

**Biobank - 9160**

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**Originalpublikation** - *IF 3,965*

Volltext: <http://dx.doi.org/10.1007/s11306-013-0565-2>

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Altmaier E, Fobo G, Heier M, Thorand B, Meisinger C, Römisch-Margl W, Waldenberger M, Gieger C, Illig T, Adamski J, Suhre K, Kastenmüller G. Metabolomics approach reveals effects of antihypertensives and lipid-lowering drugs on the human metabolism. *Eur J Epidemiol* 2014;29(5):325-336

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**Klinik für Päd. Nieren-, Leber und Stoffwechselerkrankungen - 6720 ; Institut für Diagnostische und Interventionelle Neuroradiologie - 8210**

Bauer A, Loos S, Wehrmann C, Horstmann D, Donnerstag F, Lemke J, Hillebrand G, Lobel U, Pape L, Haffner D, Bindt C, Ahlenstiel T, Melk A, Lehnhardt A, Kemper MJ, Oh J, Hartmann H. Neurological involvement in children with *E. coli* O104:H4-induced hemolytic uremic syndrome. *Pediatr Nephrol* 2014;29(9):1607-1615

**Originalpublikation** - *IF 2,881*

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Baumert J, Huang J, McKnight B, Sabater-Lleal M, Steri M, Chu AY, Trompet S, Lopez LM, Fornage M, Teumer A, Tang W, Rudnicka AR, Malarstig A, Hottenga JJ, Kavousi M, Lahti J, Tanaka T, Hayward C, Huffman JE, Morange PE, Rose LM, Basu S, Rumley A, Stott DJ, Buckley BM, de Craen AJ, Sanna S, Masala M, Biffar R, Homuth G, Silveira A, Sennblad B, Goel A, Watkins H, Muller-Nurasyid M, Ruckerl R, Taylor K, Chen MH, de Geus EJ, Hofman A, Witteman JC, de Maat MP, Palotie A, Davies G, Siscovick DS, Kolcic I, Wild SH, Song J, McArdle WL, Ford I, Sattar N, Schlessinger D, Grotevendt A, Franzosi MG, Illig T, Waldenberger M, Lumley T, Tofler GH, Willemsen G, Uitterlinden AG, Rivadeneira F, Raikonen K, Chasman DI, Folsom AR, Lowe GD, Westendorp RG, Slagboom PE, Cucca F, Wallaschofski H, Strawbridge RJ, Seedorf U, Koenig W, Bis JC, Mukamal KJ, van Dongen J, Widen E, Franco OH, Starr JM, Liu K, Ferrucci L, Polasek O, Wilson JF, Oudot-Mellakh T, Campbell H, Navarro P, Bandinelli S, Eriksson J, Boomsma DI, Dehghan A, Clarke R, Hamsten A, Boerwinkle E, Jukema JW, Naitza S, Ridker PM, Volzke H, Deary IJ, Reiner AP, Tregouet DA, O'Donnell CJ, Strachan DP, Peters A, Smith NL. No evidence for genome-wide interactions on plasma fibrinogen by smoking, alcohol consumption and body mass index: results from meta-analyses of 80,607 subjects. *PLoS One* 2014;9(12):e111156

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Claussnitzer M, Dankel SN, Klocke B, Grallert H, Glunk V, Berulava T, Lee H, Oskolkov N, Fadista J, Ehlers K, Wahl S, Hoffmann C, Qian K, Rönn T, Riess H, Müller-Nurasyid M, Bretschneider N, Schroeder T, Skurk T, Horsthemke B, DIAGRAM+Consortium, Spieler D, Klingenspor M, Seifert M, Kern MJ, Mejhert N, Dahlman I, Hansson O, Hauck SM, Blüher M, Arner P, Groop L, Illig T, Suhre K, Hsu YH, Mellgren G, Hauner H, Laumen H. Leveraging cross-species transcription factor binding site patterns: from diabetes risk loci to disease mechanisms. *Cell* 2014;156(1-2):343-358

