

PER ERIKSSON PUBLICATIONS 2014

Peer-reviewed articles

- 1: Bradley DT, Hughes AE, Badger SA, Jones GT, Harrison SC, Wright BJ, Bumpstead S, Baas AF, Gretarsdottir S, Burnand K, Child AH, Clough RE, Cockerill G, Hafez H, Scott DJA, Ariens RAS, Johnson A, Sohrabi S, Smith A, Thompson MM, van Bockxmeer FM, Waltham M, Matthiasson SE, Thorleifsson G, Thorsteinsdottir U, Blankensteijn JD, Teijink JAW, Wijmenga C, de Graaf J, Kiemeny LA, Wild JB, Edkins S, Gwilliam R, Hunt SE, Potter S, Lindholt JS, Golledge J, Norman PE, van Rij A, Powell JT, Eriksson P, Stefansson K, Thompson JR, Humphries SE, Sayers RD, Deloukas P, Samani NJ, Bown MJ. A variant in LDLR is associated with abdominal aortic aneurysm. *Circulation Cardiovasc Genet*. 2013;6:498-504.
- 2: Matikainen N, Burza MA, Romeo S, Hakkarainen A, Adiels M, Folkesson L, Eriksson P, Lundbom N, Ehrenborg E, Orho-Melander M, Taskinen M-R, Borén J. Genetic variation in *SULF2* is associated with postprandial clearance of triglyceride-rich remnant particles and triglyceride levels in healthy subjects. *PloS One* 2013;8:e79473, p1-6.
- 3: Maubaret CG, Salpea KD, Romanoski CE, Folkersen L, Cooper JA, Stephanou C, Li KW, Palmen J, Hamsten A, Neil A, Stephens JW, Lusic AJ, Eriksson P, Talmud PJ, Humphries SE. Association of TERC and OBFC1 haplotypes with mean leukocyte telomere length and risk for coronary heart disease. *PloS One* 2013;8:e83122, p1-12.
- 4: Huang J, Yamkauchi M, Huffman JE, Trompet S, Asselbergs FW, Sabater-Lleal M, Tregouet D, Chen W-M, Smith NL, Kleber ME, Shin S-Y, Becker DM, Tang W, Dehghan A, Johnson AD, Truong V, Folkersen L, Yang Q, Oudot-Mellkahn T, Buckley BM, Moore JH, Zhu Q, Williams FMK, Campbell H, Silbernagel G, Vitart V, Rudan I, Tofler GH, Navis GJ, DeStefano A, Wright AF, Chen M-H, De Craen AJM, Worrall BB, Rudnicka AR, Rumley A, Bookman EB, Lundmark P, Psaty BM, Chen F, Keene KL, Franco OH, Böhm BO, Uitterlinden AGJ, Carter AM, Jukema JW, Sattar N, Bis JC, Ikram MA, Sale MM, McKnight B, Fornage M, Ford I, Taylor K, Slagboom PE, McArdle WL, Hsu F-H, Franco-Cereceda A, Syvänen A-C, Goodall AH, Yanek LR, Furie KL, Cushman M, Hofman A, Witteman JCM, Folsom AR, Basu S, Matijevic N, van Gilst WH, Wilson JF, Westendorp RGJ, Kathiresan S, Reilly MP, Tracy RP, Polasek O, Winkelmann BR, Grant PJ, Hillege HL, Cambien F, Stott DJ, Spector TD, Meigs JB, Marz W, Eriksson P, Becker LC, Morange P-E, Soranzo N, Williams SM, Hayward C, van der Harst P, Hamsten A, Lowenstein CJ, Strachan DP, O'Donnell CJ. Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-up Implicates Endothelial STXBP5 and STX2. *Arterioscler Thromb Vasc Biol* 2014;34:1093-101.
- 5: Jackson V, Petrini J, Eriksson MJ, Caidahl K, Eriksson P, Franco-Cereceda A. Aortic dimensions in relation to bicuspid and tricuspid aortic valve pathology. *J Heart Valve Dis*. 2013; in press.
- 6: Holmes MV, Exeter HJ, Folkersen L, Nelson CP, Guardiola M, Cooper JA, Sofat R, Boekholdt SM, Tee-Khaw K, Li K-W, Smith AJP, van't Hooft F, Eriksson P, Franco-Cereceda A, Asselbergs FW, Boer JMA, Onland-Moret NC, Hofker M, Erdmann J, Kivimaki M, Kumari M, Reiner A, Keating BJ, Humphries SE, Hingorani AD, Mallat Z, Samani NJ, on behalf of CARDIoGRAM, Talmud PJ. A novel genetic approach to investigate the role of plasma secretory phospholipase A2 (sPLA2)-V isoenzyme in coronary

