumer A, Volzke H, Kovacs P, Tonjes A, Mangino M, Spector TD, Hayward C, Rudan I, Hall AS, Samani NJ, Attwood AP, Sambrook JG, Hung J, Palmer LJ, Lokki ML, Sinisalo J, Boucher G, Huikuri H, Lorentzon M, Ohlsson C, Eklund N, Eriksson JG, Barlassina C, Rivolta C, Nolte IM, Snieder H, Van der Klauw MM, van Vliet-Ostaptchouk JV, Gejman PV, Shi J, Jacobs KB, Wang Z, Bakker SJ, Mateo L, I, Navis G, van der Harst P, Martin NG, Medland SE, Montgomery GW, Yang J, Chasman DI, Ridker PM, Rose LM, Lehtimaki T, Raitakari O, Absher D, Iribarren C, Basart H, Hovingh KG, Hypponen E, Power C, Anderson D, Beilby JP, Hui J, Jolley J, Sager H, Bornstein SR, Schwarz PE, Kristiansson K, Perola M, Lindstrom J, Swift AJ, Uusitupa M, Atalay M, Lakka TA, Rauramaa R, Bolton JL, Fowkes G, Fraser RM, Price JF, Fischer K, Krjuta KK, Metspalu A, Mihailov E, Langenberg C, Luan J, Ong KK, Chines PS, Keinanen-Kiukaanniemi SM, Saaristo TE, Edkins S, Franks PW, Hallmans G, Shungin D, Morris AD, Palmer CN, Erbel R, Moebus S, Nothen MM, Pechlivanis S, Hveem K, Narisu N, Hamsten A, Humphries SE, Strawbridge RJ, Tremoli E, Grallert H, Thorand B, Illig T, Koenig W, Muller-Nurasyid M, Peters A, Boehm BO, Kleber ME, Marz W, Winkelmann BR, Kuusisto J, Laakso M, Arveiler D, Cesana G, Kuulasmaa K, Virtamo J, Yarnell JW, Kuh D, Wong A, Lind L, de FU, Gigante B, Magnusson PK, Pedersen NL, Dedoussis G, Dimitriou M, Kolovou G, Kanoni S, Stirrups K, Bonnycastle LL, Njolstad I, Wilsgaard T, Ganna A, Rehnberg E, Hingorani A, Kivimaki M, Kumari M, Assimes TL, Barroso I, Boehnke M, Borecki IB, Deloukas P, Fox CS, Frayling T, Groop LC, Haritunians

- T, Hunter D, Ingelsson E, Kaplan R, Mohlke KL, O'Connell JR, Schlessinger D, Strachan DP, Stefansson K: Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. *PLoS. Genet.* 9:e1003500, 2013. [\[Pub-Med\]](#)
13. Stöckl D, Döring A, Thorand B, Heier M, Peters A, Lamina C, Kronenberg F, Meisinger C: Reproductive factors and its association with peripheral arterial disease in women aged 52-81 years: The KORA F4 study. *Atherosclerosis* 228:224-229, 2013. [\[Pub-Med\]](#)
14. Dastani Z, Johnson T, Kronenberg F, Nelson CP, Assimes TL, März W, CARDIoGRAM Consortium, ADIPOGen Consortium, Richards JB: The shared allelic architecture of adiponectin levels and coronary artery disease. *Atherosclerosis* 229:145-148, 2013. [\[Pub-Med\]](#)
15. de Araujo ME, Erhart G, Buck K, Muller-Holzner E, Hubalek M, Fiegl H, Campa D, Canzian F, Eilber U, Chang-Claude J, Coassin S, Haun M, Kedenko L, Paulweber B, Reitsamer R, Himmel I, Flesch-Janys D, Lamina C, Kronenberg F, Huber LA, Kloss-Brandstätter A: Polymorphisms in the Gene Regions of the Adaptor Complex LAMTOR2/LAMTOR3 and Their Association with Breast Cancer Risk. *PLoS One.* 8:e53768, 2013. [\[Pub-Med\]](#)
16. Lanthaler B, Steichen-Gersdorf E, Kollerits B, Zschocke J, Witsch-Baumgartner M: Maternal ABCA1 genotype is associated with severity of Smith-Lemli-Opitz Syndrome and with viability of patients homozygous for null mutations. *Eur. J. Hum. Genet.* 21:286-293, 2013. [\[Pub-Med\]](#)
17. Melmer A, Lamina C, Tschoner A, Röss C, Kaser S, Laimer M, Sandhofer A, Paulweber B, Ebenbichler CF: Body Adiposity Index and other indexes of body composition in the SAPHIR study: association with cardiovascular risk factors. *Obesity* 21:775-781, 2013. [\[Pub-Med\]](#)
18. Kraft HG, Lamina C, Kluckner T, Wild C, Prodinge WM: Paradise lost or paradise regained? Changes in admission system affect academic performance and drop-out rates of medical students. *Med Teach.* 35:e1123-e1129, 2013. [\[Pub-Med\]](#)
19. Vimalaswaran KS, Berry DJ, Lu C, Tikkanen E, Pilz S, Hiraki LT, Cooper JD, Dastani Z, Li R, Houston DK, Wood AR, Michaelsson K, Vandenput L, Zgaga L, Yerges-Armstrong LM, McCarthy MI, Dupuis J, Kaakinen M, Kleber ME, Jameson K, Arden N, Raitakari O, Viikari J, Lohman KK, Ferrucci L, Melhus H, Ingelsson E, Byberg L, Lind L, Lorentzon M, Salomaa V, Campbell H, Dunlop M, Mitchell BD, Herzig KH, Pouta A, Hartikainen AL, the GIANT Consortium (collaborator: Lamina C), Streeten EA, Theodoratou E, Jula A, Wareham NJ, Ohlsson C, Frayling TM, Kritchevsky SB, Spector TD, Richards JB, Lehtimäki T, Ouwehand WH, Kraft P, Cooper C, März W, Power C, Loos RJ, Wang TJ, Jarvelin MR, Whittaker JC, Hingorani AD, Hyppönen E: Causal relationship between obesity and vitamin D status: bi-directional Mendelian randomization analysis of multiple cohorts. *PLoS Med* 10:e1001383, 2013. [\[Pub-Med\]](#)
20. Lethaus B, Weigl S, Kloss-Brandstätter A, Kloss FR, Kessler P, Holzle F, Bangard C: Looking for landmarks in medial orbital trauma surgery. *Int. J. Oral Maxillofac. Surg.* 42:209-213, 2013. [\[Pub-Med\]](#)
21. Lethaus B, Poort L, Yamauchi K, Kloss-Brandstätter A, Boeckmann R, Kessler P: Qualitative bone CT as a tool to assess vascularization in irradiated bone: an animal study. *Clin. Oral Implants. Res.* 24:746-749, 2013. [\[Pub-Med\]](#)
22. Yaghootkar H, Lamina C, Scott RA, Dastani Z, Hivert MF, Warren LL, Stancakova A, Buxbaum SG, Lytikainen LP, Henneman P, Wu Y, Cheung CY, Pankow JS, Jackson AU, Gustafsson S, Zhao JH, Ballantyne CM, Xie W, Bergman RN, Boehnke M, El BF, Collins FS, Dunn SH, Dupuis J, Forouhi NG, Gillson C, Hattersley AT, Hong J, Kahonen M, Kuusisto J, Kedenko L, Kronenberg F, Doria A, Assimes TL, Ferrannini E, Hansen T, Hao K, Haring H, Knowles JW, Lindgren CM, Nolan JJ, Paananen J, Pedersen O, Quertermous T, Smith U, Lehtimäki T, Liu CT, Loos RJ, McCarthy MI, Morris AD, Vasan RS, Spector TD, Teslovich TM, Tuomilehto J, Willems van DK, Viikari JS, Zhu N, Langenberg C, Ingelsson E, Semple RK, Sinaiko AR, Palmer CN, Walker M, Lam KS, Paulweber B, Mohlke KL, van DC, Raitakari OT, Bidulescu A, Wareham NJ, Laakso M, Waterworth DM, Lawlor DA, Meigs JB, Richards JB, Frayling TM: Mendelian Randomisation Studies Do Not Support a Causal Role for

- Reduced Circulating Adiponectin Levels in Insulin Resistance and Type 2 Diabetes. *Diabetes* 62:3589-3598, 2013. [\[Pub-Med\]](#)
23. Hu YJ, Berndt SI, Gustafsson S, Ganna A, Genetic Investigation of ANthropometric Traits (GIANT) Consortium, Hirschhorn J, North KE, Ingelsson E, Lin DY: Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. *Am. J. Hum. Genet.* 93:236-248, 2013. [\[Pub-Med\]](#)
24. Paul K, Kretzschmar D, Yilmaz A, Barthlein B, Titze S, Wolf G, Busch M, GCKD-Study Investigators: Circulating dendritic cell precursors in chronic kidney disease: a cross-sectional study. *BMC Nephrol.* 14:274, 2013. [\[Pub-Med\]](#)
25. Dieplinger B, Egger M, Gabriel C, Poelz W, Morandell E, Seeber B, Kronenberg F, Haltmayer M, Mueller T, Dieplinger H: Analytical characterization and clinical evaluation of an enzyme-linked immunosorbent assay for measurement of afamin in human plasma. *Clin. Chim. Acta* 425C: 236-241, 2013. [\[Pub-Med\]](#)
26. Wagner R, Thorand B, Osterhoff MA, Muller G, Bohm A, Meisinger C, Kowall B, Rathmann W, Kronenberg F, Staiger H, Stefan N, Roden M, Schwarz PE, Pfeiffer AF, Haring HU, Fritsche A: Family history of diabetes is associated with higher risk for prediabetes: a multicentre analysis from the German Center for Diabetes Research. *Diabetologia* 56:2176-2180, 2013. [\[Pub-Med\]](#)
27. Shlipak MG, Matsushita K, Arnlov J, Inker LA, Katz R, Polkinghorne KR, Rothenbacher D, Sarnak MJ, Astor BC, Coresh J, Levey AS, Gansevoort RT, for the CKD Prognosis Consortium: Cystatin C versus creatinine in determining risk based on kidney function. *N. Engl. J. Med.* 369:932-943, 2013. [\[Pub-Med\]](#)
28. Thun GA, Imboden M, Ferrarotti I, Kumar A, Obeidat M, Zorzetto M, Haun M, Curjuric I, Couto AA, Jackson VE, Albrecht E, Ried JS, Teumer A, Lopez LM, Huffman JE, Enroth S, Bosse Y, Hao K, Timens W, Gyllenstein U, Polasek O, Wilson JF, Rudan I, Hayward C, Sandford AJ, Deary IJ, Koch B, Reischl E, Schulz H, Hui J, James AL, Rochat T, Russi EW, Jarvelin MR, Strachan DP, Hall IP, Tobin MD, Dahl M, Fallgaard NS, Nordestgaard BG, Kronenberg F, Luisetti M, Probst-Hensch NM: Causal and Synthetic Associations of Variants in the SERPINA Gene Cluster with Alpha1-antitrypsin Serum Levels. *PLoS. Genet.* 9:e1003585, 2013. [\[Pub-Med\]](#)
29. Evans DM, Brion MJ, Paternoster L, Kemp JP, McMahon G, Munafo M, Whitfield JB, Medland SE, Montgomery GW, GIANT Consortium; CRP Consortium; TAG Consortium, Timpson NJ, St PB, Lawlor DA, Martin NG, Dehghan A, Hirschhorn J, Davey SG: Mining the human phenome using allelic scores that index biological intermediates. *PLoS. Genet.* 9:e1003919, 2013. [\[Pub-Med\]](#)
30. Kim BJ, Lee YS, Lee SY, Park SY, Dieplinger H, Yea K, Lee SH, Koh JM, Kim GS: Afamin stimulates osteoclastogenesis and bone resorption via Gi-coupled receptor and Ca²⁺/calmodulin-dependent protein kinase (CaMK) pathways. *J. Endocrinol. Invest* 36:876-882, 2013. [\[Pub-Med\]](#)
31. Parsa A, Fuchsberger C, Kottgen A, O'Seaghdha CM, Pattaro C, de AM, Chasman DI, Teumer A, Endlich K, Olden M, Chen MH, Tin A, Kim YJ, Taliun D, Li M, Feitosa M, Gorski M, Yang Q, Hundertmark C, Foster MC, Glazer N, Isaacs A, Rao M, Smith AV, O'Connell JR, Struchalin M, Tanaka T, Li G, Hwang SJ, Atkinson EJ, Lohman K, Cornelis MC, Johansson A, Tonjes A, Dehghan A, Couraki V, Holliday EG, Sorice R, Kutalik Z, Lehtimaki T, Esko T, Deshmukh H, Ulivi S, Chu AY, Murgia F, Trompet S, Imboden M, Kollerits B, Pistis G, Harris TB, Launer LJ, Aspelund T, Eiriksdottir G, Mitchell BD, Boerwinkle E, Schmidt H, Hofer E, Hu F, Demirkan A, Oostra BA, Turner ST, Ding J, Andrews JS, Freedman BI, Giulianini F, Koenig W, Illig T, Doring A, Wichmann HE, Zgaga L, Zemunik T, Boban M, Minelli C, Wheeler HE, Igl W, Zaboli G, Wild SH, Wright AF, Campbell H, Ellinghaus D, Nothlings U, Jacobs G, Biffar R, Ernst F, Homuth G, Kroemer HK, Nauck M, Stracke S, Volker U, Volzke H, Kovacs P, Stumvoll M, Magi R, Hofman A, Uitterlinden AG, Rivadeneira F, Aulchenko YS, Polasek O, Hastie N, Vitart V, Helmer C, Wang JJ, Stengel B, Ruggiero D, Bergmann S, Kahonen M, Viikari J, Nikopensius T, Province M, Colhoun H, Doney A, Robino A, Kramer BK, Portas L, Ford I, Buckley BM, Adam M, Thun GA, Paulweber B, Haun M, Sala C, Mitchell P, Ciullo M, Vollenweider P, Raitakari O, Metspalu A, Palmer C, Gasparini P, Pirastu M, Jukema JW, Probst-Hensch NM, Kronenberg F, Toniolo D, Gudnason V, Shuldiner AR, Coresh J, Schmidt R, Ferrucci L, Van Duijn CM,

- Borecki I, Kardia SL, Liu Y, Curhan GC, Rudan I, Gyllensten U, Wilson JF, Franke A, Pramstaller PP, Rettig R, Prokopenko I, Witteman J, Hayward C, Ridker PM, Bochud M, Heid IM, Siscovick DS, Fox CS, Kao WL, Boger CA: Common Variants in Mendelian Kidney Disease Genes and Their Association with Renal Function. *J. Am. Soc. Nephrol.* 24:2105-2117, 2013. [\[Pub-Med\]](#)
32. Kress M, Hüttenhofer A, Landry M, Kuner R, Favereaux A, Greenberg D, Bednarik J, Heppenstall P, Kronenberg F, Malcangio M, Rittner H, Üceyler N, Trajanoski Z, Mouritzen P, Birklein F, Sommer C, Soreq H: microRNAs in nociceptive circuits as predictors of future clinical applications. *Front Mol. Neurosci.* 6:33, 2013. [\[Pub-Med\]](#)
33. Schönherr S, Specht G: Big data in genetics. 87-90, 2013. In: Barden M, Ostermann A, eds. Scientific Computing @ uibk. Innsbruck university press, Innsbruck, 2013: 87-90. [Book chapter].
34. Thorgeirsson TE, Gudbjartsson DF, Sulem P, Besenbacher S, Styrkarsdottir U, Thorleifsson G, Walters GB, TAG Consortium, Oxford-GSK Consortium, ENGAGE Consortium (collaborator: Lamina C), Furberg H, Sullivan PF, Marchini J, McCarthy MI, Steinthorsdottir V, Thorsteinsdottir U, Stefansson K: A common biological basis of obesity and nicotine addiction. *Transl. Psychiatry* 3:e308, 2013. [\[Pub-Med\]](#)
35. Kidney Disease: Improving GlobalOutcomes (KDIGO) Lipid Work Group (Wanner C, Tonelli M, Cass A, Garg AX, Holdaas H, Jardine AG, Jiang L, Kronenberg F, Parekh RS, Shoji T, Shoji T, Walker RJ): KDIGO Clinical Practice Guideline for Lipid Management in Chronic Kidney Disease. *Kidney Int. Suppl.* 3:259-305, 2013.
36. Matsushita K, Ballew SH, Astor BC, Jong PE, Gansevoort RT, Hemmelgarn BR, Levey AS, Levin A, Wen CP, Woodward M, Coresh J, Chronic Kidney Disease Prognosis Consortium: Cohort profile: the Chronic Kidney Disease Prognosis Consortium. *Int. J. Epidemiol.* 42:1660-1668, 2013. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2012

* Authors contributed equally

1. Murabito JM*, White CC*, Kavousi M*, Sun YY*, 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 HM, 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, Kiemeny LA, Kolcic I, Kullo IJ, Kritchevsky SB, Lackner KJ, Li X, Lieb W, Lohman K, Meisinger C, Melzer D, Mohler ER, III, 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 GJ, Herrington D, Kardia SL, Mitchell BD, Murray A, Munzel T, Newman A, 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. *Circulation: Cardiovascular Genetics* 5:100-112, 2012. [\[Pub-Med\]](#)