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DIAbetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium, Asian Genetic Epidemiology Network Type 2 Diabetes (AGEN-T2D) Consortium, South Asian Type 2 Diabetes (SAT2D) Consortium, Mexican American Type 2 Diabetes (MAT2D) Consortium, Type 2 Diabetes Genetic Exploration by Nex-generation sequencing in multi-Ethnic Samples (T2D-GENES) Consortium, Mahajan A, Go MJ, Zhang W, Below JE, Gaulton KJ, Ferreira T, Horikoshi M, Johnson AD, Ng MC, Prokopenko I, Saleheen D, Wang X, Zeggini E, Abecasis GR, Adair LS, Almgren P, Atalay M, Aung T, Baldassarre D, Balkau B, Bao Y, Barnett AH, Barroso I, Basit A, Been LF, Beilby J, Bell GI, Benediktsson R, Bergman RN, Boehm BO, Boerwinkle E, Bonycastle LL, Burtt N, Cai Q, Campbell H, Carey J, Cauchi S, Caulfield M, Chan JC, Chang LC, Chang TJ, Chang YC, Charpentier G, Chen CH, Chen H, Chen YT, Chia KS, Chidambaram M, Chines PS, Cho NH, Cho YM, Chuang LM, Collins FS, Cornelis MC, Couper DJ, Crenshaw AT, van Dam RM, Danesh J, Das D, de Faire U, Dedoussis G, Deloukas P, Dimas AS, Dina C, Doney AS, Donnelly PJ, Dorkhan M, van Duijn C, Dupuis J, Edkins S, Elliott P, Emilsson V, Erbel R, Eriksson JG, Escobedo J, Esko T, Eury E, Florez JC, Fontanillas P, Forouhi NG, Forsen T, Fox C, Fraser RM, Frayling TM, Froguel P, Frossard P, Gao Y, Gertow K, Gieger C, Gigante B, Grallert H, Grant GB, Grrop LC, Groves CJ, Grundberg E, Guiducci C, Hamsten A, Han BG, Hara K, Hassanali N, Hattersley AT, Hayward C, Hedman AK, Herder C, Hofman A, Holmen OL, Hovingh K, Hreidarsson AB, Hu C, Hu FB, Hui J, Humphries SE, Hunt SE, Hunter DJ, Hveem K, Hydrie ZI, Ikegami H, Illig T, Ingelsson E, Islam M, Isomaa B, Jackson AU, Jafar T, James A, Jia W, Jockel KH, Jonsson A, Jowett JB, Kadowaki T, Kang HM, Kanoni S, Kao WH, Kathiresan S, Kato N, Katulanda P, Keinanen-Kiukkaanniemi KM, Kelly AM, Khan H, Khaw KT, Khor CC, Kim HL, Kim S, Kim YJ, Kinnunen L, Klopp N, Kong A, Korpi-Hyovalti E, Kowlessur S, Kraft P, Kravic J, Kristensen MM, Krithika S, Kumar A, Kumate J, Kuusisto J, Kwak SH, Laakso M, Lagou V, Lakka TA, Langenberg C, Langford C, Lawrence R, Leander K, Lee JM, Lee NR, Li M, Li X, Li Y, Liang J, Liju S, Lim WY, Lind L, Lindgren CM, Lindholm E, Liu CT, Liu JJ, Lobbens S, Long J, Loos RJ, Lu W, Luan J, Lyssenko V, Ma RC, Maeda S, Magi R, Mannisto S, Matthews DR, Meigs JB, Melander O, Metspalu A, Meyer J, Mirza G, Mihailov E, Moebus S, Mohan V, Mohlke KL, Morris AD, Muhleisen TW, Muller-Nurasyid M, Musk B, Nakamura J, Nakashima E, Navarro P, Ng PK, Nica AC, Nilsson PM, Njolstad I, Nothen MM, Ohnaka K, Ong TH, Owen KR, Palmer CN, Pankow JS, Park KS, Parkin M, Pechlivanis S, Pedersen NL, Peltonen L, Perry JR, Peters A, Pinidiyapathirage JM, Platou G, Potter S, Price JF, Qi L, Radha V, Rallidis L, Rasheed A, Rathman W, Rauramaa R, Raychaudhuri S, Rayner NW, Rees SD, Rehnberg E, Ripatti S, Robertson N, Roden M, Rossin EJ, Rudan I, Rybin D, Saaristo TE, Salomaa V, Saltevo J, Samuel M, Sanghera DK, Saramies J, Scott J, Scott LJ, Scott RA, Segre AV, Sehmi J, Sennblad B, Shah N, Shah S, Shera AS, Shu XO, Shuldiner AR, Sigurdsson G, Sijbrands E, Silveira A, Sim X, Sivapalaratnam S, Small KS, So WY, Stancakova A, Stefansson K, Steinbach G, Steinthorsdottir V, Stirrups K, Strawbridge