heart disease: a modified Mendelian randomization analysis using PLA2G5 expression levels. *Circ Cardiovasc Genet* 2014;7:144-50.

7: Petrini J, Jenner J, Rickenlund A, Eriksson P, Franco-Cereceda A, Caidahl K, Eriksson MJ. Elastic properties of the descending aorta in patients with a bicuspid or tricuspid aortic valve and aortic valvular disease. *J Am Soc Echocardiogr.* 2014;27:393-404.

8: Strawbridge RJ, Deleskog A, McLeod O, Folkersen L, Kavousi M, Gertow K, Baldassarre D, Veglia F, Leander K, Gigante B, Kauhanen J, Rauramaa R, Smit AJ, Mannarino E, Giral P, Dehghan A, Hofman A, Franco OH, Humphries SE, Tremoli E, de Faire U, Gustafsson S, Östenson C-G, Eriksson P, Öhrvik J, Hamsten A. A serum 25-hydroxyvitamin D concentration-associated genetic variant in 7-dehydrocholesterol reductase (DHCR7) interacts with type 2 diabetes status to influence subclinical atherosclerosis. *Diabetologia* 2014;57:1159-72.

9: Popov S, Takemori H, Tokudome T, Mao Y, Otani K, Mochizuki N, Pires N, João Pinho M, Franco-Cereceda A, Torielli L, Ferrandi M, Hamsten A, Soares-da-Silva P, Eriksson P, Bertorello AM, Brion L. Lack of Salt-Inducible Kinase 2 (SIK2) prevents the development of cardiac hypertrophy in response to chronic high-salt intake. *PLoS One* 2014;9:e95771:1-10.

10: Forsell C, Björck HM, Eriksson P, Franco-Cereceda A, Gasser TC. Biomechanical properties of the thoracic aneurysmal wall; Differences between Bicuspid Aortic Valve (BAV) and Tricuspid Aortic Valve (TAV) patients. *Ann Thorac Surg.* 2014;98:65–71

11: Yousry M, Rickelund A, Petrini J, Jenner J, Eriksson P, Franco-Cereceda A, Liska J, Eriksson MJ, Caidahl K. Aortic valve type and calcification as assessed by transthoracic and transoesophageal echocardiography. *Clin Physiol Funct Imaging.* 2014; in press

12: Mahdessian H, Popov S, Franco-Cereceda A, Hamsten A, Eriksson P, M. van 't Hooft F. TM6SF2 is a novel regulator of liver fat metabolism influencing triglyceride secretion and hepatic lipid-droplet content. *Proc Natl Acad Sci USA* 2014;111:8913-8