2. Kollerits B, Krane V, Drechsler C, Lamina C, März W, Ritz E, Wanner C, Kronenberg F: Apolipoprotein A-IV concentrations and clinical outcomes in hemodialysis patients with type 2 diabetes mellitus from the 4D Study - a post hoc analysis. **J. Intern. Med.** 272:592-600, 2012. [\[Pub-Med\]](#)
3. Böger CA, Kronenberg F: How healthy are your vessels? - Check your urine! **Atherosclerosis** 220:38-41, 2012. [Editorial] [\[Pub-Med\]](#)
4. Lamina C, Sturm G, Kollerits B, Kronenberg F: Visualizing interaction effects: A proposal for presentation and interpretation. **J. Clin. Epidemiol.** 65:855-62, 2012 [\[Pub-Med\]](#)
5. Kloss-Brandstätter A, Erhart G, Lamina C, Meister B, Haun M, Coassin S, Seifert M, Klein-Franke A, Paulweber B, Kedenko L, Kollerits B, Swinkels DW, Vermeulen SH, Galesloot TE, Kronenberg F, Weiss G: Candidate Gene Sequencing of SLC11A2 and TMPRSS6 in a Family with Severe Anaemia: Common SNPs, Rare Haplotypes, No Causative Mutation. **PLoS One.** 7:e35015, 2012. [\[Pub-Med\]](#)
6. Schönherr S*, Forer L*, Weißensteiner H, Kronenberg F, Specht G, Kloss-Brandstätter A: Cloudgene: a graphical execution platform for MapReduce programs on private and public clouds. **BMC Bioinformatics** 13:200, 2012. [\[Pub-Med\]](#)
7. Kedenko L*, Lamina C*, Kiesslich T, Kapur K, Bergmann S, Waterworth D, Heid IM, Wichmann HE, Kedenko I, Kronenberg F*, Paulweber B*: Genetic Polymorphisms of the Main Transcription Factors for Adiponectin Gene Promoter in Regulation of Adiponectin Levels: Association Analysis in Three European Cohorts. **PLoS One.** 7:e52497, 2012. [\[Pub-Med\]](#)
8. Dastani Z*, Hivert MF*, Timpson N*, Perry JR*, Yuan X*, Scott RA*, Henneman P*, Heid IM*, Kizer JR*, Lyytikäinen LP*, Fuchsberger C*, Tanaka T, Morris AP, Small K, Isaacs A, Beekman M, Coassin S, Lohman K, Qi L, Kanoni S, Pankow JS, Uh HW, Wu Y, Bidulescu A, Rasmussen-Torvik LJ, Greenwood CM, Ladouceur M, Grimsby J, Manning AK, Liu CT, Kooner J, Mooser VE, Vollenweider P, Kapur KA, Chambers J, Wareham NJ, Langenberg C, Frants R, Willems-Vandijk K, Oostra BA, Willems SM, Lamina C, Winkler TW, Psaty BM, Tracy RP, Brody J, Chen I, Viikari J, Kahonen M, Pramstaller PP, Evans DM, St. Pourcain B, Sattar N, Wood AR, Bandinelli S, Carlson OD, Egan JM, Bohringer S, van Heemst D, Kedenko L, Kristiansson K, Nuotio ML, Loo BM, Harris T, Garcia M, Kanaya A, Haun M, Klopp N, Wichmann HE, Deloukas P, Katsareli E, Couper DJ, Duncan BB, Kloppenburg M, Adair LS, Borja JB, Wilson JG, Musani S, Guo X, Johnson T, Semple R, Teslovich TM, Allison MA, Redline S, Buxbaum SG, Mohlke KL, Meulenbelt I, Ballantyne CM, Dedoussis GV, Hu FB, Liu Y, Paulweber B, Spector TD, Slagboom PE, Ferrucci L, Jula A, Perola M, Raitakari O, Florez JC, Salomaa V*, Eriksson JG*, Frayling TM*, Hicks AA*, Lehtimäki T*, Smith GD*, Siscovick DS*, Kronenberg F*, van Duijn C*, Loos RJ*, Waterworth DM*, Meigs JB*, Dupuis J*, Richards JB*: Novel Loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. **PLoS Genet.** 8:e1002607, 2012. [\[Pub-Med\]](#)
9. 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, Leach IM, Brown-Gentry K, Goodloe R, Assimes TL, Becker DM, Cooke JP, Absher DM, Olin JW, Mitchell BD, Reilly MP, Mohler ER III*, 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** 222:138-147, 2012. [\[Pub-Med\]](#)
10. Lamina C, Forer L, Schönherr S, Kollerits B, Ried JS, Gieger C, Peters A, Wichmann HE, Kronenberg F: Evaluation of gene-obesity interaction effects on cholesterol levels: A genetic predisposition score on HDL-cholesterol is modified by obesity. **Atherosclerosis** 225:363-369, 2012. [\[Pub-Med\]](#)

11. Frischmann ME, Ikewaki K, Trenkwalder E, Lamina C, Dieplinger B, Soufi M, Schweer H, Schaefer JR, König P, Kronenberg F, Dieplinger H: In vivo stable-isotope kinetic study suggests intracellular assembly of lipoprotein(a). *Atherosclerosis* 225:322-327, 2012. [\[Pub-Med\]](#)
12. Knoll F*, Sturm G*, Lamina C, Zitt E, Lins F, Freistätter O, Kronenberg F, Lhotta K, Neyer U: Coumarins and survival in incident dialysis patients. *Nephrology, Dialysis, Transplantation* 27:332-337, 2012. [\[Pub-Med\]](#)
13. Kronenberg F, Utermann G: Lipoprotein(a): Reloaded. *Current Cardiovascular Risk Reports* 6:12-20, 2012. [Review]
14. Eckardt KU, Barthlein B, Baid-Agrawal S, Beck A, Busch M, Eitner F, Ekici AB, Floege J, Gefeller O, Haller H, Hilge R, Hilgers KF, Kielstein JT, Krane V, Kottgen A, Kronenberg F, Oefner P, Prokosch HU, Reis A, Schmid M, Schaeffner E, Schultheiss UT, Seuchter SA, Sitter T, Sommerer C, Walz G, Wanner C, Wolf G, Zeier M, Titze S: The German Chronic Kidney Disease (GCKD) study: design and methods. *Nephrol. Dial. Transplant.* 27:1454-1460, 2012. [\[Pub-Med\]](#)
15. Petersen AK, Stark K, Musameh MD, Nelson CP, Romisch-Margl W, Kremer W, Raffler J, Krug S, Skurk T, Rist MJ, Daniel H, Hauner H, Adamski J, Tomaszewski M, Doring A, Peters A, Wichmann HE, Kaess BM, Kalbitzer HR, Huber F, Pfahlert V, Samani NJ, Kronenberg F, Dieplinger H, Illig T, Hengstenberg C, Suhre K, Gieger C, Kastenmuller G: Genetic Associations with Lipoprotein Subfractions Provide Information on their Biological Nature. *Human Molecular Genetics* 21:1433-1443, 2012. [\[Pub-Med\]](#)
16. Lethaus B, Safi Y, Poort Ter LM, Kloss-Brandstätter A, Banki F, Robbenmenke C, Steinseifer U, Kessler P: Cranioplasty with customized titanium and PEEK implants in a mechanical stress model. *J. Neurotrauma* 29:1077-1083, 2012. [\[Pub-Med\]](#)
17. Thun GA, Ferrarotti I, Imboden M, Rochat T, Gerbase M, Kronenberg F, Bridevaux P-O, Zemp E, Zorzetto M, Ottaviani S, Russi EW, Luisetti M, Probst-Hensch NM: *SERPINA1* P1Z and P1S heterozygotes and lung function decline in the SAPALDIA Cohort. *PLoS One* 7: e42728, 2012. [\[Pub-Med\]](#)
18. 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.* 129:1218-1228, 2012. [\[Pub-Med\]](#)
19. Landmann E, Kollerits B, Kreuder JG, Blum WF, Kronenberg F, Rudloff S: Influence of polymorphisms in genes encoding for Insulin-like Growth Factor (IGF)-I, Insulin, and IGF-Binding Protein (IGFBP)-3 on IGF-I, IGF-II, and IGFBP-3 levels in umbilical cord plasma. *Hormone Research in Pediatrics* 77:341-350, 2012. [\[Pub-Med\]](#)
20. Pattaro C*, Köttgen A*, Teumer A*, Garnaas M*, Böger CA*, Fuchsberger C, Olden M, Chen MH, Tin A, Taliun D, Li M, Gao X, Gorski M, Yang Q, Hundertmark C, Foster MC, O'Seaghdha CM, Glazer N, Isaacs A, Liu CT, Smith AV, O'Connell JR, Struchalin M, Tanaka T, Li G, Johnson AD, Gierman HJ, Feitosa M, Hwang SJ, Atkinson EJ, Lohman K, Cornelis MC, Johansson A, Tonjes A, Dehghan A, Chouraki V, Holliday EG, Sorice R, Kutalik Z, Lehtimäki T, Esko T, Deshmukh H, Ulivi S, Chu AY, Murgia F, Trompet S, Imboden M, Kollerits B, Pistis G, Harris TB, Launer LJ, Aspelund T, Eiriksdottir G, Mitchell BD, Boerwinkle E, Schmidt H, Cavalieri M, Rao M, Hu FB, Demirkan A, Oostra BA, de Andrade M, Turner ST, Ding J, Andrews JS, Freedman BI, Koenig W, Illig T, Döring A, Wichmann HE, Kolcic I, Zemunik T, Boban M, Minelli C, Wheeler HE, Igl W, Zaboli G, Wild SH, Wright AF, Campbell H, Ellinghaus D, Nothlings U, Jacobs G, Biffar R, Endlich K, Ernst F, Homuth G, Kroemer HK, Nauck M, Stracke S, Volker U, Volzke H, Kovacs P, Stumvoll M, Magi R, Hofman A, Uitterlinden AG, Rivadeneira F, Aulchenko YS, Polasek O, Hastie N, Vitart V, Helmer C, Wang JJ, Ruggiero D, Bergmann S, Kahonen M, Viikari J, Nikopensius T, Province M, Ketkar S, Colhoun H, Doney A, Robino A, Giulianini F, Kramer BK, Portas L, Ford I, Buckley BM, Adam M, Thun GA, Paulweber B,

- Haun M, Sala C, Metzger M, Mitchell P, Ciullo M, Kim SK, Vollenweider P, Raitakari O, Metspalu A, Palmer C, Gasparini P, Pirastu M, Jukema JW, Probst-Hensch NM, Kronenberg F, Toniolo D, Gudnason V, Shuldiner AR, Coresh J, Schmidt R, Ferrucci L, Siscovick DS, Van Duijn CM, Borecki I, Kardia SL, Liu Y, Curhan GC, Rudan I, Gyllensten U, Wilson JF, Franke A, Pramstaller PP, Rettig R, Prokopenko I, Witteman JC, Hayward C, Ridker P, Parsa A, Bochud M, Heid IM, Goessling W, Chasman DI, Kao WH, Fox CS: Genome-wide association and functional follow-up reveals new Loci for kidney function. *PLoS Genet.* 8:e1002584, 2012. [\[Pub-Med\]](#)
21. Matsushita K, Mahmoodi BK, Woodward M, Emberson JR, Jafar TH, Jee SH, Polkinghorne KR, Shankar A, Smith DH, Tonelli M, Warnock DG, Wen CP, Coresh J, Gansevoort RT, Hemmelgarn BR, Levey AS, for the Chronic Kidney Disease Prognosis Consortium: Comparison of risk prediction using the CKD-EPI equation and the MDRD study equation for estimated glomerular filtration rate. *JAMA* 307:1941-1951, 2012. [\[Pub-Med\]](#)
22. Curjuric I, Imboden M, Nadir R, Kumar A, Schindler C, Haun M, Kronenberg F, Kunzli N, Phuleria H, Postma DS, Russi EW, Rochat T, Demenais F, Probst-Hensch NM: Different genes interact with particulate matter and tobacco smoke exposure in affecting lung function decline in the general population. *PLoS One* 7:e40175, 2012. [\[Pub-Med\]](#)
23. Fox CS, Matsushita K, Woodward M, Biló HJ, Chalmers J, Heerspink HJ, Lee BJ, Perkins RM, Rossing P, Sairenchi T, Tonelli M, Vassalotti JA, Yamagishi K, Coresh J, De Jong PE, Wen CP, Nelson RG, Chronic Kidney Disease Prognosis Consortium: Associations of kidney disease measures with mortality and end-stage renal disease in individuals with and without diabetes: a meta-analysis. *Lancet* 380:1662-1673, 2012. [\[Pub-Med\]](#)
24. Mahmoodi BK, Matsushita K, Woodward M, Blankestijn PJ, Cirillo M, Ohkubo T, Rossing P, Sarnak MJ, Stengel B, Yamagishi K, Yamashita K, Zhang L, Coresh J, De Jong PE, Astor BC, Chronic Kidney Disease Prognosis Consortium: Associations of kidney disease measures with mortality and end-stage renal disease in individuals with and without hypertension: a meta-analysis. *Lancet* 380:1649-1661, 2012. [\[Pub-Med\]](#)
25. Chasman DI, Fuchsberger C, Pattaro C, Teumer A, Böger CA, Endlich K, Olden M, Chen MH, Tin A, Taliun D, Li M, Gao X, Gorski M, Yang Q, Hundertmark C, Foster MC, O'Seaghdha CM, Glazer N, Isaacs A, Liu CT, Smith AV, O'Connell JR, Struchalin M, Tanaka T, Li G, Johnson AD, Gierman HJ, Feitosa MF, Hwang SJ, Atkinson EJ, Lohman K, Cornelis MC, Johansson A, Tonjes A, Dehghan A, Lambert JC, Holliday EG, Sorice R, Kutalik Z, Lehtimäki T, Esko T, Deshmukh H, Ulivi S, Chu AY, Murgia F, Trompet S, Imboden M, Coassin S, Pistis G, Harris TB, Launer LJ, Aspelund T, Eiriksdóttir G, Mitchell BD, Boerwinkle E, Schmidt H, Cavalieri M, Rao M, Hu F, Demirkan A, Oostra BA, de Andrade M, Turner ST, Ding J, Andrews JS, Freedman BI, Giulianini F, Koenig W, Illig T, Meisinger C, Gieger C, Zgaga L, Zemunik T, Boban M, Minelli C, Wheeler HE, Igl W, Zaboli G, Wild SH, Wright AF, Campbell H, Ellinghaus D, Nothlings U, Jacobs G, Biffar R, Ernst F, Homuth G, Kroemer HK, Nauck M, Stracke S, Volker U, Volzke H, Kovacs P, Stumvoll M, Magi R, Hofman A, Uitterlinden AG, Rivadeneira F, Aulchenko YS, Polasek O, Hastie N, Vitart V, Helmer C, Wang JJ, Stengel B, Ruggiero D, Bergmann S, Kahonen M, Viikari J, Nikopensius T, Province M, Ketkar S, Colhoun H, Doney A, Robino A, Kramer BK, Portas L, Ford I, Buckley BM, Adam M, Thun GA, Paulweber B, Haun M, Sala C, Mitchell P, Ciullo M, Kim SK, Vollenweider P, Raitakari O, Metspalu A, Palmer C, Gasparini P, Pirastu M, Jukema JW, Probst-Hensch NM, Kronenberg F, Toniolo D, Gudnason V, Shuldiner AR, Coresh J, Schmidt R, Ferrucci L, Siscovick DS, Van Duijn CM, Borecki IB, Kardia SL, Liu Y, Curhan GC, Rudan I, Gyllensten U, Wilson JF, Franke A, Pramstaller PP, Rettig R, Prokopenko I, Witteman J, Hayward C, Ridker PM, Parsa A, Bochud M, Heid IM, Kao WL, Fox CS, Kottgen A: Integration of Genome-Wide Association Studies with Biological Knowledge Identifies Six Novel Genes Related to Kidney Function. *Hum. Mol. Genet.* 21:5329-5343, 2012. [\[Pub-Med\]](#)
26. Morak M, Schmidinger H, Riesenhuber GN, Rechberger G, Kollroser M, Haemmerle G, Zechner R, Kronenberg F, Hermetter A: ATGL and HSL deficiencies affect expression of lipolytic activities in mouse adipose tissues. *Mol. Cell Proteomics.* 11:1777-1789, 2012. [\[Pub-Med\]](#)

27. Pallua JD, Pezzei C, Zelger B, Schaefer G, Bittner LK, Huck-Pezzei VA, Schoenbichler SA, Hahn H, [Kloss-Brandstätter A](#), Kloss F, Bonn GK, Huck CW: Fourier transform infrared imaging analysis in discrimination studies of squamous cell carcinoma. *Analyst* 137:3965-3974, 2012. [\[Pub-Med\]](#)
28. Okada Y, Sim X, Go MJ, Wu JY, Gu D, Takeuchi F, Takahashi A, Maeda S, Tsunoda T, Chen P, Lim SC, Wong TY, Liu J, Young TL, Aung T, Seielstad M, Teo YY, Kim YJ, Lee JY, Han BG, Kang D, Chen CH, Tsai FJ, Chang LC, Fann SJ, Mei H, Rao DC, Hixson JE, Chen S, Katsuya T, Isono M, Ogihara T, Chambers JC, Zhang W, Kooner JS, KidneyGen Consortium, [CKDGen Consortium](#), Albrecht E, GUGC Consortium, Yamamoto K, Kubo M, Nakamura Y, Kamatani N, Kato N, He J, Chen YT, Cho YS, Tai ES, Tanaka T: Meta-analysis identifies multiple loci associated with kidney function-related traits in east Asian populations. *Nat. Genet.* 44:904-909, 2012. [\[Pub-Med\]](#)
29. Ellis JW, Chen MH, Foster MC, Liu CT, Larson MG, de B, I, Kottgen A, Parsa A, Bochud M, Boger CA, Kao L, Fox CS, O'Seaghdha CM, [CKDGen Consortium](#); CARE Renal Consortium: Validated SNPs for eGFR and their associations with albuminuria. *Hum. Mol. Genet.* 21:3293-3298, 2012. [\[Pub-Med\]](#)
30. Hallan SI, Matsushita K, Sang Y, Mahmoodi BK, Black C, Ishani A, Kleefstra N, Naimark D, Roderick P, Tonelli M, Wetzels JF, Astor BC, Gansevoort RT, Levin A, Wen CP, Coresh J, [Chronic Kidney Disease Prognosis Consortium](#): Age and association of kidney measures with mortality and end-stage renal disease. *JAMA* 308:2349-2360, 2012. [\[Pub-Med\]](#)
31. Finkenstedt A, Widschwendter A, Brasse-Lagnel CG, Theurl I, Hubalek M, [Dieplinger H](#), Tselepis C, Ward DG, Vogel W, Zoller H: Hepcidin is correlated to soluble hemojuvelin but not to increased GDF15 during pregnancy. *Blood Cells Mol. Dis.* 48:233-237, 2012. [\[Pub-Med\]](#)
32. Klarica J, [Kloss-Brandstätter A](#), Traugott M, Juen A: Comparing four mitochondrial genes in earthworms - Implications for identification, phylogenetics, and discovery of cryptic species. *Soil Biology & Biochemistry* 45:23-30, 2012.
33. Pallua JD, Pezzei C, Schäfer G, Zelger B, Brunner A, [Kloss-Brandstätter A](#), Kloss F, Klocker H, Bartsch G, Huck-Pezzei VA, Schönbichler SA, Bittner LK, Bonn GK, Huck CW: Advanced vibrational spectroscopic imaging of human tissue in life science. *Current Proteomics* 9:132-142, 2012.
34. Kim BJ, Lee YS, Lee SY, Park SY, [Dieplinger H](#), Ryu SH, Yea K, Choi S, Lee SH, Koh JM, Kim GS: Afamin secreted from nonresorbing osteoclasts acts as a chemokine for preosteoblasts via the Akt-signaling pathway. *Bone* 51:431-440, 2012. [\[Pub-Med\]](#)
35. [Kronenberg F](#): Metabolic traits as intermediate phenotypes. In: Suhre K, ed. Genetics meets metabolomics. From experiment to systems biology. New York: Springer, 2012:255-64. [Book chapter]
36. [Coassin S](#), [Kloss-Brandstätter A](#), [Kronenberg F](#): Bioinformatic tools for the search of disease-associated variations. In: Trajanoski Z, ed. Computational Medicine. Wien: Springer-Verlag, 2012:1-25. [Book chapter]
37. [Forer L](#), [Schönherr S](#), [Weißensteiner H](#), [Specht G](#), [Kronenberg F](#), [Kloss-Brandstätter A](#): Cloud computing: bringing computational power to medical genetics. In: Trajanoski Z, ed. Computational Medicine. Wien: Springer-Verlag, 2012:27-36. [Book chapter]
38. [Dieplinger B](#), [Dieplinger H](#): New insights into the assembly and metabolism of apoB-containing lipoproteins from in vivo kinetic studies: results on healthy subjects and patients with chronic kidney disease. In: Frank S, Kostner G, eds. Lipoproteins - Role in health and diseases. InTech - Open Access Company, 2012:21-44. [Book chapter] [\[Full text\]](#)