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Emrich HM. Trauma and fiction - trauma and concreteness in film: represented in the fotofilm fiasco (2010). In: Elm M, Kabalek K, Kühne JB [Hrsg.]: The horrors of trauma in cinema : violence void visualization. 1. Publ. Newcastle upon Tyne: Cambridge Scholars Publ., 2014. S. 177-191

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#### **Biobank - 9160**

Ganesh SK, Chasman DI, Larson MG, Guo X, Verwoert G, Bis JC, Gu X, Smith AV, Yang ML, Zhang Y, Ehret G, Rose LM, Hwang SJ, Papanicolaou GJ, Sijbrands EJ, Rice K, Eiriksdottir G, Pihur V, Ridker PM, Vasan RS, Newton-Cheh C, Global Blood Pressure Genetics Consortium, Raffel LJ, Amin N, Rotter JI, Liu K, Launer LJ, Xu M, Caulfield M, Morrison AC, Johnson AD, Vaidya D, Dehghan A, Li G, Bouchard C, Harris TB, Zhang H, Boerwinkle E, Siscovick DS, Gao W, Uitterlinden AG, Rivadeneira F, Hofman A, Willer CJ, Franco OH, Huo Y, Witteman JC, Munroe PB, Gudnason V, Palmas W, van Duijn C, Fornage M, Levy D, Psaty BM, Chakravarti A. Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. *Am J Hum Genet* 2014; 95(1):49-65

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Hara K, Fujita H, Johnson TA, Yamauchi T, Yasuda K, Horikoshi M, Peng C, Hu C, Ma RC, Imamura M, Iwata M, Tsunoda T, Morizono T, Shojima N, So WY, Leung TF, Kwan P, Zhang R, Wang J, Yu W, Maegawa H, Hirose H, DIAGRAM consortium, Kaku K, Ito C, Watada H, Tanaka Y, Tobe K, Kashiwagi A, Kawamori R, Jia W, Chan JC, Teo YY, Shyong TE, Kamatani N, Kubo M, Maeda S, Kadowaki T. Genome-wide association study identifies three novel loci for type 2 diabetes. *Hum Mol Genet* 2014; 23(1):239-246

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#### **Biobank - 9160**

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**Originalpublikation** - *IF 8,167*

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Holmes MV, Exeter HJ, Folkersen L, Nelson CP, Guardiola M, Cooper JA, Sofat R, Boekholdt SM, Khaw KT, Li KW, Smith AJ, Van't Hooft F, Eriksson P, Franco-Cereceda A, Asselbergs FW, Boer JM, Onland-Moret NC, Hofker M, Erdmann J, Kivimaki M, Kumari M, Reiner AP, Keating BJ, Humphries SE, Hingorani AD, Mallat Z, Samani NJ, Talmud PJ, CARDIoGRAM Consortium. Novel genetic approach to investigate the role of plasma secretory phospholipase A2 (sPLA2)-V isoenzyme in coronary heart disease: modified Mendelian randomization analysis using PLA2G5 expression levels. *Circ Cardiovasc Genet* 2014; 7(2): 144-150

