

PER ERIKSSON PUBLICATIONS 2012**Peer-reviewed articles**

1. Harrison SC, Smith AJP, Jones GT, Swerdlow DI, Rampuri R, Bown MJ on behalf of the Aneurysm Consortium, Folkersen L, Baas AF, de Borst GJ, Blankensteijn JD, Price JF, van der Graaf Y, McLachlan S, Agu O, Hofman A, Uitterlinden AG, Franco-Cereceda A, Ruigrok YM, van't Hof FN, Powell JT, van Rij AM, Casas JP, Eriksson P, Holmes MV, Asselbergs FW, Hingorani AD, Humphries SE. Interleukin 6 receptor pathways in abdominal aortic aneurysm. *Eur Heart J*. 2012; in press. [Epub ahead of print]
2. Gertow K, Sennblad B, Strawbridge RJ, Öhrvik J, Zabaneh D, Shah S, Veglia F, Fava C, Kavousi M, McLachlan S, Kivimäki M, Bolton JL, Folkersen L, Gigante B, Leander K, Vikström M, Larsson M, Silveira A, John Deanfield J, Voight BF, Fontanillas P, Sabater-Lleal M, Colombo G, Kumari M, Langenberg C, Wareham NJ, Uitterlinden AG, Gabrielsen A, Hedin U, Franco-Cereceda A, Nyysönen K, Rauramaa R, Tuomanen T-P, Savonen K, Smit AJ, Giral P, Mannarino E, Robertson C, Talmud PJ, Hedblad B, Hofman A, Erdmann J, Reilly MP, MBBCH, MSCE, O'Donnell CJ, Farrall M, Clarke R, Franzosi MG, Seedorf U, Syvänen A-C, Hansson GK, Eriksson P, Samani NJ, Watkins H, Price JF, Hingorani AD, Melander O, Witteman JCM, Baldassarre D, Tremoli E, de Faire U, Humphries SE, Hamsten A. Identification of the *BCAR1-CFDPI-TMEM170A* locus as a determinant of carotid intima-media thickness and coronary artery disease risk. *Circulation Cardiovasc Genet*. 2012;5:656-65.
3. Villard C, Wågsäter D, Swedenborg J, Eriksson P, Hultgren R. Biomarkers for abdominal aortic aneurysms from a sex perspective. *Gen Med*. 2012;9:259–66.
4. Yousry M, Rickenlund A, Petrini J, Gustavsson T, Prah U, Liska J, Eriksson P, Franco-Cereceda A, Eriksson MJ, Caidahl K. Real time imaging required for optimal echocardiographic assessment of aortic valve calcification. *Clin Physiol Funct Imaging*. 2012;32:470-5.
5. Smith AJP, Howard P, Shah S, Eriksson P, Stender S, Giambartolomei C, Folkersen L, Tybjaerg-Hansen A, Kumari M, Palmén J, Hingorani AD, Talmud OJ, Humphries SE. Use of Allele-Specific FAIRE to Determine Functional Regulatory Polymorphism Using Large-Scale Genotyping Arrays. *PLoS Genet*. 2012;8:e1002908:1-10.
6. Jackson V, Olsson C, Eriksson P, Franco-Cereceda A. Aortic dimensions in patients with bicuspid- and tricuspid aortic valves. *J Thorac Cardiovasc Surg*. 2012; In Press.
7. Huang J, Sabater-Lleal M, Asselbergs FW, Tregouet D, Shin S-Y, Ding J, Baumert J, Oudot-Mellkahl T, Folkersen L, Johnson AD, Smith NL, Williams SM, Ikram MA, Becker DM, Truong V, Mychaleckyj JC, Tang W, Yang Q, Sennblad B, Moore JH, Williams FMK, Dehghan A, Schrijvers EMC, Smith S, Karakas M, Tofler GH, Silveira A, Navis GJ, Lohman K, Chen M-H, Peters A, Goel A, Hopewell JC, Chambers JC, Saleheen D, Lundmark P, Psaty BM, Strawbridge RJ, Carter AM, Meisinger C, Peden JF, Bis JC, McKnight B, Öhrvik J, Taylor K, Franzosi MG, Seedorf U, Collins R, Franco-Cereceda A, Syvänen A-C, Goodall AH, Yanek LR, Cushman M, Müller-Nurasyid M, Folsom AR, Basu S, Matijevic N, van Gilst WH, Kooner JS, Hofman A, Danesh J, Clarke R, Meigs JB, DIAGRAM Consortium,