[\[top\]](#)

Publications 2011

* Authors contributed equally

1. Kloss-Brandstätter A, Pacher D, Schönherr S, Weissensteiner H, Binna R, Specht G, Kronenberg F: HaploGrep: a fast and reliable algorithm for automatic classification of mitochondrial DNA haplogroups. *Human Mutation* 32:25-32, 2011. [\[Pub-Med\]](#)
2. Gouya G*, Sturm G*, Lamina C, Zitt E, Freistätter O, Struck J, Wolzt M, Knoll F, Lins F, Lhotta K, Neyer U, Kronenberg F: The association of mid-regional pro-adrenomedullin and mid-regional pro-atrial natriuretic peptide with mortality in an incident dialysis cohort. *PLoS One* 6:e17803, 2011. [\[Pub-Med\]](#)
3. Suhre K, Wallaschofski H, Raffler J, Friedrich N, Haring R, Michael K, Wasner C, Krebs A, Kronenberg F, Chang D, Meisinger C, Wichmann HE, Hoffmann W, Völzke H, Völker U, Teumer A, Biffar R, Kocher T, Felix SB, Illig T, Kroemer HK, Gieger C, Römisch-Margl W, Nauck M: A genome-wide association study of metabolic traits in human urine. *Nature Genetics* 43:565-569, 2011. [\[Pub-Med\]](#)
4. Sturm G, Lamina C, Zitt E, Lhotta K, Haider F, Neyer U, Kronenberg F: Association of HbA1c values with mortality and cardiovascular events in diabetic dialysis patients. The INVOR Study and review of the literature. *PLoS One*. 6:e20093, 2011. [\[Pub-Med\]](#)
5. Lamina C: Digging into the Extremes: A useful approach for the analysis of rare variants with continuous traits? *BMC Proceedings* 5 (Suppl. 9): S105, 2011. [\[Pub-Med\]](#)
6. De Francisco ALM, Kim J, Anker SD, Belozeroff V, Canaud B, Chazot C, Drüeke TB, Eckardt KU, Floege J, Kronenberg E, Macdougall IC, Marcelli D, Molemans B, Passlick-Deetjen J, Schernthaner G, Stenvinkel P, Wheeler DC, Fouqueray B, Aljama P: An epidemiological study of hemodialysis patients based on the European Fresenius Medical Care Hemodialysis Network: Results of the ARO Study. *Nephron Clinical Practice* 118:c143-c154, 2011. [\[Pub-Med\]](#)
7. Floege J, Kim J, Ireland E, Chazot C, Drueke T, de Francisco A, Kronenberg F, Marcelli D, Passlick-Deetjen J, Schernthaner G, Fouqueray B, Wheeler DC, on behalf of the ARO Investigators: Serum iPTH, calcium and phosphate and the risk of mortality in a European hemodialysis population. *Nephrology, Dialysis, Transplantation* 26:1948-1955, 2011. [\[Pub-Med\]](#)
8. Mittelstrass K, Ried JS, Yu Z, Krumsiek J, Gieger C, Prehn C, Roemisch-Margl W, Polonikov A, Peters A, Theis FJ, Meitinger T, Kronenberg E, Weidinger S, Wichmann HE, Suhre K, Wang-Sattler R, Adamski J, Illig T: Discovery of sexual dimorphisms in metabolic and genetic biomarkers. *PLoS Genetics* 7:e1002215, 2011. [\[Pub-Med\]](#)
9. Zabaneh D, Kumari M, Sandhu M, Wareham N, Wainwright N, Papamarkou T, Hopewell J, Clarke R, Li K, Palmén J, Talmud PJ, Kronenberg F, Lamina C, Summerer M, Paulweber B, Price J, Fowkes G, Stewart M, Drenos F, Shah S, Shah T, Casas JP, Kivimaki M, Whittaker J, Hingorani AD, Humphries SE: Meta analysis of candidate gene variants outside the LPA locus with Lp(a) plasma levels in 14,500 participants of six White European cohorts. *Atherosclerosis* 217:447-451, 2011. [\[Pub-Med\]](#)
10. Yu Z, Kastenmüller G, He Y, Belcredi P, Möller G, Prehn C, Mendes J, Wahl S, Roemisch-Margl W, Ceglarek U, Polonikov A, Dahmen N, Prokisch H, Xie L, Li Y, Wichmann HE, Peters A, Kronenberg F, Suhre K, Adamski J, Illig T, Wang-Sattler R: Differences between human plasma and serum metabolite profiles. *PLoS One* 6:e21230, 2011. [\[Pub-Med\]](#)
11. Suhre K, Shin SY, Petersen AK, Mohney RP, Meredith D, Wagele B, Altmaier E, Deloukas P, Erdmann J, Grundberg E, Hammond CJ, de Angelis MH, Kastenmuller G, Kottgen A, Kronenberg F, Mangino M, Meisinger C, Meitinger T, Mewes HW, Milburn MV, Prehn C, Raffler J, Ried JS, Romisch-Margl W, Samani NJ, Small KS, Wichmann HE, Zhai G, Illig T, Spector TD, Adamski J,

- Soranzo N, Gieger C, Assimes TL, Deloukas P, Erdmann J, Holm H, Kathiresan S, König IR, McPherson R, Reilly MP, Roberts R, Samani NJ, Schunkert H, Stewart AF: Human metabolic individuality in biomedical and pharmaceutical research. *Nature* 477:54-60, 2011. [\[Pub-Med\]](#)
12. Jacquemont S, Reymond A, Zufferey F, Harewood L, Walters RG, Kutalik Z, Martinet D, Shen Y, Valsesia A, Beckmann ND, Thorleifsson G, Belfiore M, Bouquillon S, Campion D, de LN, de Vries BB, Esko T, Fernandez BA, Fernandez-Aranda F, Fernandez-Real JM, Gratacos M, Guilmatre A, Hoyer J, Jarvelin MR, Frank KR, Kurg A, Le CC, Mannik K, Platt OS, Sanlaville D, Van Haelst MM, Villatoro GS, Walha F, Wu BL, Yu Y, Aboura A, Addor MC, Alembik Y, Antonarakis SE, Arveiler B, Barth M, Bednarek N, Bena F, Bergmann S, Beri M, Bernardini L, Blaumeiser B, Bonneau D, Bottani A, Boute O, Brunner HG, Cailley D, Callier P, Chiesa J, Chrast J, Coin L, Coutton C, Cusset JM, Cuvellier JC, David A, de FB, Delobel B, Delrue MA, Demeer B, Descamps D, Didelot G, Dieterich K, Disciglio V, Doco-Fenzy M, Drunat S, Duban-Bedu B, Dubourg C, El-Sayed Moustafa JS, Elliott P, Faas BH, Faivre L, Faudet A, Fellmann F, Ferrarini A, Fisher R, Flori E, Forer L, Gaillard D, Gerard M, Gieger C, Gimelli S, Gimelli G, Grabe HJ, Guichet A, Guillin O, Hartikainen AL, Heron D, Hippolyte L, Holder M, Homuth G, Isidor B, Jaillard S, Jaros Z, Jimenez-Murcia S, Joly HG, Jonveaux P, Kaksonen S, Keren B, Kloss-Brandstätter A, Knoers NV, Koolen DA, Kroisel PM, Kronenberg F, Labalme A, Landais E, Lapi E, Layet V, Legallic S, Leheup B, Leube B, Lewis S, Lucas J, Macdermot KD, Magnusson P, Marshall C, Mathieu-Dramard M, McCarthy MI, Meitinger T, Antonietta MM, Merla G, Moerman A, Mooser V, Morice-Picard F, Mucciolo M, Nauck M, Coumba NN, Nordgren A, Pasquier L, Petit F, Pfundt R, Plessis G, Rajcan-Separovic E, Paolo RG, Rauch A, Ravazzolo R, Reis A, Renieri A, Richart C, Ried JS, Rieubland C, Roberts W, Roetzer KM, Rooryck C, Rossi M, Saemundsen E, Satre V, Schurmann C, Sigurdsson E, Stavropoulos DJ, Stefansson H, Tengstrom C, Thorsteinsdottir U, Tinahones FJ, Touraine R, Vallee L, van BE, Van der Aa N, Vincent-Delorme C, Visvikis-Siest S, Vollenweider P, Volzke H, Vulto-van Silfhout AT, Waeber G, Wallgren-Pettersson C, Witwicki RM, Zwolinski S, Andrieux J, Estivill X, Gusella JF, Gustafsson O, Metspalu A, Scherer SW, Stefansson K, Blakemore AI, Beckmann JS, Froguel P: Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. *Nature* 478:97-102, 2011. [\[Pub-Med\]](#)
13. Pike GN, Jones S, Coassin S, Kronenberg F, Will A: Jordan's anomaly in a case of Chanarin-Dorfman syndrome. *British Journal of Haematology* 155:412-412, 2011. [\[Pub-Med\]](#)
14. Lamina C*, Coassin S*, Illig T, Kronenberg F: Look beyond one's own nose: Combination of information from publicly available sources reveals an association of *GATA4* polymorphisms with plasma triglycerides. *Atherosclerosis* 219:698-703, 2011. [\[Pub-Med\]](#)
15. Bailey-Wilson JE, Brennan JS, Bull SB, Culverhouse R, Kim Y, Jiang Y, Jung J, Li Q, Lamina C, Liu Y, Magi R, Niu YS, Simpson CL, Wang L, Yilmaz YE, Zhang H, Zhang Z: Regression and data mining methods for analyses of multiple rare variants in the Genetic Analysis Workshop 17 mini-exome data. *Genetic Epidemiology* 35 Suppl 1:S92-S100, 2011. [\[Pub-Med\]](#)
16. Willeit P, Willeit J, Kloss-Brandstätter A, Kronenberg F, Kiechl S: Fifteen-year follow-up of association between telomere length and incident cancer and cancer mortality. *JAMA* 306:42-44, 2011. [\[Pub-Med\]](#)
17. Floege J, Kronenberg F, Froissart M: Mortality in chronic kidney disease and mineral metabolism. *JAMA* 306:159-160, 2011. [\[Pub-Med\]](#)
18. Kloss-Brandstätter A, Willeit P, Lamina C, Kiechl S, Kronenberg F: Correlation between baseline telomere length and shortening over time - spurious or true? *International Journal of Epidemiology* 40:840-841, 2011. [\[Pub-Med\]](#)
19. Kloss FR, Stigler RG, Brandstätter A, Tuli T, Rasse M, Laimer K, Hächl OL, Gassner R: Complications related to midfacial fractures: operative versus non-surgical treatment. *International Journal Oral and Maxillofacial Surgery* 40:33-37, 2011. [\[Pub-Med\]](#)

20. Lethaus B, Kalber J, Petrin G, Brandstätter A, Weingart D: Early loading of sandblasted and Acid-etched titanium implants in the edentulous mandible: a prospective 5-year study. **Int. J. Oral Maxillofac. Implants.** 26:887-892, 2011. [\[Pub-Med\]](#)
21. Bodner M, Zimmermann B, Röck A, Kloss-Brandstätter A, Horst D, Horst B, Sengchanh S, Sanguanserm Sri T, Horst J, Kraemer T, Schneider PM, Parson W: Southeast Asian diversity: first insights into the complex mtDNA structure of Laos. **BMC Evolutionary Biology** 11:49, 2011. [\[Pub-Med\]](#)
22. Kronenberg F: *APOL1* variants and kidney disease. There is no such thing as a free lunch. **Nephrology Dialysis Transplantation** 26:775-778, 2011 (Editorial). [\[Pub-Med\]](#)
23. Palacios O, Pagani A, Pérez-Rafael S, Egg M, Höckner M, Brandstätter A, Capdevila M, Atrian S, Dallinger R: Shaping mechanisms of metal specificity in a family of metazoan metallothioneins: evolutionary differentiation of mollusc metallothioneins. **BMC Biology** 9:4, 2011. [\[Pub-Med\]](#)
24. Böger CA, Chen MH, Tin A, Olden M, Köttgen A, Deboer 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 AM, 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, Krämer 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 AD, 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.** 22:555-570, 2011. [\[Pub-Med\]](#)
25. Rantner B, Kollerits B, Schmidauer C, Willeit J, Thauerer M, Rieger M, Fraedrich G: Carotid Endarterectomy within Seven Days after the Neurological Index Event is Safe and Effective in Stroke Prevention. **Eur. J. Vasc. Endovasc. Surg.** 42:732-739, 2011. [\[Pub-Med\]](#)
26. Kloss-Brandstätter A, Hächl O, Leitgeb PC, Buchner A, Coassin S, Rasse M, Kronenberg F, Kloss FR: Epidemiologic evidence of barometric pressure changes inducing increased reporting of oral pain. **European Journal of Pain** 15:880-884, 2011. [\[Pub-Med\]](#)
27. Wohlwender I, Daake G, Weingart D, Brandstätter A, Kessler P, Lethaus B: Condylar resorption and functional outcome after unilateral sagittal split osteotomy. **Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontics** 112:315-321, 2011. [\[Pub-Med\]](#)
28. Speliotes EK, Yerges-Armstrong LM, Wu J, Hernaez R, Kim LJ, Palmer CD, Gudnason V, Eiriksdottir G, Garcia ME, Launer LJ, Nalls MA, Clark JM, Mitchell BD, Shuldiner AR, Butler JL, Tomas M, Hoffmann U, Hwang SJ, Massaro JM, O'Donnell CJ, Sahani DV, Salomaa V, Schadt EE, Schwartz SM, Siscovick DS, Voight BF, Carr JJ, Feitosa MF, Harris TB, Fox CS, Smith AV, Kao WH, Hirschhorn JN, Borecki IB; Collaborator according to PubMed: Lamina C: Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. **PLoS Genet** 7:e1001324, 2011. [\[Pub-Med\]](#)
29. Kronenberg F: Genetic variation in HDL-related genes and the association with cardiovascular disease: HDL particles as chameleons of lipoprotein metabolism. **Journal of Internal Medicine** 270:128-131, 2011. [Editorial] [\[Pub-Med\]](#)
30. Heid IM, Rehli L, Kronenberg F: Geschlechtsspezifische genetische Effekte bei komplexen Erkrankungen. **Public Health Forum** 19:10.e1-10.e3, 2011. [Review]