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Hornhardt S, Rößler U, Sauter W, Rosenberger A, Illig T, Bickeböller H, Wichmann HE, Gommelka M. Genetic factors in individual radiation sensitivity. *DNA Repair (Amst)* 2014; 16:54-65

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**Originalpublikation** - *IF 3,534*

Volltext: <http://dx.doi.org/10.1371/journal.pone.0094882>

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Kretschmer A, Möller G, Lee H, Laumen H, von Toerne C, Schramm K, Prokisch H, Eyerich S, Wahl S, Baurecht H, Franke A, Claussnitzer M, Eyerich K, Teumer A, Milani L, Klopp N, Hauck SM, Illig T, Peters A, Waldenberger M, Adamski J, Reischl E, Weidinger S. A common atopy-associated variant in the Th2 cytokine locus control region impacts transcriptional regulation and alters SMAD3 and SP1 binding. *Allergy* 2014;69(5):632-642

**Originalpublikation** - *IF 5,995*

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**Hannover Unified Biobank ; Biobank - 9160 ; TwinCore - Experimentelle Infektionsforschung - 9651**

Kühn A, Nieters A, Köttgen A, Goek ON, Michels K, Nöthlings U, Jacobs G, Meisinger C, Pessler F, Akmatov MF, Kuhnisch J, Moebus S, Glocker E, Naus S, Keimling M, Leitzmann M, Linseisen J, Sarioglu H, von Toerne C, Hauck SM, Wallaschofski H, Wichmann HE, Illig T. Machbarkeitsprüfung und Qualitätsentwicklung zur Gewinnung von Biomaterialien in den Pretest-Studien der Deutschen Nationalen Kohorte. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz* 2014;57(11):1255-1263

**Originalpublikation** - *IF 1,006*

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**Biobank - 9160**

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**Originalpublikation** - *IF 6,677*

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Lüneburg N, Lieb W, Zeller T, Chen MH, Maas R, Carter AM, Xanthakis V, Glazer NL, Schwedhelm E, Seshadri S, Ikram MA, Longstreth WT, Jr, Fornage M, König IR, Loley C, Ojeda FM, Schillert A, Wang TJ, Sticht H, Kittel A, König J, Benjamin EJ, Sullivan LM, Bernges I, Andersson M, Ziegler A, Gieger C, Illig T, Meisinger C, Wichmann HE, Wild PS, Schunkert H, Psaty BM, Wiggins KL, Heckbert SR, Smith N, Lackner K, Lunetta KL, Blankenberg S, Erdmann J, Munzel T, Grant PJ, Vasan RS, Boger RH. Genome-Wide Association Study of L-Arginine and Dimethylarginines Reveals Novel Metabolic Pathway for Symmetric Dimethylarginine. *Circ Cardiovasc Genet* 2014;7(6):864-872

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**Arbeitsbereich Klinische Psychologie in der Klinik für Psychiatrie, Sozialpsychiatrie und Psychotherapie - 7180**

Magid M, Reichenberg JS, Poth PE, Robertson HT, LaViolette AK, Kruger TH, Wollmer MA. Treatment of major depressive disorder using botulinum toxin A: a 24-week randomized, double-blind, placebo-controlled study. *J Clin Psychiatry* 2014;75(8):837-844

**Originalpublikation** - *IF 5,139*

Volltext: <http://dx.doi.org/10.4088/JCP.13m08845>

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Majcher-Peszynska J, Loebermann M, Klammt S, Frimmel S, Mundkowski RG, Welte T, Reisinger EC, Drewelow B, CAPNETZ Study Group. Ampicillin/sulbactam in elderly patients with community-acquired pneumonia. *Infection* 2014;42(1):79-87