13: Holmes MV, Dale CE, Zuccolo L, Silverwood RJ, Guo Y, Ye Z, Prieto-Merino D, Dehghan A, Trompet S, Wong A, Cavadino A, Drogan D, Padmanabhan S, Li S, Yesupriya A, Leusink M, Sundstrom J, Hubacek JA, Pikhart H, Swerdlow DI, Panayiotou AG, Borinskaya SA, Finan C, Shah S, Kuchenbaecker KB, Shah T, Engmann J, Folkersen L, Eriksson P, Ricceri F, Melander O, Sacerdote C, Gamble DM, Rayaprolu S, Ross OA, McLachlan S, Vikhireva O, Sluijs I, Scott RA, Adamkova V, Flicker L, van Bockxmeer FM, Power C, Marques-Vidal P, Meade T, Marmot MG, Ferro JM, Paulos-Pinheiro S, Humphries SE, Talmud PJ, Mateo Leach I, Verweij N, Linneberg A, Skaaby T, Doevendans PA, Cramer MJ, van der Harst P, Klungel OH, Dowling NF, Dominiczak AF, Kumari M, Nicolaidis AN, Weikert C, Boeing H, Ebrahim S, Gaunt TR, Price JF, Lannfelt L, Peasey A, Kubinova R, Pajak A, Malyutina S, Voevoda MI, Tamosiunas A, Maitland-van der Zee AH, Norman PE, Hankey GJ, Bergmann MM, Hofman A, Franco OH, Cooper J, Palmén J, Spiering W, de Jong PA, Kuh D, Hardy R, Uitterlinden AG, Ikram MA, Ford I, Hyppönen E, Almeida OP, Wareham NJ, Khaw K-T, Hamsten A on behalf of IMPROVE study group, Husemoen LLN, Tjønneland A, Tolstrup JS, Rimm E, Beulens JWJ, Verschuren WMM, Onland-Moret NC, Hofker MH, Wannamethee SG, Whincup PH, Morris R, Vicente AM, Watkins H, Farrall M, Jukema JW, Meschia J, Cupples LA, Sharp SJ on behalf of The InterAct Consortium, Fornage M, Kooperberg C, LaCroix AZ, Dai JY, Lanktree MB, Siscovick DS, Jorgenson E, Spring B, Coresh J, Li YR, Buxbaum SG, Schreiner PJ, Ellison RC, Tsai MY, Patel SR, Redline S, Johnson AD, Hoogeveen RC, Hakonarson H, Rotter JI, Boerwinkle E, de Bakker

PIW, Kivimaki M, Asselbergs FW, Sattar N, Lawlor D, Whittaker J, Smith GD, Mukamal K, Psaty BM, Wilson JG, Lange LA, Hamidovic A, Hingorani AD, Nordestgaard BG, Bobak M, Leon D, Langenberg C, Palmer TM, Reiner AP, Keating BJ, Dudbridge F, Casas JP. Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. *BMJ* 2014;349:g4164:1-16

14: Johansson ME, Zhang X, Edfeldt K, Lundberg AM, Levin MC, Borén J, Li W, Yuan X-M, Folkersen L, Eriksson P, Hedin U, Low H, Sviridov D, Rios FJ, Hansson GK, Yan Z-Q. Innate immune receptor NOD2 promotes vascular inflammation and formation of lipid-rich necrotic cores in hypercholesterolemic mice. *Eur J Immun.* 2014;44:3081–92

15: Sabater-Lleal M, Mälärstig A, Folkersen L, Artigas MS, Baldassarre D, Kavousi M, Almgren P, Veglia F, Lahousse L, Stricker B, Brusselle G, Hofman A, Engström G, Franco OH, Melander O, Paulsson-Berne G, Eriksson P, Humphries SE, Tremoli E, de Faire U, Tobin MD, Hamsten A. Common Genetic Determinants of Lung Function, Subclinical Atherosclerosis and Risk of Coronary Artery Disease. *PloS One* 2014;9:e104082:1-7

16: Olsson C, Eriksson P, Franco-Cereceda A. Association between thoracic aortic disease and inguinal hernia. *J Am Heart Assoc.* 2014;3:e001040:1-6

17: Maegdefessel L, Spin JM, Raaz U, Eken SM, Toh R, Azuma J, Adam M, Nagakami F, Heymann HM, Chernugobova E, Jin H, Roy J, Hultgren R, Caidahl K, Schrepfer S, Hamsten A, Eriksson P, McConnell MV, Dalman RL, Tsao PS. miR-24 limits aortic vascular inflammation and murine abdominal aneurysm development. *Nature Commun.* 2014;5:5214:1-13

18: Jackson V, Eriksson MJ, Caidahl K, Eriksson P, Franco-Cereceda A. Ascending aortic dilatation is rarely associated with coronary artery disease regardless of aortic valve morphology. *J Thorac Cardiovasc Surg.* 2014;148:2973-80

19: Mohlke K, et al. New genetic loci link adipose and insulin biology to body fat distribution. *Nature* 2014; in press