31. Kloss-Brandstätter A, Kloss FR: The influence of genetic polymorphisms on osseointegration of dental implants. *Implantologie* 19:17-25, 2012.
32. Astor BC, Matsushita K, Gansevoort RT, van d, V, Woodward M, Levey AS, Jong PE, Coresh J, Astor BC, Matsushita K, Gansevoort RT, van d, V, Woodward M, Levey AS, De Jong PE, Coresh J, Levey AS, El-Nahas M, De Jong PE, Coresh J, Eckardt KU, Kasiske BL, Wright J, Appel L, Greene T, Levin A, Djurdjev O, Wheeler DC, Landray MJ, Townend JN, Emberson J, Clark LE, Macleod A, Marks A, Ali T, Fluck N, Prescott G, Smith DH, Weinstein JR, Johnson ES, Thorp ML, Wetzels JF, Blankestijn PJ, van Zuilen AD, Menon V, Sarnak M, Greene T, Beck G, Kronenberg F, Kollerits B, Froissart M, Stengel B, Metzger M, Remuzzi G, Ruggenti P, Perna A, Heerspink HJ, Brenner B, de ZD, Rossing P, Parving HH, Astor BC, Auguste P, Coresh J, Gansevoort RT, De Jong PE, Matsushita K, van d, V, Veldhuis K, Wang Y, Woodward M, Camarata L, Thomas B, Manley T: Lower estimated glomerular filtration rate and higher albuminuria are associated with mortality and end-stage renal disease. A collaborative meta-analysis of kidney disease population cohorts. *Kidney International* 79:1331-1340, 2011. [\[Pub-Med\]](#)
33. Surakka I, Isaacs A, Karssen LC, Laurila PP, Middelberg RP, Tikkanen E, Ried JS, Lamina C, Mangino M, Igl W, Hottenga JJ, Lagou V, van der Harst P, Mateo L, I, Esko T, Kutalik Z, Wainwright NW, Struchalin MV, Sarin AP, Kangas AJ, Viikari JS, Perola M, Rantanen T, Petersen AK, Soininen P, Johansson A, Soranzo N, Heath AC, Papamarkou T, Prokopenko I, Tonjes A, Kronenberg F, Doring A, Rivadeneira F, Montgomery GW, Whitfield JB, Kahonen M, Lehtimäki T, Freimer NB, Willemssen G, De Geus EJ, Palotie A, Sandhu MS, Waterworth DM, Metspalu A, Stumvoll M, Uitterlinden AG, Jula A, Navis G, Wijmenga C, Wolfenbutter BH, Taskiran MR, Ala-Korpela M, Kaprio J, Kyvik KO, Boomsma DI, Pedersen NL, Gyllenstein U, Wilson JF, Rudan I, Campbell H, Pramstaller PP, Spector TD, Witteman JC, Eriksson JG, Salomaa V, Oostra BA, Raitakari OT, Wichmann HE, Gieger C, Jarvelin MR, Martin NG, Hofman A, McCarthy MI, Peltonen L, Van Duijn CM, Aulchenko YS, Ripatti S: A Genome-Wide Screen for Interactions Reveals a New Locus on 4p15 Modifying the Effect of Waist-to-Hip Ratio on Total Cholesterol. *PLoS Genetics* 7:e1002333, 2011. [\[Pub-Med\]](#)
34. Böger CA, Gorski M, Li M, Hoffmann MM, Huang C, Yang Q, Teumer A, Krane V, O'Seaghdha CM, Kutalik Z, Wichmann HE, Haak T, Boes E, Coassin S, Coresh J, Kollerits B, Haun M, Paulweber B, Kottgen A, Li G, Shlipak MG, Powe N, Hwang SJ, Dehghan A, Rivadeneira F, Uitterlinden A, Hofman A, Beckmann JS, Kramer BK, Witteman J, Bochud M, Siscovick D, Rettig R, Kronenberg F, Wanner C, Thadhani RI, Heid IM, Fox CS, Kao WH: Association of eGFR-Related Loci Identified by GWAS with Incident CKD and ESRD. *PLoS Genetics* 7:e1002292, 2011. [\[Pub-Med\]](#)
35. 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 EO, 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. *Nature Genetics* 43:1082-1090, 2011. [\[Pub-Med\]](#)
36. International Consortium for Blood Pressure Genome-Wide Association Studies: Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature* 478:103-109, 2011. [\[Pub-Med\]](#)
37. Zitt E*, Lamina C*, Sturm G, Knoll F, Lins F, Freistatter O, Kronenberg F, Lhotta K, Neyer U: Interaction of Time-Varying Albumin and Phosphorus on Mortality in Incident Dialysis Patients. *Clin. J. Am. Soc. Nephrol.* 6:2650-2656, 2011. [\[Pub-Med\]](#)
38. Massoner P, Ladurner RM, Heidegger I, Kloss-Brandstätter A, Summerer M, Reichhart E, Schafer G, Klocker H: Expression of the IGF Axis Is Decreased in Local Prostate Cancer but Enhanced after Benign Prostate Epithelial Differentiation and TGF-beta Treatment. *American Journal of Pathology* 179:2905-2919, 2011. [\[Pub-Med\]](#)
39. Chambers JC, Zhang W, Sehmi J, Li X, Wass MN, van der Harst P, Holm H, Sanna S, Kavousi M, Baumeister SE, Coin LJ, Deng G, Gieger C, Heard-Costa NL, Hottenga JJ, Kuhnel B, Kumar V, Lagou V, Liang L, Luan J, Vidal PM, Mateo L, I, O'Reilly PF, Peden JF, Rahmioglu N, Soininen P, Speliotes EK, Yuan X, Thorleifsson G, Alizadeh BZ, Atwood LD, Borecki IB, Brown MJ, Charoen P, Cucca F, Das D, De Geus EJ, Dixon AL, Doring A, Ehret G, Eyjolfsson GI, Farrall M, Forouhi NG, Friedrich N, Goessling W, Gudbjartsson DF, Harris TB, Hartikainen AL, Heath S, Hirschfield GM, Hofman A, Homuth G, Hypponen E, Janssen HL, Johnson T, Kangas AJ, Kema IP, Kuhn JP, Lai S, Lathrop M, Lerch MM, Li Y, Liang TJ, Lin JP, Loos RJ, Martin NG, Moffatt MF, Montgomery GW, Munroe PB, Musunuru K, Nakamura Y, O'Donnell CJ, Olafsson I, Penninx BW, Pouta A, Prins BP, Prokopenko I, Puls R, Ruukonen A, Savolainen MJ, Schlessinger D, Schouten JN, Seedorf U, Sen-Chowdhry S, Siminovitch KA, Smit JH, Spector TD, Tan W, Teslovich TM, Tukiainen T, Uitterlinden AG, Van der Klauw MM, Vasani RS, Wallace C, Wallaschofski H, Wichmann HE, Willemssen G, Wurtz P, Xu C, Yerges-Armstrong LM, Abecasis GR, Ahmadi KR, Boomsma DI, Caulfield M, Cookson WO, Van Duijn CM, Froguel P, Matsuda K, McCarthy MI, Meisinger C, Mooser V, Pietilainen KH, Schumann G, Snieder H, Sternberg MJ, Stolk RP, Thomas HC, Thorsteinsdottir U, Uda M, Waeber G, Wareham NJ, Waterworth DM, Watkins H, Whitfield JB, Witteman JC, Wolffenbuttel BH, Fox CS, Ala-Korpela M, Stefansson K, Vollenweider P, Volzke H, Schadt EE, Scott J, Jarvelin MR, Elliott P, Kooner JS and the Alcohol Genome-wide Association (AlcGen) Consortium; Diabetes Genetics Replication and Meta-analyses (DIAGRAM+) Study; Genetic Investigation of Anthropometric Traits (GIANT) Consortium; Global Lipids Genetics Consortium; Genetics of Liver Disease (GOLD) Consortium; International Consortium for Blood Pressure (ICBP-GWAS); Meta-analyses of Glucose and Insulin-Related Traits Consortium (MAGIC): Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. *Nat. Genet.* 43:1131-1138, 2011. [\[Pub-Med\]](#)
40. Wain LV, Verwoert GC, O'Reilly PF, Shi G, Johnson T, Johnson AD, Bochud M, Rice KM, Henneman P, Smith AV, Ehret GB, Amin N, Larson MG, Mooser V, Hadley D, Dorr M, Bis JC, Aspelund T, Esko T, Janssens AC, Zhao JH, Heath S, Laan M, Fu J, Pistis G, Luan J, Arora P, Lucas G, Pirastu N, Pichler I, Jackson AU, Webster RJ, Zhang F, Peden JF, Schmidt H, Tanaka T, Campbell H, Igl W, Milaneschi Y, Hottenga JJ, Vitart V, Chasman DI, Trompet S, Bragg-Gresham JL, Alizadeh BZ, Chambers JC, Guo X, Lehtimäki T, Kuhnel B, Lopez LM, Polasek O, Boban M, Nelson CP, Morrison AC, Pihur V, Ganesh SK, Hofman A, Kundu S, Mattace-Raso FU, Rivadeneira F, Sijbrands EJ, Uitterlinden AG, Hwang SJ, Vasani RS, Wang TJ, Bergmann S, Vollenweider P, Waeber G, Laitinen J, Pouta A, Zitting P, McArdle WL, Kroemer HK, Volker U, Volzke H, Glazer NL, Taylor KD, Harris TB, Alavere H, Haller T, Keis A, Tammesoo ML, Aulchenko Y, Barroso I, Khaw KT, Galan P, Hercberg S, Lathrop M, Eyheramendy S, Org E, Sober S, Lu X, Nolte IM, Penninx BW, Corre T, Masciullo C, Sala C, Groop L, Voight BF, Melander O, O'Donnell CJ, Salomaa V, d'Adamo AP, Fabretto A, Faletra F, Ulivi S, Del GF, Facheris M, Collins FS, Bergman RN, Beilby JP, Hung J, Musk AW, Mangino M, Shin SY, Soranzo N, Watkins H, Goel A, Hamsten A, Gider P, Loitfelder M, Zeginigg M, Hernandez D, Najjar SS, Navarro P, Wild SH, Corsi AM, Singleton A, De Geus EJ, Willemssen G, Parker AN, Rose LM, Buckley B, Stott D, Orru

M, Uda M, Van der Klauw MM, Zhang W, Li X, Scott J, Chen YD, Burke GL, Kahonen M, Viikari J, Doring A, Meitinger T, Davies G, Starr JM, Emilsson V, Plump A, Lindeman JH, Hoen PA, König IR, Felix JF, Clarke R, Hopewell JC, Ongen H, Breteler M, Debette S, DeStefano AL, Fornage M, Mitchell GF, Smith NL, Holm H, Stefansson K, Thorleifsson G, Thorsteinsdottir U, Samani NJ, Preuss M, Rudan I, Hayward C, Deary IJ, Wichmann HE, Raitakari OT, Palmas W, Kooner JS, Stolk RP, Jukema JW, Wright AF, Boomsma DI, Bandinelli S, Gyllenstein UB, Wilson JF, Ferrucci L, Schmidt R, Farrall M, Spector TD, Palmer LJ, Tuomilehto J, Pfeufer A, Gasparini P, Siscovick D, Altshuler D, Loos RJ, Toniolo D, Snieder H, Gieger C, Meneton P, Wareham NJ, Oostra BA, Metspalu A, Launer L, Rettig R, Strachan DP, Beckmann JS, Witteman JC, Erdmann J, Van Dijk KW, Boerwinkle E, Boehnke M, Ridker PM, Jarvelin MR, Chakravarti A, Abecasis GR, Gudnason V, Newton-Cheh C, Levy D, Munroe PB, Psaty BM, Caulfield MJ, Rao DC, Tobin MD, Elliott P, Van Duijn CM and the AortaGen Consortium; CHARGE Consortium Heart Failure Working Group; KidneyGen consortium; CKDGen consortium; Cardiogenics consortium; CardioGram: Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. *Nat. Genet.* 43:1005-1011, 2011. [\[Pub-Med\]](#)

41. Strawbridge RJ, Dupuis J, Prokopenko I, Barker A, Ahlqvist E, Rybin D, Petrie JR, Travers ME, Bouatia-Naji N, Dimas AS, Nica A, Wheeler E, Chen H, Voight BF, Taneera J, Kanoni S, Peden JF, Turrini F, Gustafsson S, Zabena C, Almgren P, Barker DJ, Barnes D, Dennison EM, Eriksson JG, Eriksson P, Eury E, Folkersen L, Fox CS, Frayling TM, Goel A, Gu HF, Horikoshi M, Isomaa B, Jackson AU, Jameson KA, Kajantie E, Kerr-Conte J, Kuulasmaa T, Kuusisto J, Loos RJ, Luan J, Makrilakis K, Manning AK, Martinez-Larrad MT, Narisu N, Nastase MM, Ohrvik J, Osmond C, Pascoe L, Payne F, Sayer AA, Sennblad B, Silveira A, Stancakova A, Stirrups K, Swift AJ, Syvanen AC, Tuomi T, Van 't Hooft FM, Walker M, Weedon MN, Xie W, Zethelius B, Ongen H, Malarstig A, Hopewell JC, Saleheen D, Chambers J, Parish S, Danesh J, Kooner J, Ostenson CG, Lind L, Cooper CC, Serrano-Rios M, Ferrannini E, Forsen TJ, Clarke R, Franzosi MG, Seedorf U, Watkins H, Froguel P, Johnson P, Deloukas P, Collins FS, Laakso M, Dermitzakis ET, Boehnke M, McCarthy MI, Wareham NJ, Groop L, Pattou F, Gloyn AL, Dedoussis GV, Lyssenko V, Meigs JB, Barroso I, Watanabe RM, Ingelsson E, Langenberg C, Hamsten A, Florez JC and the DIAGRAM Consortium; GIANT Consortium; MuTHER Consortium; CARDIoGRAM Consortium; C4D Consortium: Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes* 60:2624-2634, 2011. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2010

* Authors contributed equally

1. Coassin S, Schweiger M, Kloss-Brandstätter A, Lamina C, Haun M, Erhart G, Paulweber B, Rahman Y, Olpin S, Wolinski H, Cornaciu I, Zechner R, Zimmermann R, Kronenberg F: Investigation and functional characterization of rare genetic variants in the adipose triglyceride lipase in a large healthy working population. *PLoS Genetics* 6:e1001239, 2010. [\[Pub-Med\]](#)
2. Kloss-Brandstätter A, Schäfer G, Erhart G, Hüttenhofer A, Coassin S, Seifarth C, Summerer M, Bektic J, Klocker H, Kronenberg F: Somatic mutations throughout the entire mitochondrial genome are associated with elevated PSA levels in prostate cancer patients. *American Journal Human Genetics* 87:802-812, 2010 [\[Pub-Med\]](#)
3. Kollerits B, Coassin S, Kiechl S, Hunt SC, Paulweber B, Willeit J, Brandstätter A, Lamina C, Adams TD, Kronenberg F: A common variant in the adiponutrin gene influences liver enzyme levels. *Journal of Medical Genetics* 47:116-119, 2010. [\[Pub-Med\]](#)

4. Coassin S, Brandstätter A, Kronenberg F: Lost in the space of bioinformatic tools: a constantly updated survival guide for genetic epidemiology. The GenEpi Toolbox. ***Atherosclerosis*** 209:321-335, 2010. [\[Pub-Med\]](#)
5. Weißensteiner H*, Schönherr S*, Specht G, Kronenberg F, Brandstätter A: eCOMPAGT integrates mtDNA: import, validation and export of mitochondrial DNA profiles for population genetics, tumour dynamics and genotype-phenotype association studies. ***BMC Bioinformatics*** 11:122, 2010. [\[Pub-Med\]](#)
6. Ehrlenbach S, Willeit P, Kiechl S, Willeit J, Reindl M, Schanda K, Kronenberg F, Brandstätter A: Raising the bar on telomere epidemiology. ***International Journal of Epidemiology*** 39:308-309, 2010. [\[Pub-Med\]](#)
7. Illig T, Gieger C, Zhai G, Römisch-Margl W, Wang-Sattler R, Prehn C, Altmaier E, Kastenmüller G, Kato BS, Soranzo N, Mewes HW, Meitinger T, Hrabé de Angelis M, Kronenberg F, Wichmann HE, Spector TD, Adamski J, Suhre K: A genomewide perspective of genetic variation in human metabolism. ***Nature Genetics*** 42:137-141, 2010. [\[Pub-Med\]](#)
8. Heid IM*, Henneman P*, Hicks A*, Coassin S, Winkler T, Aulchenko YS, Fuchsberger C, Song K, Hivert MF, Waterworth DM, Timpson NJ, Richards JB, Perry JRB, Tanaka T, Amin N, Kollerits B, Pichler I, Oostra BA, Thorand B, Frants RR, Illig T, Dupuis J, Glaser B, Spector T, Guralnik J, Egan JM, Florez JC, Evans DM, Soranzo N, Bandinelli S, Carlson OD, Frayling TM, Burling K, Davey SG, Mooser V, Ferrucci L, Meigs JB, Vollenweider P, Van Dijk KW, Pramstaller P*, Kronenberg F*, Van Duijn CM*: Clear detection of *ADIPOQ* locus as the major gene for plasma adiponectin: results of genome-wide association analyses including 4659 European individuals. ***Atherosclerosis*** 208:412-420, 2010. [\[Pub-Med\]](#)
9. Brandstätter A, Lamina C, Kiechl S, Hunt SC, Coassin S, Paulweber B, Kramer F, Summerer M, Willeit J, Kedenko L, Adams TD, Kronenberg F: Sex and age interaction with genetic association of atherogenic uric acid concentrations. ***Atherosclerosis*** 210:474-478, 2010. [\[Pub-Med\]](#)
10. Forer L, Schönherr S, Weissensteiner H, Haider F, Kluckner T, Gieger C, Wichmann HE, Specht G, Kronenberg F, Brandstätter A: CONAN: Copy Number Variation Analysis Software for Genome-Wide Association Studies. ***BMC Bioinformatics*** 11:318, 2010. [\[Pub-Med\]](#)
11. Willeit P, Willeit J, Brandstätter A, Ehrlenbach S, Mayr A, Gasperi A, Weger S, Oberhollenzer F, Reindl M, Kronenberg F, Kiechl S: Cellular aging reflected by leukocyte telomere length predicts advanced atherosclerosis and cardiovascular disease risk. ***Arteriosclerosis Thrombosis and Vascular Biology*** 30:1649-1656, 2010. [\[Pub-Med\]](#)
12. Willeit P, Willeit J, Mayr A, Weger S, Oberhollenzer F, Brandstätter A, Kronenberg F, Kiechl S: Telomere length and risk of incident cancer and cancer mortality. ***JAMA*** 304:69-75, 2010. [\[Pub-Med\]](#)
13. Köttgen A, Pattaro C, Böger CA, Fuchsberger C, Olden M, Glazer NL, Parsa A, Gao X, Yang Q, Smith AV, O'Connell JR, Li M, Schmidt H, Tanaka T, Isaacs A, Ketkar S, Hwang SJ, Johnson AD, Dehghan A, Teumer A, Paré G, Atkinson EJ, Zeller T, Lohman K, Cornelis MC, Probst-Hensch NM, Kronenberg F, Tönjes A, Hayward C, Aspelund T, Eiriksdottir G, Launer L, Harris TB, Rapmersaud E, Mitchell BD, Boerwinkle E, Struchalin M, Cavalieri M, Singleton A, Giallauria F, Metter J, de Boer I, Haritunians T, Lumley T, Siscovick D, Psaty BM, Zillikens MC, Oostra BA, Feitosa M, Province M, de Andrade FM, Turner ST, Schillert A, Ziegler A, Wild PS, Schnabel RB, Wilde S, Muenzel TF, Leak TS, Illig T, Klopp N, Meisinger C, Wichmann HE, Koenig W, Zgaga L, Zemunik T, Kolcic I, Minelli C, Hu FB, Johansson A, Igl W, Zaboli G, Wild SH, Wright AF, Campbell H, Ellinghaus D, Schreiber S, Aulchenko YS, Felix JF, Rivadeneira F, Uitterlinden AG, Hofman A, Imboden M, Nitsch D, Brandstätter A, Kollerits B, Kedenko L, Mägi R, Stumvoll M, Kovacs P, Boban M, Campbell S, Endlich K, Völzke H, Kroemer HK, Nauck M, Völker U, Polasek O, Vitart V, Badola S, Parker AN, Ridker PM, Kardina SLR, Blankenberg S, Liu Y, Curhan GC, Franke A, Rochat T, Paulweber B, Prokopenko I, Wang W, Gudnason V, Shuldiner AR, Coresh J, Schmidt R, Ferrucci L, Shlipak M, van Duijn CM, Borecki I, Krämer BK, Rudan I, Gyllenstein U, Wilson JF, Witteman JC, Pramstaller PP, Rettig R, Hastie N,