**Originalpublikation** - *IF 2,864*

Volltext: <http://dx.doi.org/10.1007/s15010-013-0518-8>

**Biobank - 9160 ; Institut für Biometrie - 8410 ; Institut für Allgemeinmedizin - 5440**

Mand P, Roth K, Biertz F, Kersting M, Kruschinski C, Schmiemann G, Hummers-Pradier E. Drug-disease interaction in elderly patients in family practice. *Int J Clin Pharmacol Ther* 2014;52(5):337-345

**Originalpublikation** - *IF 1,044*

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Missios P, Zhou Y, Guachalla LM, von Figura G, Wegner A, Chakkarappan SR, Binz T, Gompf A, Hartleben G, Burkhalter MD, Wulff V, Gunes C, Sattler RW, Song Z, Illig T, Klaus S, Böhm BO, Wenz T, Hiller K, Rudolph KL. Glucose substitution prolongs maintenance of energy homeostasis and lifespan of telomere dysfunctional mice. *Nat Commun* 2014;5:4924

**Originalpublikation** - *IF 10,742*

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Mook-Kanamori DO, Röisch-Margl W, Kastenmüller G, Prehn C, Petersen AK, Illig T, Gieger C, Wang-Sattler R, Meisinger C, Peters A, Adamski J, Suhre K. Increased amino acids levels and the risk of developing of hypertriglyceridemia in a 7-year follow-up. *J Endocrinol Invest* 2014;37(4):369-374

**Originalpublikation** - *IF 1,552*

Volltext: <http://dx.doi.org/10.1007/s40618-013-0044-7>

**Biobank - 9160**

Nalls MA, Saad M, Noyce AJ, Keller MF, Schrag A, Bestwick JP, Traynor BJ, Gibbs JR, Hernandez DG, Cookson MR, Morris HR, Williams N, Gasser T, Heutink P, Wood N, Hardy J, Martinez M, Singleton AB, International Parkinson's Disease Genomics Consortium (IPDGC), Wellcome Trust Case Control Consortium 2 (WTCCC2), North American Brain Expression

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Ng MC, Shriner D, Chen BH, Li J, Chen WM, Guo X, Liu J, Bielinski SJ, Yanek LR, Nalls MA, Comeau ME, Rasmussen-Torvik LJ, Jensen RA, Evans DS, Sun YV, An P, Patel SR, Lu Y, Long J, Armstrong LL, Wagenknecht L, Yang L, Snively BM, Palmer ND, Mudgal P, Langefeld CD, Keene KL, Freedman BI, Mychaleckyj JC, Nayak U, Raffel LJ, Goodarzi MO, Chen YD, Taylor HA, Jr, Correa A, Sims M, Couper D, Pankow JS, Boerwinkle E, Adeyemo A, Dumathey A, Chen G, Mathias RA, Vaidya D, Singleton AB, Zonderman AB, Igo RP, Jr, Sedor JR, FIND Consortium, Kabagambe EK, Siscovick DS, McKnight B, Rice K, Liu Y, Hsueh WC, Zhao W, Bielak LF, Kraja A, Province MA, Bottinger EP, Gottesman O, Cai Q, Zheng W, Blot WJ, Lowe WL, Pacheco JA, Crawford DC, eMERGE Consortium, DIAGRAM Consortium, Grundberg E, MuTHER Consortium, Rich SS, Hayes MG, Shu XO, Loos RJ, Borecki IB, Peyser PA, Cummings SR, Psaty BM, Fornage M, Iyengar SK, Evans MK, Becker DM, Kao WH, Wilson JG, Rotter JI, Sale MM, Liu S, Rotimi CN, Bowden DW, MEta-analysis of type 2 Diabetes in African Americans Consortium. Meta-analysis of genome-wide association studies in African Americans provides insights into the genetic architecture of type 2 diabetes. *PLoS Genet* 2014; 10(8): e1004517

**Originalpublikation** - *IF 8,167*

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