- Chasman DI, Kao WH, Heid IM, Fox CS: Multiple new loci associated with kidney function and chronic kidney disease. *Nature Genetics* 42:376-384, 2010. [\[Pub-Med\]](#)
14. Spanaus K-S*, Kollerits B*, Ritz E, Hersberger M, Kronenberg F*, von Eckardstein A*: Serum creatinine, cystatin C, and β -trace protein in diagnostic staging and predicting progression of primary nondiabetic chronic kidney disease. *Clinical Chemistry* 56:740-749, 2010. [\[Pub-Med\]](#)
15. Sturm G, Lamina C, Zitt E, Lhotta K, Lins F, Freistätter O, Neyer U, Kronenberg F: Sex-specific association of time-varying hemoglobin values with mortality in incident dialysis patients. *Nephrology, Dialysis, Transplantation* 25:2715-2722, 2010. [\[PDF\]](#)
16. Mobascher A, Rujescu D, Mittelstrass K, Giegling I, Lamina C, Nitz B, Brenner H, Fehr C, Breitling LP, Gallinat J, Rothenbacher D, Raum E, Muller H, Ruppert A, Hartmann AM, Moller HJ, Gal A, Gieger C, Wichmann HE, Illig T, Dahmen N, Winterer G: Association of a variant in the muscarinic acetylcholine receptor 2 gene (CHRM2) with nicotine addiction. *American Journal of Medical Genetics, Part B Neuropsychiatric Genetics* 153B: 684-690, 2010. [\[Pub-Med\]](#)
17. Linsel-Nitschke P, Heeren J, Aherrahrou Z, Bruse P, Gieger C, Illig T, Prokisch H, Heim K, Döring A, Peters A, Meitinger T, Wichmann HE, Hinney A, Reinehr T, Roth A, Ortlepp JR, Soufi M, Sattler AM, Schaefer J, Stark K, Hengstenberg C, Schaefer A, Schreiber S, Kronenberg F, Samani NJ, Schunkert H, Erdmann J: Genetic variation at chromosome 1p13.3 affects sortilin mRNA expression, cellular LDL uptake and serum LDL levels which translates to the risk of coronary artery disease. *Atherosclerosis* 208:183-189, 2010. [\[Pub-Med\]](#)
18. Liu JZ, Tozzi F, Waterworth DM, Pillai SG, Muglia P, Middleton L, Berrettini W, Knouff CW, Yuan X, Waeber G, Vollenweider P, Preisig M, Wareham NJ, Zhao JH, Loos RJ, Barroso I, Khaw KT, Grundy S, Barter P, Mahley R, Kesaniemi A, McPherson R, Vincent JB, Strauss J, Kennedy JL, Farmer A, McGuffin P, Day R, Matthews K, Bakke P, Gulsvik A, Lucae S, Ising M, Brueckl T, Horstmann S, Wichmann HE, Rawal R, Dahmen N, Lamina C, Polasek O, Zgaga L, Huffman J, Campbell S, Kooner J, Chambers JC, Burnett MS, Devaney JM, Pichard AD, Kent KM, Satler L, Lindsay JM, Waksman R, Epstein S, Wilson JF, Wild SH, Campbell H, Vitart V, Reilly MP, Li M, Qu L, Wilensky R, Matthai W, Hakonarson HH, Rader DJ, Franke A, Wittig M, Schafer A, Uda M, Terracciano A, Xiao X, Busonero F, Scheet P, Schlessinger D, St CD, Rujescu D, Abecasis GR, Grabe HJ, Teumer A, Volzke H, Petersmann A, John U, Rudan I, Hayward C, Wright AF, Kolcic I, Wright BJ, Thompson JR, Balmforth AJ, Hall AS, Samani NJ, Anderson CA, Ahmad T, Mathew CG, Parkes M, Satsangi J, Caulfield M, Munroe PB, Farrall M, Dominiczak A, Worthington J, Thomson W, Eyre S, Barton A, Mooser V, Francks C, Marchini J: Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature Genetics* 42:436-440, 2010. [\[Pub-Med\]](#)
19. Lamina C, Küchenhoff H, Chang-Claude J, Paulweber B, Wichmann HE, Illig T, Hoehe MR, Kronenberg F, Heid IM: Haplotype misclassification resulting from statistical reconstruction and genotype error and its implication on association estimates. *Annals of Human Genetics* 74:452-462, 2010. [\[Pub-Med\]](#)
20. Teslovich TM, Musunuru K, Smith AV, Edmondson AC, Stylianou IM, Koseki M, Pirruccello JP, Ripatti S, Chasman DI, Willer CJ, Johansen CT, Fouchier SW, Isaacs A, Peloso GM, Barbalic M, Ricketts SL, Bis JC, Aulchenko YS, Thorleifsson G, Feitosa MF, Chambers J, Orho-Melander M, Melander O, Johnson T, Li X, Guo X, Li M, Shin CY, Jin GM, Jin KY, Lee JY, Park T, Kim K, Sim X, Twee-Hee OR, Croteau-Chonka DC, Lange LA, Smith JD, Song K, Hua ZJ, Yuan X, Luan J, Lamina C, Ziegler A, Zhang W, Zee RY, Wright AF, Witteman JC, Wilson JF, Willemssen G, Wichmann HE, Whitfield JB, Waterworth DM, Wareham NJ, Waeber G, Vollenweider P, Voight BF, Vitart V, Uitterlinden AG, Uda M, Tuomilehto J, Thompson JR, Tanaka T, Surakka I, Stringham HM, Spector TD, Soranzo N, Smit JH, Sinisalo J, Silander K, Sijbrands EJ, Scuteri A, Scott J, Schlessinger D, Sanna S, Salomaa V, Saharinen J, Sabatti C, Ruukonen A, Rudan I, Rose LM, Roberts R, Rieder M, Psaty BM, Pramstaller PP, Pichler I, Perola M, Penninx BW, Pedersen NL, Pattaro C, Parker AN, Pare G, Oostra BA, O'Donnell CJ, Nieminen MS, Nickerson DA, Montgomery GW, Meitinger T, McPherson R, McCarthy MI, McArdle W, Masson D, Martin NG, Marroni F, Mangino M, Magnusson PK, Lucas

- G, Luben R, Loos RJ, Lokki ML, Lettre G, Langenberg C, Launer LJ, Lakatta EG, Laaksonen R, Kyvik KO, [Kronenberg F](#), König IR, Khaw KT, Kaprio J, Kaplan LM, Johansson A, Jarvelin MR, Cecile JWJ, Ingelsson E, Igl W, Kees HG, Hottenga JJ, Hofman A, Hicks AA, Hengstenberg C, Heid IM, Hayward C, Havulinna AS, Hastie ND, Harris TB, Haritunians T, Hall AS, Gyllensten U, Guiducci C, Groop LC, Gonzalez E, Gieger C, Freimer NB, Ferrucci L, Erdmann J, Elliott P, Ejebe KG, Döring A, Dominiczak AF, Demissie S, Deloukas P, De Geus EJ, de FU, Crawford G, Collins FS, Chen YD, Caulfield MJ, Campbell H, Burt NP, Bonnycastle LL, Boomsma DI, Boekholdt SM, Bergman RN, Barroso I, Bandinelli S, Ballantyne CM, Assimes TL, Quertermous T, Altshuler D, Seielstad M, Wong TY, Tai ES, Feranil AB, Kuzawa CW, Adair LS, Taylor HA, Jr., Borecki IB, Gabriel SB, Wilson JG, Holm H, Thorsteinsdottir U, Gudnason V, Krauss RM, Mohlke KL, Ordovas JM, Munroe PB, Kooner JS, Tall AR, Hegele RA, Kastelein JJ, Schadt EE, Rotter JI, Boerwinkle E, Strachan DP, Mooser V, Stefansson K, Reilly MP, Samani NJ, Schunkert H, Cupples LA, Sandhu MS, Ridker PM, Rader DJ, Van Duijn CM, Peltonen L, Abecasis GR, Boehnke M, Kathiresan S: Biological, clinical and population relevance of 95 loci for blood lipids. *Nature* 466:707-713, 2010. [\[Pub-Med\]](#)
21. Eckardt KU, Kim J, [Kronenberg F](#), Aljama P, Anker SD, Canaud B, Molemans B, Stenvinkel P, Scherthaner G, Ireland E, Fouquieray B, Macdougall IC: Hemoglobin variability does not predict mortality in European hemodialysis patients. *Journal of the American Society of Nephrology* 21:1765-75. [\[Pub-Med\]](#)
22. Hersberger M, Thun GA, Imboden M, [Brandstätter A](#), Waechter V, Summerer M, Schmid-Grendelmeier P, Bircher A, Rohrer L, Berger W, Russi EW, Rochat T, [Kronenberg F](#), Probst-Hensch N: Association of STR Polymorphisms in CMA1 and IL-4 with Asthma and Atopy: the SAPALDIA Cohort. *Human Immunology* 71:1154-60, 2010. [\[Pub-Med\]](#)
23. Fisher R, Freeman D, Groen A, Heeren J, Kalopissis A, [Kronenberg F](#), Linstedt K, Mulders M, Parini P, Tybaerg-Hansen A, von Eckardstein A.: European Lipoprotein Club: Report of the 32nd ELC Annual Conference, Tutzing, 7-10 September 2009. *Atherosclerosis* 210:680-686, 2010.
24. Tuli T, Haechl O, Berger N, Laimer K, Jank S, Kloss F, [Brandstätter A](#), Gassner R: Facial trauma: how dangerous are skiing and snowboarding? *Journal Oral and Maxillofacial Surgery* 68:293-299, 2010. [\[Pub-Med\]](#)
25. Kraft HG, [Kronenberg F](#), Utermann G: Genetic variants in Lp(a) lipoprotein and coronary disease. *New England Journal of Medicine* 362:1146-1148, 2010. [\[Pub-Med\]](#)
26. Seeber BE, Czech T, Buchner H, Barnhardt KT, Seger C, Daxenbichler G, Wildt L, [Dieplinger H](#): The vitamin E-binding protein afamin is altered significantly in the peritoneal fluid of women with endometriosis. *Fertility and Sterility* 94:2923-2926, 2010. [\[Pub-Med\]](#)
27. Heid IM, Jackson AU, Randall JC, Winkler TW, Qi L, Steinthorsdottir V, Thorleifsson G, Zillikens MC, Speliotes EK, Magi R, Workalemahu T, White CC, Bouatia-Naji N, Harris TB, Berndt SI, Ingelsson E, Willer CJ, Weedon MN, Luan J, Vedantam S, Esko T, Kilpelainen TO, Kutalik Z, Li S, Monda KL, Dixon AL, Holmes CC, Kaplan LM, Liang L, Min JL, Moffatt MF, Molony C, Nicholson G, Schadt EE, Zondervan KT, Feitosa MF, Ferreira T, Allen HL, Weyant RJ, Wheeler E, Wood AR, Estrada K, Goddard ME, Lettre G, Mangino M, Nyholt DR, Purcell S, Smith AV, Visscher PM, Yang J, McCarroll SA, Nemes J, Voight BF, Absher D, Amin N, Aspelund T, Coin L, Glazer NL, Hayward C, Heard-Costa NL, Hottenga JJ, Johansson A, Johnson T, Kaakinen M, Kapur K, Ketkar S, Knowles JW, Kraft P, Kraja AT, [Lamina C](#), Leitzmann MF, McKnight B, Morris AP, Ong KK, Perry JR, Peters MJ, Polasek O, Prokopenko I, Rayner NW, Ripatti S, Rivadeneira F, Robertson NR, Sanna S, Sovio U, Surakka I, Teumer A, van WS, Vitart V, Zhao JH, Cavalcanti-Proenca C, Chines PS, Fisher E, Kulzer JR, Lecoeur C, Narisu N, Sandholt C, Scott LJ, Silander K, Stark K, Tammesoo ML, Teslovich TM, Timpson NJ, Watanabe RM, Welch R, Chasman DI, Cooper MN, Jansson JO, Kettunen J, Lawrence RW, Pellikka N, Perola M, Vandenput L, Alavere H, Almgren P, Atwood LD, Bennett AJ, Biffar R, Bonnycastle LL, Bornstein SR, Buchanan TA, Campbell H, Day IN, Dei M, Dorr M, Elliott P, Erdos MR, Eriksson JG, Freimer NB, Fu M, Gaget S, Geus EJ, Gjesing AP, Grallert H, Grassler J, Groves CJ, Guiducci C, Hartikainen AL, Hassanali N, Havulinna AS, Herzig KH, Hicks AA, Hui J, Igl W, Jousilahti P, Jula A,

Kajantie E, Kinnunen L, Kolcic I, Koskinen S, Kovacs P, Kroemer HK, Krzelj V, Kuusisto J, Kvaloy K, Laitinen J, Lantieri O, Lathrop GM, Lokki ML, Luben RN, Ludwig B, McArdle WL, McCarthy A, Morken MA, Nelis M, Neville MJ, Pare G, Parker AN, Peden JF, Pichler I, Pietilainen KH, Platou CG, Pouta A, Ridderstrale M, Samani NJ, Saramies J, Sinisalo J, Smit JH, Strawbridge RJ, Stringham HM, Swift AJ, Teder-Laving M, Thomson B, Usala G, van Meurs JB, Van Ommen GJ, Vatin V, Volpato CB, Wallaschofski H, Walters GB, Widen E, Wild SH, Willemsen G, Witte DR, Zgaga L, Zitting P, Beilby JP, James AL, Kahonen M, Lehtimäki T, Nieminen MS, Ohlsson C, Palmer LJ, Raitakari O, Ridker PM, Stumvoll M, Tonjes A, Viikari J, Balkau B, Ben-Shlomo Y, Bergman RN, Boeing H, Smith GD, Ebrahim S, Froguel P, Hansen T, Hengstenberg C, Hveem K, Isomaa B, Jorgensen T, Karpe F, Khaw KT, Laakso M, Lawlor DA, Marre M, Meitinger T, Metspalu A, Midthjell K, Pedersen O, Salomaa V, Schwarz PE, Tuomi T, Tuomilehto J, Valle TT, Wareham NJ, Arnold AM, Beckmann JS, Bergmann S, Boerwinkle E, Boomsma DI, Caulfield MJ, Collins FS, Eiriksdottir G, Gudnason V, Gyllenstein U, Hamsten A, Hattersley AT, Hofman A, Hu FB, Illig T, Iribarren C, Jarvelin MR, Kao WH, Kaprio J, Launer LJ, Munroe PB: Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics* 42:949-960, 2010.

[\[Pub-Med\]](#)

28. Speliotes EK, Willer CJ, Berndt SI, Monda KL, Thorleifsson G, Jackson AU, Allen HL, Lindgren CM, Luan J, Magi R, Randall JC, Vedantam S, Winkler TW, Qi L, Workalemahu T, Heid IM, Steinthorsdottir V, Stringham HM, Weedon MN, Wheeler E, Wood AR, Ferreira T, Weyant RJ, Segre AV, Estrada K, Liang L, Nemesh J, Park JH, Gustafsson S, Kilpelainen TO, Yang J, Bouatia-Naji N, Esko T, Feitosa MF, Kutalik Z, Mangino M, Raychaudhuri S, Scherag A, Smith AV, Welch R, Zhao JH, Aben KK, Absher DM, Amin N, Dixon AL, Fisher E, Glazer NL, Goddard ME, Heard-Costa NL, Hoesel V, Hottenga JJ, Johansson A, Johnson T, Ketkar S, Lamina C, Li S, Moffatt MF, Myers RH, Narisu N, Perry JR, Peters MJ, Preuss M, Ripatti S, Rivadeneira F, Sandholt C, Scott LJ, Timpson NJ, Tyrer JP, van WS, Watanabe RM, White CC, Wiklund F, Barlassina C, Chasman DI, Cooper MN, Jansson JO, Lawrence RW, Pellikka N, Prokopenko I, Shi J, Thiering E, Alavere H, Alibrandi MT, Almgren P, Arnold AM, Aspelund T, Atwood LD, Balkau B, Balmforth AJ, Bennett AJ, Ben-Shlomo Y, Bergman RN, Bergmann S, Biebermann H, Blakemore AI, Boes T, Bonnycastle LL, Bornstein SR, Brown MJ, Buchanan TA, Busonero F, Campbell H, Cappuccio FP, Cavalcanti-Proenca C, Chen YD, Chen CM, Chines PS, Clarke R, Coin L, Connell J, Day IN, Heijer MD, Duan J, Ebrahim S, Elliott P, Elosua R, Eiriksdottir G, Erdos MR, Eriksson JG, Facheris MF, Felix SB, Fischer-Posovszky P, Folsom AR, Friedrich N, Freimer NB, Fu M, Gaget S, Gejman PV, Geus EJ, Gieger C, Gjesing AP, Goel A, Goyette P, Grallert H, Grassler J, Greenawalt DM, Groves CJ, Gudnason V, Guiducci C, Hartikainen AL, Hassanali N, Hall AS, Havulinna AS, Hayward C, Heath AC, Hengstenberg C, Hicks AA, Hinney A, Hofman A, Homuth G, Hui J, Igl W, Iribarren C, Isomaa B, Jacobs KB, Jarick I, Jewell E, John U, Jorgensen T, Jousilahti P, Jula A, Kaakinen M, Kajantie E, Kaplan LM, Kathiresan S, Kettunen J, Kinnunen L, Knowles JW, Kolcic I, König IR, Koskinen S, Kovacs P, Kuusisto J, Kraft P, Kvaloy K, Laitinen J, Lantieri O, Lanzani C, Launer LJ, Lecoeur C, Lehtimäki T, Lettre G, Liu J, Lokki ML, Lorentzon M, Luben RN, Ludwig B, Manunta P, Marek D, Marre M, Martin NG, McArdle WL, McCarthy A, McKnight B, Meitinger T, Melander O, Meyre D, Midthjell K, Montgomery GW, Morken MA, Morris AP, Mulic R, Ngwa JS, Nelis M, Neville MJ, Nyholt DR, O'Donnell CJ, O'Rahilly S, Ong KK, Oostra B, Pare G, Parker AN, Perola M, Pichler I, Pietilainen KH, Platou CG, Polasek O, Pouta A, Rafelt S, Raitakari O, Rayner NW, Ridderstrale M, Rief W, Ruukonen A, Robertson NR, Rzehak P, Salomaa V, Sanders AR, Sandhu MS, Sanna S, Saramies J, Savolainen MJ, Scherag S, Schipf S, Schreiber S, Schunkert H, Silander K, Sinisalo J, Siscovick DS, Smit JH, Soranzo N, Sovio U, Stephens J, Surakka I, Swift AJ, Tammesoo ML, Tardif JC, Teder-Laving M, Teslovich TM, Thompson JR, Thomson B, Tonjes A, Tuomi T, van Meurs JB, Van Ommen GJ: Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics* 42:937-948, 2010.

[\[Pub-Med\]](#)

29. Winterer G, Mittelstrass K, Giegling I, Lamina C, Fehr C, Brenner H, Breitling LP, Nitz B, Raum E, Müller H, Gallinat J, Gal A, Heim K, Prokisch H, Meitinger T, Hartmann AM, Moller HJ, Gieger C, Wichmann HE, Illig T, Dahmen N, Rujescu D: Risk gene variants for nicotine dependence in the

- CHRNA5-CHRNA3-CHRNA4 cluster are associated with cognitive performance. *American Journal of Medical Genetics, Part B Neuropsychiatric Genetics* 5:153B:1448-1458, 2010. [\[Pub-Med\]](#)
30. Suhre K, Meisinger C, Döring A, Altmaier E, Belcredi P, Gieger C, Chang D, Milburn MV, Gall WE, Weinberger KM, Mewes HW, Hrabé de Angelis M, Wichmann HE, Kronenberg F, Adamski J, Illig T: Metabolic footprint of diabetes: a multiplatform metabolomics study in an epidemiological setting. *PLoS One* 5:e13953, 2010. [\[Pub-Med\]](#)
31. Zlomy M, Würzner R, Holzmann H, Brandstätter A, Jeller V, Zimmerhackl LB, Prelog M: Antibody dynamics after tick-borne encephalitis and measles-mumps-rubella vaccination in children post early thymectomy. *Vaccine* 28:8053-60, 2010. [\[Pub-Med\]](#)
32. Bakris G, Vassalotti J, Ritz E, Wanner C, Stergiou G, Molitch M, Nesto R, Kaysen GA, Sowers JR, for the CKD Consensus Working Group (Ritz E, Batlle D, Bidani AK, Griffin KA, Johnson BM, Messerli FH, Parati G, Ruggenenti P, Stergiou GS, Thames TA, Wanner C, Kaysen GA, Danesh FR, Fox C, Haffner SM, Hinderliter A, Holdaas H, Ikewaki K, Kalantar-Zadeh K, Kronenberg F, März W, Massy ZA, Parekh RS, Reitz RE, Ruan XZ, Samuelsson O, Shoji T, Tonelli M, Sowers JR, Cersosimo E, de Boer IH, Hellman R, Hsueh WA, Johnson CA, Knowler WC, Orchard TJ, Rosenzweig JL, Salameh WA, Tuttle KR, Whaley-Connell AT, Bakris G, Nesto RW, Brown WW, Chen HH, Daugirdas JT, Dries DL, Januzzi JL Jr, Jurkovitz C, Mann JF, Martin DC, Molony DA, Obialo C, Powers DR, Sane DC, Saran R, Shlipak MG, Davidson MH): National Kidney Foundation consensus conference on cardiovascular and kidney diseases and diabetes risk: an integrated therapeutic approach to reduce events. *Kidney International* 78:726-736, 2010. [\[Pub-Med\]](#)
33. Kronenberg F: Association of bilirubin with cardiovascular outcomes. More hype than substance? *Circulation: Cardiovascular Genetics* 3:308-310, 2010 (Editorial). [\[Pub-Med\]](#)
34. Kronenberg F, Lamina C: The evaporation of positive genetic association findings. When time has come to go. *Atherosclerosis* 213:30-2, 2010. (Invited Commentary). [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2009

* Authors contributed equally

1. Aulchenko YS, Ripatti S, Lindquist I, Boomsma D, Heid IM, Pramstaller PP, Penninx BWJH, Janssens ACJW, Wilson JF, Spector T, Martin NG, Pedersen NL, Kyvik KO, Kaprio J, Hofman A, Freimer NB, Jarvelin MR, Gyllenstein U, Campbell H, Rudan I, Johansson A, Marroni F, Hayward C, Vitart V, Jonasson I, Pattaro C, Wright A, Hastie N, Pichler I, Hicks A, Falchi M, Willemsen G, Hottenga JJ, de Geus EJC, Montgomery GW, Whitfield J, Magnusson P, Saharinen J, Perola M, Silander K, Isaacs A, Sijbrands EJG, Uitterlinden AG, Witteman JCM, Oostra BA, Elliott P, Ruokonen A, Sabatti C, Gieger C, Meitinger T, Kronenberg F, Döring A, Wichmann HE, Smit JH, McCarthy MI, van Duijn CM, Peltonen L, for the ENGAGE consortium: Loci influencing lipid levels and coronary heart disease risk in 16 European population cohorts. *Nature Genetics* 41:47-55, 2009. [\[Pub-Med\]](#)
2. Kollerits B, Coassin S, Beckmann ND, Teumer A, Kiechl S, Döring A, Kavousi M, Hunt SC, Lamina C, Paulweber B, Kutalik Z, Nauck M, Van Duijn CM, Heid IM, Willeit J, Brandstätter A, Adams TD, Mooser V, Aulchenko YS, Völzke H, Kronenberg F: Genetic evidence for a role of adiponutrin in the metabolism of apolipoprotein B-containing lipoproteins. *Human Molecular Genetics* 18:4669-4676, 2009. [\[Pub-Med\]](#)
3. Boes E, Coassin S, Kollerits B, Heid IM, Kronenberg F: Genetic-epidemiological evidence on genes associated with HDL cholesterol levels: A systematic in-depth review. *Experimental Gerontology* 44:136-160, 2009. [\[Pub-Med\]](#)

4. Schoenherr S, Weissensteiner H, Coassin S, Specht G, Kronenberg F, Brandstätter A: eCOMPAGT - efficient Combination and Management of Phenotypes and Genotypes for Genetic Epidemiology. *BMC Bioinformatics* 10:139, 2009. [\[Pub-Med\]](#)
5. Brandstätter A, Lingenhel A, Zwiauer K, Strobl W, Kronenberg F: Decrease of Lp(a) during weight reduction in obese children is modified by the apo(a) kringle-IV copy number variation. *International Journal of Obesity* 33:1136-1142, 2009. [\[Pub-Med\]](#)
6. Kratzer I, Bernhart E, Wintersperger A, Hammer A, Waltl S, Malle E, Sperk G, Wietzorrek G, Dieplinger H, Sattler W: Afamin is synthesized by cerebrovascular endothelial cells and mediates alpha-tocopherol transport across an in vitro model of the blood-brain barrier. *Journal of Neurochemistry* 108:707-718, 2009. [\[Pub-Med\]](#)
7. Dieplinger B, Mueller T, Kollerits B, Struck J, Ritz E, von Eckardstein A, Haltmayer M, Kronenberg F, for the MMKD Study Group: Pro-A-type natriuretic peptide and proadrenomedullin predict progression of chronic kidney disease: the MMKD Study. *Kidney International* 75:408-414, 2009. [\[Pub-Med\]](#)
8. Lin J-P, Schwaiger JP, Cupples LA, O'Donnell CJ, Zheng G, Schoenborn V, Hunt SC, Joo J, Kronenberg F: Conditional linkage and genome-wide association studies identify UGT1A1 as a major gene for anti-atherogenic serum bilirubin levels – The Framingham Heart Study. *Atherosclerosis* 206:228-233, 2009. [\[Pub-Med\]](#)
9. Ehrlenbach S, Willeit P, Kiechl S, Willeit J, Reindl M, Schanda K, Kronenberg F, Brandstätter A: Influences on the reduction of relative telomere length over ten years in the population-based Bruneck Study: introduction of a well-controlled high-throughput assay. *International Journal of Epidemiology* 38:1725-1734, 2009. [\[Pub-Med\]](#)
10. Prelog M, Keller M, Geiger R, Brandstätter A, Würzner R, Schweigmann R, Zimmerhackl LB, Grubeck-Loebenstein B: Thymectomy in early childhood: significant alterations of the CD4(+)/CD45RA(+)/CD62L(+) T-cell compartment in later life. *Clinical Immunology* 130:123-132, 2009. [\[Pub-Med\]](#)
11. Huth C, Illig T, Herder C, Gieger C, Grallert H, Vollmert C, Rathmann W, Hamid YH, Pedersen O, Hansen T, Thorand B, Meisinger C, Döring A, Klopp N, Gohlke H, Lieb W, Hengstenberg C, Lyssenko V, Groop L, Ireland H, Mather H, Stephens JW, Miller GJ, Wernstedt I, Jansson JO, Boeing H, Stingham HM, Boehnke M, Tuomilehto J, Fernandez-Real JM, Lopez-Bermejo A, Gallart L, Vendrell J, Humphries SE, Kronenberg F, Wichmann HE, Heid IM: Joint Analysis of Individual Participants' Data from 17 Studies on the Association of the IL6 Variant -174G>C with Plasma Glucose, Interleukin-6 Levels, and Body-Mass Index. *Annals of Medicine* 41:128-138, 2009. [\[Pub-Med\]](#)
12. Hersberger M, Müller M, Marti-Jaun J, Heid IM, Coassin S, Young TF, Waechter V, Hengstenberg C, Meisinger C, Peters A, Koenig W, Holmer S, Schunkert H, Klopp N, Kronenberg F, Illig T: No association of the two functional polymorphisms in human ALOX15 with myocardial infarction. *Atherosclerosis* 205:192-196, 2009. [\[Pub-Med\]](#)
13. Lhotta K, Gehringer A, Jennings P, Kronenberg F, Brezinka C, Andersone I, Strazdins V: Familial Juvenile Hyperuricemic Nephropathy: Report on a New Mutation and a Pregnancy. *Clinical Nephrology* 71:80-83, 2009. [\[Pub-Med\]](#)
14. Breitling LP, Dahmen N, Mittelstraß K, Rujescu D, Gallinat J, Fehr C, Giegling I, Lamina C, Illig T, Müller H, Raum E, Rothenbacher D, Wichmann HE, Brenner H, Winterer G: Association of nicotinic acetylcholine receptor subunit $\alpha 4$ polymorphisms with nicotine dependence in 5500 Germans. *Pharmacogenomics Journal* 9:219-224, 2009. [\[Pub-Med\]](#)
15. N'Diaye M, Le Ferrec E, Kronenberg F, Dieplinger H, Le Vee M, Fardel O: TNF α - and NF- κ B-dependent induction of the chemokine CCL1 in human macrophages exposed to the atherogenic lipoprotein(a). *Life Sciences* 84:451-457, 2009. [\[Pub-Med\]](#)
16. Lindgren CM*, Heid IM*, Randall JC*, Lamina C*, Steinthorsdottir V*, Qi L, Speliotes EK, Thorleifsson G, Willer CJ, Herrera BM, Jackson AU, Lim N, Scheet P, Soranzo N, Amin N, Aulchenko

- YS, Chambers JC, Drong A, Luan J, Lyon HN, Rivadeneira F, Sanna S, Timpson NJ, Zillikens MC, Zhao JH, Almgren P, Bandinelli S, Bennett AJ, Bergman RN, Bonnycastle LL, Bumpstead SJ, Chanock SJ, Cherkas L, Chines P, Coin L, Cooper C, Crawford G, Doering A, Dominiczak A, Doney AS, Ebrahim S, Elliott P, Erdos MR, Estrada K, Ferrucci L, Fischer G, Forouhi NG, Gieger C, Grallert H, Groves CJ, Grundy S, Guiducci C, Hadley D, Hamsten A, Havulinna AS, Hofman A, Holle R, Holloway JW, Illig T, Isomaa B, Jacobs LC, Jameson K, Jousilahti P, Karpe F, Kuusisto J, Laitinen J, Lathrop GM, Lawlor DA, Mangino M, McArdle WL, Meitinger T, Morken MA, Morris AP, Munroe P, Narisu N, Nordstrom A, Nordstrom P, Oostra BA, Palmer CN, Payne F, Peden JF, Prokopenko I, Renstrom F, Ruukonen A, Salomaa V, Sandhu MS, Scott LJ, Scuteri A, Silander K, Song K, Yuan X, Stringham HM, Swift AJ, Tuomi T, Uda M, Vollenweider P, Waeber G, Wallace C, Walters GB, Weedon MN, Witteman JC, Zhang C, Zhang W, Caulfield MJ, Collins FS, Davey SG, Day IN, Franks PW, Hattersley AT, Hu FB, Jarvelin MR, Kong A, Kooner JS, Laakso M, Lakatta E, Mooser V, Morris AD, Peltonen L, Samani NJ, Spector TD, Strachan DP, Tanaka T, Tuomilehto J, Uitterlinden AG, Van Duijn CM, Wareham NJ, Watkins For The Procardis Consortia, Waterworth DM, Boehnke M, Deloukas P, Groop L, Hunter DJ, Thorsteinsdottir U, Schlessinger D, Wichmann HE, Frayling TM, Abecasis GR, Hirschhorn JN, Loos RJ, Stefansson K, Mohlke KL, Barroso I, McCarthy, for The Giant Consortium: Genome-wide association scan meta-analysis identifies three loci Influencing adiposity and fat distribution. *PLoS Genetics* 5:e1000508, 2009. [\[Pub-Med\]](#)
17. Kolz M, Johnson T, Sanna S, Teumer A, Vitart V, Perola M, Mangino M, Albrecht E, Wallace C, Farrall M, Johansson A, Nyholt DR, Aulchenko Y, Beckmann JS, Bergmann S, Bochud M, Brown M, Campbell H, Connell J, Dominiczak A, Homuth G, Lamina C, McCarthy MI, Meitinger T, Mooser V, Munroe P, Nauck M, Peden J, Prokisch H, Salo P, Salomaa V, Samani NJ, Schlessinger D, Uda M, Volker U, Waeber G, Waterworth D, Wang-Sattler R, Wright AF, Adamski J, Whitfield JB, Gyllenstein U, Wilson JF, Rudan I, Pramstaller P, Watkins H, Doering A, Wichmann HE, Spector TD, Peltonen L, Volzke H, Nagaraja R, Vollenweider P, Caulfield M, Illig T, Gieger C: Meta-Analysis of 28,141 Individuals Identifies Common Variants within Five New Loci That Influence Uric Acid Concentrations. *PLoS Genetics* 5:e1000504, 2009. [\[Pub-Med\]](#)
18. Irwin JA, Saunier JL, Niederstätter H, Strouss KM, Sturk KA, Diegoli TM, Brandstätter A, Parson W, Parson TJ: Investigation of Heteroplasmy in the Human Mitochondrial DNA Control Region: A Synthesis of Observations from More Than 5000 Global Population Samples. *Journal of Molecular Evolution* 68:516-527, 2009. [\[Pub-Med\]](#)
19. Füreder L, Summerer M, Brandstätter A: Phylogeny and species composition of five European species of *Branchiobdella* (Annelida: Clitellata: Branchiobdellida) reflect the biogeographic history of three endangered crayfish species. *Journal of Zoology* 279:164-172, 2009.
20. Dieplinger H, Ankerst DP, Burges A, Lenhard M, Lingenhel A, Fineder L, Buchner H, Stieber P: Afamin an Apolipoprotein A-IV: Novel Protein Markers for Ovarian Cancer. *Cancer Epidemiology, Biomarkers & Prevention* 18:1127-33, 2009. [\[Pub-Med\]](#)
21. Egg M, Höckner M, Brandstätter A, Schuler D, Dallinger R: Structural and bioinformatic analysis of the Roman Snail Cd-Metallothionein gene uncovers molecular adaptation towards plasticity in coping with multifarious environmental stress. *Molecular Ecology* 18:2426-2443, 2009. [\[Pub-Med\]](#)
22. Marquard V, Beckmann L, Heid IM, Lamina C, Chang-Claude J: Impact of genotyping errors on the type I error rate and the power of haplotype-based association methods. *BMC Genetics* 10:3, p1-12, 2009. [\[Pub-Med\]](#)
23. Di Serio C, Lamina C: Investigating Determinants of Multiple Sclerosis in Longitunal Studies: A Bayesian Approach. *Journal of Probability and Statistics* Article ID 198320:1-24, 2009.
24. Gnewuch C, Liebisch G, Langmann T, Dieplinger B, Mueller T, Haltemayer M, Dieplinger H, Zahn A, Stremmel W, Rogler G, Schmitz G. Serum bile acid profiling reflects enterohepatic detoxification state and intestinal barrier function in inflammatory bowel disease. *World Journal of Gastroenterology* 2009; 15: 3134-3141. [\[Pub-Med\]](#)

25. Bernini F, Freeman D, Groen A, Heeren J, Kalopissis A, Kronenberg F, Linstedt K, Parini P, Schuster G, Tybaerg-Hansen A, Van Dijk KW, von Eckardstein A: European Lipoprotein Club: Report of the 31st ELC Annual Conference, Tutzing, 8-11 September 2008. *Atherosclerosis* 205:41-47, 2009. [\[Pub-Med\]](#)
26. Heid IM, Huth C, Loos RJF, Kronenberg F, Adamkova V, Anand SS, Ardlie K, Biebermann H, Bjerregaard P, Boeing H, Bouchard C, Ciullo M, Cooper JA, Corella D, Dina C, Engert JC, Fisher E, Frances F, Froguel P, Hebebrand J, Hegele RA, Hinney A, Hoehe MR, Hu FB, Hubacek JA, Humphries SE, Hunt SC, Illig T, Jarvelin MR, Kaakinen M, Kollerits B, Krude H, Kumar J, Lange LA, Langer B, Li S, Luchner A, Lyon HN, Meyre D, Mohlke KL, Mooser V, Nebel A, Nguyen TT, Paulweber B, Perusse L, Qi L, Rankinen T, Rosskopf D, Schreiber S, Sengupta S, Sorice R, Suk A, Thorleifsson G, Thorsteinsdottir U, Völzke H, Vimalaswaran KS, Wareham NJ, Waterworth D, Yusuf S, Lindgren C, McCarthy MI, Lange C, Hirschhorn JN, Laird N, Wichmann HE: Meta-analysis of the *INSIG2* association with obesity including 74,345 individuals: does heterogeneity of estimates relate to study design? *PLoS Genetics* 5: e1000694, 2009. [\[Pub-Med\]](#)
27. Zimmermann B, Bodner M, Amory S, Fendt L, Röck A, Horst D, Horst B, Sanguanserm Sri T, Parson W, Brandstätter A: Forensic and phylogeographic characterization of mtDNA lineages from northern Thailand (Chiang Mai). *International Journal of Legal Medicine* 123:495-501, 2009 [\[Pub-Med\]](#)
28. Hofer J, Hofer S, Zlamy M, Jeller V, Koppelstaetter C, Brandstätter A, Kern H, Köhle J, Zimmerhackl LB, Prelog M: Elevated proportions of recent thymic emigrants in children with long-standing type 1 diabetes. *Rejuvenation Research* 12:311-320, 2009. [\[Pub-Med\]](#)
29. Kronenberg F: Emerging risk factors and markers of chronic kidney disease progression. *Nature Reviews Nephrology* 5:677-689, 2009. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2008

* Authors contributed equally

1. Boes E, Kollerits B, Heid IM, Hunt SC, Pichler M, Paulweber B, Coassin S, Adams TD, Hopkins PN, Lingenhel A, Wagner SA, Kronenberg F: *INSIG2* polymorphism is neither associated with body mass index nor with phenotypes of lipoprotein metabolism. *Obesity* 16:827-833, 2008. [\[Pub-Med\]](#)
2. Sturm G, Kollerits B, Neyer U, Ritz E, Kronenberg F, for the MMKD Study Group: Uric acid as a risk factor for progression of non-diabetic chronic kidney disease? The Mild to Moderate Kidney Disease (MMKD) Study. *Experimental Gerontology* 43:347-352, 2008. [\[Pub-Med\]](#)
3. Döring A*, Gieger C*, Mehta D, Gohlke H, Prokisch H, Coassin S, Fischer G, Henke K, Klopp N, Kronenberg F, Paulweber B, Pfeufer A, Rosskopf D, Völzke H, Illig T, Meitinger T, Wichmann HE, Meisinger C: *SLC2A9* influences uric acid concentrations with pronounced sex-specific effects. *Nature Genetics* 40:430-436, 2008. [\[Pub-Med\]](#)
4. Rantner B, Kollerits B, Anderwald-Stadler M, Klein-Weigel P, Gruber I, Gehringer A, Haak M, Schnapka-Köpf M, Fraedrich G, Kronenberg F: Association between the UGT1A1 TA-repeat polymorphism and bilirubin concentrations in patients with intermittent claudication: results from the CAVASIC Study. *Clinical Chemistry* 54:851-857, 2008. [\[Pub-Med\]](#)
5. Brandstätter A, Kiechl S, Kollerits B, Hunt SC, Heid IM, Coassin S, Willeit J, Adams TD, Illig T, Hopkins PN, Kronenberg F: Sex-specific association of the putative fructose transporter *SLC2A9* variants with uric acid levels is modified by BMI. *Diabetes care* 31:1662-1667, 2008. [\[Pub-Med\]](#)
6. Heid IM, Boes E, Müller AM, Kollerits B, Lamina C, Coassin S, Gieger C, Döring A, Klopp N, Frikke-Schmidt R, Tybjaerg-Hansen A, Brandstätter A, Luchner A, Meitinger T, Wichmann HE, Kronenberg

- F: Genome-wide association analysis of high-density lipoprotein cholesterol in the population-based KORA Study sheds new light on intergenic regions. *Circulation: Cardiovascular Genetics* 1:10-20, 2008. [\[Pub-Med\]](#)
7. Pichler M, Kollerits B, Heid IM, Hunt SC, Adams TD, Hopkins PN, Kronenberg F: Association of the melanocortin-4 receptor V103I polymorphism with dietary intake in severely obese individuals. *American Journal of Clinical Nutrition* 88:797-800, 2008. [\[Pub-Med\]](#)
 8. Lingenhel A*, Kollerits B*, Schwaiger JP, Hunt SC, Gress R, Hopkins PN, Schoenborn V, Heid IM, Kronenberg F: Serum bilirubin levels, UGT1A1 polymorphisms and risk for coronary artery disease. *Experimental Gerontology* 43:1102-1107, 2008. [\[Pub-Med\]](#)
 9. Kollerits B, Heinrich J, Pichler M, Rantner B, Klein-Weigel P, Wölke G, Brasche S, Strube G, Kronenberg F: Intermittent claudication in the Erfurt Male Cohort (ERFORT) Study: Its determinants and the impact on mortality. A population-based prospective cohort study with 30 years of follow-up. *Atherosclerosis* 198:214-222, 2008. [\[Pub-Med\]](#)
 10. Brandstätter A, Zimmermann B, Wagner J, Goebel T, Roeck AM, Salas A, Carracedo A, Parson W: Timing and deciphering mitochondrial DNA macro-haplogroup R0 variability in Central Europe and Middle East. *BMC Evolutionary Biology* 8:191, 2008. [\[Pub-Med\]](#)
 11. Coassin S, Brandstätter A, Kronenberg F: An optimized procedure for the design and evaluation of Ecotilling assays. *BMC Genomics* 9:510, 2008. [\[Pub-Med\]](#)
 12. Rosenberger A, Illig T, Korb K, Klopp N, Zietemann V, Wölke G, Meese E, Sybrecht G, Kronenberg F, Cebulla M, Degen M, Drings P, Gröschel A, Konietzko N, Grosse Kreymborg K, Häußinger K, Höffken G, Jilge B, Ko YD, Morr H, Schmidt C, Schmidt EW, Täuscher D, Bickeböller H, Wichmann HE: Do genetic factors protect for early onset lung cancer? A case control study before the age of 50 years. *BMC Cancer* 8:60, 2008. [\[Pub-Med\]](#)
 13. Heid IM, Vollmert C, Kronenberg F, Huth C, Ankerst D, Luchner A, Hinney A, Brönnner G, Wichmann HE, Illig T, Döring A, Hebebrand J: Association of the *MC4R* V103I polymorphism with the metabolic syndrome: the KORA Study. *Obesity* 16:369-376, 2008. [\[Pub-Med\]](#)
 14. Eller P, Hochegger K, Feuchtner GM, Zitt E, Trancevski I, Ritsch A, Kronenberg F, Rosenkranz A, Patsch JR, Mayer G: Impact of ENPP1 genotype on arterial calcification in patients with end-stage renal failure. *Nephrology Dialysis Transplantation* 23:321-327, 2008. [\[Pub-Med\]](#)
 15. Müller AM, Döring A, Küchenhoff H, Lamina C, Malzahn D, Bickeböller H, Vollmert C, Klopp N, Meisinger C, Heinrich J, Kronenberg F, Wichmann HE, Heid IM: Quantifying the contribution of genetic variants for survival phenotypes. *Genetic Epidemiology* 32:574-585, 2008. [\[Pub-Med\]](#)
 16. Ye S, Willeit J, Kronenberg F, Xu Q, Kiechl S: Association of genetic variation on chromosome 9p21 with susceptibility and progression of atherosclerosis. A population-based, prospective study. *Journal of the American College of Cardiology* 52:378-384, 2008. [\[Pub-Med\]](#)
 17. Lasky-Su J, Lyon HN, Emilsson V, Heid IM, Molony C, Raby BA, Lazarus R, Klanderma B, Soto-Quiros ME, Avila L, Silverman EK, Thorleifsson G, Thorsteinsdottir U, Kronenberg F, Vollmert C, Illig T, Fox CS, Levy D, Laird N, Ding X, McQueen M, Butler J, Ardlie K, Papoutsakis C, Dedoussis G, O'Donnell CJ, Wichmann HE, Celedón JC, Schadt E, Hirschhorn J, Weiss ST, Stefansson K, Lange C: On the replication of genetic associations: Timing can be everything! *American Journal of Human Genetics* 82:849-858, 2008. [\[Pub-Med\]](#)
 18. Sauter W, Rosenberger A, Beckmann L, Kropp S, Mittelstrass K, Timofeeva M, Wölke G, Steinwachs A, Scheiner D, Meese E, Sybrecht G, Kronenberg F, Dienemann H, The LUCY Consortium, Chang-Claude J, Illig T, Wichmann HE, Bickeböller H, Risch A: Matrix Metalloproteinase 1 (MMP1) is associated with early onset lung cancer. *Cancer Epidemiology Biomarkers & Prevention* 17:1127-1135, 2008. [\[Pub-Med\]](#)

19. Heid IM, Lamina C, Küchenhoff H, Fischer G, Klopp N, Kolz M, Grallert H, Vollmert C, Wagner S, Huth C, Müller J, Müller M, Hunt SC, Peters A, Paulweber B, Wichmann HE, [Kronenberg F](#), Illig T: Estimating the single nucleotide polymorphism genotype misclassification from routine double measurements in a large epidemiologic sample. *American Journal of Epidemiology* 168:878-889, 2008. [\[Pub-Med\]](#)
20. Meraner A, [Brandstätter A](#), Thaler R, Aray B, Unterlechner M, Niederstätter H, Parson W, Zelger R, Dalla Via J: Molecular phylogeny and population structure of the codling moth (*Cydia pomonella*) in Central Europe: I. Ancient clade splitting revealed by mitochondrial haplotype markers. *Molecular Phylogenetics and Evolution* 48:825-837, 2008. [\[Pub-Med\]](#)
21. Thaler R, [Brandstätter A](#), Meraner A, Chabiocovski M, Parson W, Zelger R, Dalla Via J: Molecular phylogeny and population structure of the codling moth (*Cydia pomonella*) in Central Europe: II. AFLP analysis reflects human-aided local adaptation of global pest species. *Molecular Phylogenetics and Evolution* 48:838-849, 2008. [\[Pub-Med\]](#)
22. Gieger C, Geistlinger L, Altmaier E, Hrabé de Angelis M, [Kronenberg F](#), Meitinger T, Mewes HW, Wichmann HE, Weinberger KM, Adamski J, Illig T, Suhre K: Genetics meets metabolomics: a genome-wide association study of metabolite profiles in human serum. *PLoS Genetics* 4:1000282, 2008. [\[Pub-Med\]](#)
23. Linsel-Nitschke P, Götz A, Erdmann J, Braenne I, Braund P, Hengstenberg C, Stark K, Fischer M, Schreiber S, El Mokhtari NE, Schaefer A, Schrezenmeier J, Rubin D, Hinney A, Reinehr T, Roth C, Ortlepp J, Hanrath P, Hall A, Mangino M, Lieb W, Lamina C, Heid IM, Döring A, Gieger C, Peters A, Meitinger T, Wichmann HE, Koenig I, Ziegler A, [Kronenberg F](#), Samani NJ, Schunkert H, for the Wellcome Trust Case Control Consortium (WTCCC) and the Cardiogenics Consortium: Lifelong reduction of LDL-cholesterol related to a common variant in the LDL-receptor gene decreases the risk of coronary artery disease - a Mendelian randomisation study. *PLoS ONE* 3:e2986, 2008. [\[Pub-Med\]](#)
24. Hofker M, Bernini F, Von Eckardstein A, Freeman D, Heeren J, Karpe F, Kalopissis A, [Kronenberg F](#), Kuipers F, Linstedt K, Parini P, Schuster G, Van Dijk KW: European Lipoprotein Club: Report of the 30th ELC Annual Conference, Tutzing, 3-6 September 2007. *Atherosclerosis* 197:471-9, 2008. [\[Pub-Med\]](#)
25. [Kronenberg F](#): Genome-wide association studies in aging-related processes such as diabetes mellitus, atherosclerosis and cancer. *Experimental Gerontology* 43:39-43, 2008. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2007

* Authors contributed equally

1. [Kollerits B*](#), Fliser D*, Heid IM, Ritz E, [Kronenberg F](#), for the MMKD Study Group: Gender-specific association of adiponectin as a predictor of progression of chronic kidney disease: The Mild to Moderate Kidney Disease Study. *Kidney International* 71:1279-1286, 2007. [\[Pub-Med\]](#)
2. [Frischmann ME](#), [Kronenberg F](#), [Trenkwalder E](#), Schaefer J, Schweer H, Dieplinger B, König P, Ikewaki K, [Dieplinger H](#): In vivo turnover study demonstrates diminished clearance of lipoprotein(a) in hemodialysis patients. *Kidney International* 71:1036-1043, 2007. [\[Pub-Med\]](#)
3. [Schoenborn V](#), Gohlke H, Heid IM, Illig T, Utermann G, [Kronenberg F](#): Sample selection algorithm to improve quality of genotyping from plasma-derived DNA: to separate the wheat from the chaff. *Human Mutation* 28:1141-1149, 2007. [\[Pub-Med\]](#)
4. Spanaus K-S, [Kronenberg F](#), Ritz E, Schlapbach R, Fliser D, Hersberger M, [Kollerits B](#), König P, Von Eckardstein A, for the MMKD Study Group: B-type natriuretic peptide concentrations predict the

- progression of non-diabetic chronic kidney disease: The Mild-to-Moderate Kidney Disease Study. *Clinical Chemistry* 53:1264-1272, 2007. [\[Pub-Med\]](#)
5. Broedl UC, Schachinger V, Lingenhel A, Lehrke M, Stark R, Seibold F, Göke B, Kronenberg F, Parhofer KG, Konrad-Zerna A: Apolipoprotein A-IV is an independent predictor of disease activity in patients with inflammatory bowel disease. *Inflammatory Bowel Disease* 13:391-397, 2007. [\[Pub-Med\]](#)
 6. Dieplinger B, Lingenhel A, Baumgartner N, Poelz W, Dieplinger H, Haltmayer M, Kronenberg F, Mueller T: Increased serum lipoprotein(a) concentrations and low molecular weight phenotypes of apolipoprotein(a) are associated with symptomatic peripheral arterial disease. *Clinical Chemistry* 53:1298-1305, 2007. [\[Pub-Med\]](#)
 7. Vollmert C, Hahn S, Lamina C, Huth C, Kolz M, Schöpfer-Wendels A, Mann K, Bongardt F, Müller J, Kronenberg F, Wichmann HE, Herder C, Holle R, Löwel H, Illig T, Janssen OE, the KORA group: Calpain-10 variants and haplotypes are associated with polycystic ovary syndrome in Caucasians. *American Journal of Physiology, Endocrinology and Metabolism* 292:E836-E844, 2007. [\[Pub-Med\]](#)
 8. Müller T, Koppikar S, Taylor RM, Carragher F, Schlenck B, Heinz-Erian P, Kronenberg F, Ferenci P, Tanner S, Siebert U, Staudinger R, Mieli-Vergani G, Dhawan A: Re-evaluation of the penicillamine challenge test in the diagnosis of Wilson's disease in children. *Journal of Hepatology* 47:270-276, 2007. [\[Pub-Med\]](#)
 9. Zitt N, Kollerits B, Neyer U, Mark W, Heininger D, Mayer G, Kronenberg F, Lhotta K: Cigarette smoking and chronic allograft nephropathy. *Nephrology Dialysis Transplantation* 22:3034-3039, 2007. [\[Pub-Med\]](#)
 10. Fliser D*, Kollerits B*, Neyer U, Ankerst DK, Lhotta K, Lingenhel A, Ritz E, Kronenberg F, for the MMKD Study Group: Fibroblast Growth Factor 23 (FGF23) predicts progression of chronic kidney disease: The Mild to Moderate Kidney Disease (MMKD) Study. *Journal of the American Society of Nephrology* 18:2600-2608, 2007. [\[Pub-Med\]](#)
 11. Kiechl S, Willeit J, Mayr M, Viehweider B, Oberhollenzer F, Kronenberg F, Wiedermann CJ, Oberthaler S, Xu Q, Witztum JL, Tsimikas S: Oxidized Phospholipids, Lipoprotein(a), Lipoprotein-Associated Phospholipase A2 Activity and 10-Year Cardiovascular Outcomes: Prospective Results from the Bruneck Study. *Arteriosclerosis Thrombosis and Vascular Biology* 27:1788-1795, 2007. [\[Pub-Med\]](#)
 12. Klein-Weigel P, Pavelka M, Dabernig J, Rein P, Kronenberg F, Fraedrich G, Piza-Katzer H: Macro- and microcirculatory assessment of cold sensitivity after traumatic finger amputation and microsurgical replantation. *Archives of Orthopaedic and Trauma Surgery* 127:355-360, 2007. [\[Pub-Med\]](#)
 13. Orsó E, Moehle C, Boettcher A, Szakszon K, Werner T, Langmann T, Liebisch G, Buechler C, Ritter M, Kronenberg F, Dieplinger H, Bornstein SR, Stremmel W, Schmitz G: The satiety factor apolipoprotein A-IV modulates intestinal epithelial permeability through its interaction with α -catenin: implications for inflammatory bowel diseases. *Hormon and Metabolic Research* 39:601-611, 2007. [\[Pub-Med\]](#)
 14. Kerber M, Oberkanins C, Kriegshauser G, Kollerits B, Dossenbach-Glaninger A, Fuchs D, Ledochowski M: Hydrogen breath testing versus LCT genotyping for the diagnosis of lactose intolerance: A matter of age? *Clinica Chimica Acta* 383:91-96, 2007. [\[Pub-Med\]](#)
 15. Grallert H, Sedlmeier EM, Huth C, Kolz M, Heid IM, Meisinger C, Herder C, Strassburger K, Gehring A, Haak M, Giani G, Kronenberg F, Wichmann HE, Adamski J, Paulweber B, Illig T, Rathmann W: APOA5 variants and metabolic syndrome in Caucasians. *Journal of Lipid Research* 48:2614-2621, 2007. [\[Pub-Med\]](#)
 16. Jackson D, Craven RA, Richard, Hutson C, Graze I, Lueth P, Tonge RP, Hartley JL, Nickson JA, Rayner SJ, Johnston C, Dieplinger B, Hubalek M, Wilkinson N, Perren TJ, Kehoe S, Hall GD, Daxenbichler G, Dieplinger H, Selby PJ, Banks RE : Proteomic Profiling Identifies Afamin as a Potential Biomarker for Ovarian Cancer. *Clinic Cancer Research* 13: 7370-7379, 2007 [\[Pub-Med\]](#)

17. Kwan BCH, Kronenberg F, Beddhu S, Cheung AK: Lipoprotein metabolism and lipid management in chronic kidney disease. *Journal of the American Society of Nephrology* 18:1246-1261, 2007 (invited review). [\[Pub-Med\]](#)
18. Kronenberg F, Heid IM: Genetik intermediärer Phänotypen. *Medizinische Genetik* 19:304-308, 2007.
19. Klein-Weigel P, Kronenberg F: Neue kardiovaskuläre Risikofaktoren - Ist die Suche danach sinnvoll? *Zeitschrift für Gefäßmedizin* 4(4):10-13, 2007.
20. Hofker M, Calabresi L, Heeren J, Karpe F, Kalopissis A, Kronenberg F, Kuipers F, Linstedt K, Parini P, Schuster G, Van Dijk KW: European Lipoprotein Club: Report of the 29th ELC Annual Conference, Tutzing, 4-7 September 2006. *Atherosclerosis* 193:461-468, 2007. [\[Pub-Med\]](#)
21. Kronenberg F, Ikewaki K, Schaefer JR, König P, Dieplinger H: Kinetic studies of atherogenic lipoproteins in hemodialysis patients: do they tell us more about their pathology? *Seminars in Dialysis* 20:554-560, 2007. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2006

* Authors contributed equally

1. Schoenborn V*, Heid IM*, Vollmert C*, Lingenhel A, Adams TD, Hopkins PN, Illig T, Zimmermann R, Zechner R, Hunt SC, Kronenberg F: The ATGL gene is associated with free fatty acids, triglycerides and type 2 diabetes. *Diabetes* 55:1270-1275, 2006. [\[Pub-Med\]](#)
2. Boes E, Fliser D, Ritz E, König P, Lhotta K, Mann JFE, Müller GA, Neyer U, Riegel W, Riegler P, Kronenberg F, for the MMKD Study Group: Apolipoprotein A-IV predicts progression of chronic kidney disease: The Mild to Moderate Kidney Disease (MMKD) Study. *Journal of the American Society of Nephrology* 17:528-536, 2006. [\[Pub-Med\]](#)
3. Schwaiger JP, Neyer U, Sprenger-Mähr H, Kollerits B, Mündle M, Längle M, Kronenberg F: A simple score predicts future cardiovascular events in an inception cohort of dialysis patients. *Kidney International* 70:543-548, 2006. [\[Pub-Med\]](#)
4. Kollerits B*, Auinger M*, Reisig V, Kästenbauer T, Lingenhel A, Irsigler K, Prager R, Kronenberg F: Lipoprotein(a) as a predictor of cardiovascular disease in a prospectively followed cohort of patients with type 1 diabetes. *Diabetes Care* 29:1661-1663, 2006. [\[Pub-Med\]](#)
5. Schwaiger JP, Lamina C, Neyer U, König P, Kathrein H, Sturm W, Lhotta K, Gröchenig E, Dieplinger H, Kronenberg F: Carotid plaques and their predictive value for cardiovascular disease and all-cause mortality in hemodialysis patients considering renal transplantation - A decade follow-up. *American Journal of Kidney Diseases* 47:888-897, 2006. [\[Pub-Med\]](#)
6. Lingenhel A, Lhotta K, Neyer U, Heid IM, Rantner B, Kronenberg MF, König P, Von Eckardstein A, Schober M, Dieplinger H, Kronenberg F: Role of the kidney for the metabolism of apolipoprotein A-IV: influence of the type of proteinuria. *Journal of Lipid Research* 47:2071-2079, 2006. [\[Pub-Med\]](#)
7. Lin J-P, O'Donnell CJ, Schwaiger JP, Cupples A, Lingenhel A, Hunt SC, Yang S, Kronenberg F: Association between the UGT1A1*28 allele, bilirubin levels, and coronary heart disease in the Framingham Heart Study. *Circulation* 114:1476-1481, 2006. [\[Pub-Med\]](#)
8. Lamina C, Meisinger C, Heid IM, Löwel H, Rantner B, Koenig W, Kronenberg F, for the KORA Study Group: Association of ankle-brachial index and plaques in the carotid and femoral arteries with

- cardiovascular events and total mortality in a population-based study with 13-years of follow-up. *European Heart Journal* 27:2580-2587, 2006. [\[Pub-Med\]](#)
9. Stadler M, Anderwald C, Karer T, Tura A, Kästenbauer T, Auinger M, Bieglmayer C, Wagner O, Kronenberg F, Nowotny P, Pacini G, Prager R: Increased plasma amylin in type 1 diabetic patients after kidney and pancreas transplantation - a sign of impaired beta-cell function? *Diabetes care* 29:1031-1038, 2006. [\[Pub-Med\]](#)
 10. Stadler M, Auinger M, Anderwald C, Kästenbauer T, Kramar R, Feinböck C, Irsigler K, Kronenberg F, Prager R: Long-term mortality and incidence of renal dialysis and transplantation in type 1 diabetes mellitus. *Journal of Clinical Endocrinology and Metabolism* 91:3814-3820, 2006. [\[Pub-Med\]](#)
 11. Heid IM*, Wagner SA*, Gohlke H, Iglseider B, Mueller JC, Cip P, Ladurner G, Reiter R, Stadlmayr A, Mackevics V, Illig T, Kronenberg F, Paulweber B: Genetic architecture of the *APM1* gene and its influence on adiponectin plasma levels and parameters of the metabolic syndrome in 1,727 healthy Caucasians. *Diabetes* 55:375-384, 2006. [\[Pub-Med\]](#)
 12. Rissling I, Frauscher B, Kronenberg F, Tafti M, Stiasny-Kolster K, Robyr AC, Körner Y, Oertel WH, Poewe W, Högl B, Möller JC: Daytime sleepiness and the COMT val158met polymorphism in patients with Parkinson disease. *Sleep* 29:108-111, 2006. [\[Pub-Med\]](#)
 13. Mackevics V, Heid IM, Wagner SA, Cip P, Doppelmayr H, Lejnieks A, Gohlke H, Ladurner G, Illig T, Iglseider B, Kronenberg F, Paulweber B: The adiponectin gene is associated with adiponectin levels but not with characteristics of the insulin resistance syndrome in healthy Caucasians. *European Journal of Human Genetics* 14:349-356, 2006. [\[Pub-Med\]](#)
 14. Tsimikas S*, Kiechl S*, Willeit J, Mayr M, Miller ER, Kronenberg F, Xu Q, Bergmark C, Weger S, Oberhollenzer F, Witztum JL: Oxidized phospholipids predict the presence and progression of carotid and femoral atherosclerosis and symptomatic cardiovascular disease: five-year prospective results from the Bruneck Study. *Journal of the American College of Cardiology* 47:2219-2228, 2006. [\[Pub-Med\]](#)
 15. Rantner B, Eckstein HH, Ringleb P, Woelfle KD, Bruijnen H, Schmidauer C, Fraedrich G: American Society of Anesthesiology and Rankin as predictive parameters for the outcome of carotid endarterectomy within 28 days after an ischemic stroke. *Journal of Stroke and Cerebrovascular Diseases* 15: 114-120, 2006. [\[Pub-Med\]](#)
 16. Huang HL, Stasyk T, Morandell S, Dieplinger H, Falkensammer G, Griesmacher A, Mogg M, Schreiber M, Feuerstein I, Huck CW, Stecher G, Bonn GK, Huber LA: Biomarker discovery in breast cancer serum using 2-D differential gel electrophoresis/MALDI-TOF/TOF and data validation by routine clinical assays. *Electrophoresis* 27:1641-1650, 2006. [\[Pub-Med\]](#)
 17. Kwan BCH, Beddhu S, Kronenberg F, Cheung AK: Does statin therapy improve cardiovascular outcomes in patients with type 2 diabetes receiving hemodialysis? *Nature Clinical Practice Nephrology* 2:76-77, 2006. [\[Pub-Med\]](#)
 18. Hofker M, Calabresi L, Von Eckardstein A, Heeren J, Karpe F, Kronenberg F, Kuipers F, Linstedt K, Mooser V, Rudling M, Schuster G, Van Dijk KW: European Lipoprotein Club: Report of the 28th ELC Annual Conference, Tutzing, 12-15 September 2005. *Atherosclerosis* 184:451-457, 2006.
 19. Kalantar-Zadeh K, Abbott KC, Kronenberg F, Anker SD, Horwich TB, Fonarow GC: Epidemiology of Dialysis Patients and Heart Failure Patients. *Seminars in Nephrology* 26:118-133, 2006 (Review). [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2005

* Authors contributed equally

1. Jerkovic L, Voegele AF, Chwatal S, Kronenberg F, Radcliffe CM, Wormald MR, Lobentanz EM, Ezeh B, Eller P, Dejori N, Dieplinger B, Lottspeich F, Sattler W, Uhr M, Mechtler K, Dwek RA, Rudd PM, Baier G, Dieplinger H: Afamin is a novel human vitamin E-binding glycoprotein. Characterization and in vitro expression. *Journal of Proteome Research* 4:889-899, 2005. [\[Pub-Med\]](#)
2. Haiman M, Salvenmoser W, Scheiber K, Lingenhel A, Rudolph C, Schmitz G, Kronenberg F, Dieplinger H: Immunohistochemical localization of apolipoprotein A-IV in human kidney tissue. *Kidney International* 68:1130-1136, 2005. [\[Pub-Med\]](#)
3. Ikewaki K, Schaefer JR, Frischmann ME, Okubo K, Hosoya T, Mochizuki S, Dieplinger B, Trenkwalder E, Schweer H, Kronenberg F, Koenig P, Dieplinger H: Delayed in vivo catabolism of Intermediate-Density Lipoprotein and Low-Density Lipoprotein in hemodialysis patients as potential cause of premature atherosclerosis. *Arteriosclerosis, Thrombosis and Vascular Biology* 25:2615-2622, 2005. [\[Pub-Med\]](#)
4. Becker B*, Kronenberg F*, Kielstein JT, Haller H, Morath C, Ritz E, Fliser D, for the MMKD Study Group: Renal insulin resistance syndrome, adiponectin and cardiovascular events in patients with kidney disease: The Mild and Moderate Kidney Disease (MMKD) Study. *Journal of the American Society of Nephrology* 16:1091-1098, 2005. [\[Pub-Med\]](#)
5. Fliser D*, Kronenberg F*, Kielstein JT, Morath C, Bode-Böger SM, Haller H, Ritz E, for the MMKD Study Group: Asymmetric dimethylarginine (ADMA) and progression of chronic kidney disease: The Mild to Moderate Kidney Disease (MMKD) Study. *Journal of the American Society of Nephrology* 16:2456-2461, 2005. [\[Pub-Med\]](#)
6. Heid IM*, Vollmert C*, Hinney A, Döring A, Geller F, Löwel H, Wichmann HE, Illig T, Hebebrand J, Kronenberg E, for the KORA GROUP: Association of the 103I MC4R allele with decreased body mass in 7937 participants of two population-based surveys. *Journal of Medical Genetics* 42, e21:1-6, 2005. [\[Pub-Med\]](#)
7. Mahr N, Neyer U, Prischl F, Kramar R, Mayer G, Kronenberg E, Lhotta K: Proteinuria and hemoglobin levels in patients with primary glomerular disease. *American Journal of Kidney Diseases* 46:424-431, 2005. [\[Pub-Med\]](#)
8. Margesin R, Dieplinger H, Hofmann J, Sarg B, Lindner H: A cold-active extracellular metalloprotease from *Pedobacter cryoconitis*-production and properties. *Research in Microbiology* 156:499-505, 2005. [\[Pub-Med\]](#)
9. Rantner B, Pavelka M, Posch L, Schmidauer C, Fraedrich G: Carotid Endarterectomy after Ischemic Stroke-Is there a Justification for Delayed Surgery? *European Journal of Vascular and Endovascular Surgery* 30:36-40, 2005. [\[Pub-Med\]](#)
10. National Kidney Foundation Work Group: Coauthors: Cheung K and Heinrich WL; Work Group (in alphabetical order): Beddhu S, Campese V, Chavers BM, Churchill D, Goldstein DJ, Herzog C, King K, Kronenberg F, Miholics BS, Painter P, Parekh R, Roberts M, Stehman-Breen C, Stenvinkel P, Wali R, Weiss M: K/DOQI Clinical Practice Guidelines on Cardiovascular Disease in Dialysis Patients. *American Journal of Kidney Diseases* 45, Suppl. 3:S1-S154, 2005. [\[Pub-Med\]](#)
11. Rantner B, Fraedrich G: Therapiestrategien bei extrakranieller Karotisstenose. *Gefäßchirurgie* 10:61-72, 2005.
12. Kronenberg F: Dyslipidemia and nephrotic syndrome: recent advances. *Journal of Renal Nutrition* 15:195-203, 2005. (Review) [\[Pub-Med\]](#)

13. Lamina C, Meisinger C, Heid IM, [Rantner B](#), Döring A, Löwel H, Wichmann HW, [Kronenberg F](#): Ankle-Brachial Index and Peripheral Arterial Disease. *Gesundheitswesen* 67, Suppl. 1:S57-S61, 2005. [\[Pub-Med\]](#)
14. Heid IM, Lamina C, Bongardt F, Fischer G, Klopp N, Huth C, Küchenhoff H, [Kronenberg F](#), Wichmann HE, Illig T: Wie gut können Haplotypen in den populationsbasierten KORA-Studien rekonstruiert werden? *Gesundheitswesen* 67, Suppl. 1:S132-S136, 2005. [\[Pub-Med\]](#)
15. Lhotta K, [Kronenberg E](#), Mayer G: Errechnete Nierenfunktion: Nutzen und Problematik der MDRD-Formel. *Deutsche Medizinische Wochenschrift* 130:2021-2024, 2005. [\[Pub-Med\]](#)

[\[top\]](#)

Publications 2004

1. [Kronenberg F](#), [Lingenhel A](#), Lhotta K, [Rantner B](#), Kronenberg MF, König P, Thiery J, Koch M, Von Eckardstein A, [Dieplinger H](#): The apolipoprotein(a) size polymorphism is associated with nephrotic syndrome. *Kidney International* 65:606-612, 2004. [\[Pub-Med\]](#)
2. [Kronenberg F](#), [Lingenhel A](#), Lhotta K, [Rantner B](#), Kronenberg MF, König P, Thiery J, Koch M, Von Eckardstein A, [Dieplinger H](#): Lipoprotein(a)- and low-density lipoprotein-derived cholesterol in nephrotic syndrome: impact on lipid-lowering therapy? *Kidney International* 66:348-354, 2004. [\[Pub-Med\]](#)
3. [Lingenhel A](#), Eder C, Zwiauer K, Stangl H, [Kronenberg F](#), Patsch W, Strobl W: Decrease of plasma apolipoprotein A-IV during weight reduction in obese adolescents on a low fat diet. *International Journal of Obesity* 28:1509-1513, 2004. [\[Pub-Med\]](#)
4. Delport R, [Lingenhel AW](#), Ubbink JB, Kraft HG: Hyperhomocyst(e)inemia is an important risk factor for vascular disease in subjects with high-molecular weight apo(a) isoforms. *Cardiovascular Journal of Southern Africa* 15:207-213, 2004. [\[Pub-Med\]](#)
5. Parson W, Kraft HG, Niederstatter H, [Lingenhel AW](#), Kochl S, Fresser F, Utermann G: A common nonsense mutation in the repetitive Kringle IV-2 domain of human apolipoprotein(a) results in a truncated protein and low plasma Lp(a). *Human Mutation* 24:474-480, 2004. [\[Pub-Med\]](#)
6. Janecke AR, Müller T, Gassner I, Kreczy A, [Kronenberg F](#), Utermann B, Utermann G: Joubert-like syndrome unlinked to known candidate loci. *Journal of Pediatrics* 144:264-269, 2004. [\[Pub-Med\]](#)
7. Frauscher B, Högl B, Maret S, Wolf E, Brandauer E, Wenning GK, Kronenberg MF, [Kronenberg F](#), Tafti M, Poewe W: Association of daytime sleepiness with COMT polymorphism in patients with Parkinson's disease: a pilot study. *Sleep* 27:733-736, 2004. [\[Pub-Med\]](#)
8. Greiner A, [Rantner B](#), Greiner K, [Kronenberg F](#), Schocke M, Neuhauser B, Bodner J, Fraedrich G, Schlager A: Neuropathic pain after femoropopliteal bypass surgery. *Journal of Vascular Surgery* 39:1284-1287, 2004. [\[Pub-Med\]](#)
9. Klein-Weigel P, Rein P, [Kronenberg F](#), List E, Kinzl J, Biebl W, Fraedrich G: Microcirculatory assessment of vascular acrosyndrome in anorexia nervosa and analysis of manifestation factors. *Journal of Psychosomatic Research* 56:145-148, 2004. [\[Pub-Med\]](#)
10. [Stadler M](#), Prager R: Typ 2 Diabetes mellitus - Screening und Prävention. *Acta Medica Austriaca* 31:158-159, 2004. [\[Pub-Med\]](#)
11. [Rantner B](#), [Kronenberg F](#): Reverse Epidemiologie bei nephrologischen Patienten: Paradoxe Risikofaktoren für Mortalität und Atherosklerose. *Journal für Hypertonie* 8:21-29, 2004. (Review) [\[Abstract\]](#)

12. Kronenberg F: Epidemiology, pathophysiology and therapeutic implications of lipoprotein(a) in kidney diseases. *Expert Review of Cardiovascular Therapy* 2:729-743, 2004. (Review) [\[Pub-Med\]](#)
13. Kronenberg F, Utermann G: Lipoprotein(a). *In*: Martini L: Encyclopedia of Endocrinology and Endocrine Diseases. San Diego, Academic Press, 2004, pp. 188-196. (Book chapter)

[\[top\]](#)