- Kathiresan S, Reilly MP, CARDIoGRAM Consortium, Klopp N, Harris TB, Grant PJ, Hillege HL, Watkins H, C4D Consortium, Spector TD, Becker LC, Tracy RP, Uitterlinden AG, Eriksson P, Cambien F, CARDIOGENICS Consortium, Morange P-M, Koenig W, Soranzo N, van der Harst P, Liu Y, O'Donnell CJ, Hamsten A. Genome-wide association study for circulating levels of plasminogen activator inhibitor-1 (PAI-1) provides novel insights into the regulation of PAI-1. *Blood* 2012;120:4873-81.
8. Jackson V, Olsson T, Kurtovic S, Folkersen L, Paloschi V, Wågsäter D, Franco-Cereceda A, Eriksson P. Matrix Metalloproteinase 14 and 19 expression is associated with Thoracic Aortic Aneurysms. *J Thorac Cardiovasc Surg* 2012;144:459-66.
 9. Kolak M, Gertow J, Westerbacka J, Summers SA, Liska J, Franco-Cereceda A, Orešič M, Yki-Järvinen H, Eriksson P, Fisher RM. Expression of ceramide-metabolising enzymes in subcutaneous and intra-abdominal human adipose tissue. *Lipids Health Dis.* 2012;11:115, p1-12.
 10. Gaunt TR, Shah S, Nelson CP, Drenos F, Braund PS, Adeniran I, Folkersen L, Lawlor DA, Casas J-P, Amuzu A, Kivimaki M, Whittaker J, Eriksson P, Zhang H, Hancox JC, Tomaszewski M, Burton PR, Tobin MD, Humphries SE, Talmud PJ, MacFarlane P, Hingorani AD, Samani NJ, Kumari M, Day INM. Integration of genetics into a systems model of ECG traits using HumanCVD BeadChip. *Circulation Cardiovasc Genet.* 2012;5:630-38.
 11. Deloukas P, Kanoni S, Willenborg C, Farrall M, Assimes TL, Thompson JR, Ingelsson E, Saleheen D, Goldstein BA, Erdmann J, Stirrups K, König IR, Cazier J-B, Johansson Å, Hall AS, Lee J-Y, Willer CJ, Chambers JC, Esko T, Folkersen L, Goel A, Grundberg E, Havulinna AS, Ho WK, Hopewell JC, Eriksson N, Kleber ME, Kristiansson K, Lundmark P, Lyytikäinen L-P, Rafelt S, Shungin D, Strawbridge RJ, Thorleifsson G, Tikkanen E, Van Zuydam N, Voight BF, Waite LL, Zhang W, Ziegler A, Absher D, Altshuler D, Balmforth AJ, Barroso I, Braund PS, Burgdorf C, CARDIOGENICS, Claudi-Boehm S, Cox D, DIAGRAM consortium, Dimitriou M, Do R, Doney ASF, El Mokhtari N, Eriksson P, Fischer K, Fontanillas P, Franco-Cereceda A, Gigante B, Groop L, Gustafsson S, Hager J, Hallmans G, Han B-G, Hunt SE, Kang HM, Illig T, Kessler T, Knowles JW, Kolovou G, Kuusisto J, Langenberg C, Langford C, Leander K, Lokki M-L, Lundmark A, McCarthy MI, Meisinger C, Melander O, Mihailov E, Maouche S, Morris AD, Müller-Nurasyid M, MuTHER, Nikus K, Peden JF, Rayner NW, Rasheed A, Rosinger S, Rubin D, Rumpf MP, Schäfer A, Sivananthan M, Song C, Stewart AFR, Tan S-T, Thorgeirsson G, van der Schoot EC, Wagner PJ, Wellcome Trust Case Control Consortium, Wells GA, Wild PS, Yang T-P, Amouyel P, Arveiler D, Basart H, Boehnke M, Boerwinkle E, Brambilla P, Cambien F, Cupples AL, de Faire U, Dehghan A, Diemert P, Epstein SE, Evans A, Ferrario MM, Ferrières J, Gauguier D, Go AS, Goodall AH, Gudnason V, Hazen S, Holm H, Iribarren C, Jang Y, Kähönen M, Kee F, Kim H-S, Klopp N, Koenig W, Kratzer W, Kuulasmaa K, Laakso M, Laaksonen R, Lee J-Y, Lind L, Ouwehand WH, Parish S, Park JE, Pedersen NL, Peters A, Quertermous T, Rader DJ, Salomaa V, Schadt E, Shah SH, Sinisalo J, Stark K, Stefansson K, Trégouët D-A, Virtamo J, Wallentin L, Wareham N, Zimmermann ME, Nieminen MS, Hengstenberg C, Sandhu MS, Pastinen T, Syvänen A-C, Hovingh GK, Dedoussis G, Franks PW, Lehtimäki T, Metspalu A, Zalloua PA, Siegbahn A, Schreiber S, Ripatti S, Blankenberg S, Perola M, Clarke R, Boehm BO, O'Donnell C, Reilly MP, März W, Collins R, Kathiresan S, Hamsten A, Kooner JS, Thorsteinsdottir U, Danesh J, Palmer

- CNA, Roberts R, Watkins H, Schunkert H, Samani NJ. The CARDIoGRAMplusC4D Consortium. Coronary artery disease risk loci identified in over 190,000 individuals implicate lipid metabolism and inflammation as key causal pathways. *Nature Genet.* 2012;45:25-33.
12. Björck HM, Renner J, Maleki S, Nilsson SFE, Kihlberg J, Folkersen L, Karlsson M, Ebbers T, Eriksson P, Länne T. Characterization of shear-sensitive genes in the normal rat aorta identifies Hand2 as a major flow-responsive transcription factor. *PLoS One* 2012;7:e52227:p1-10.
 13. Iglesias MJ, Reilly S-J, Emanuelsson O, Sennblad B, Najafabadi MP, Folkersen L, Mälarstig A, Lagergren J, Eriksson P, Hamsten A, Odeberg J. Combined Chromatin and Expression Analysis Reveals Specific Regulatory Mechanisms within Cytokine Genes in the Macrophage Early Immune Response. *PLoS One* 2012;7:e32306:p1-13
 14. Krivospitskaya O, Elmabsout AA, Sundman E, Söderström LÅ, Ovchinnikova O, Gidlöf AC, Scherbak N, Norata GD, Samnegård A, Törmä H, Abdel-Halim SM, Jansson J-H, Eriksson P, Sirsjö A, Olofsson PS. A CYP26B1 polymorphism enhances retinoic acid catabolism which may aggravate atherosclerosis. *Mol Med* 2012;18:712-8.
 15. Billings LK, Hsu Y-H, Ackerman RJ, Dupuis J, Voight BF, Rasmussen-Torvik LJ, Hercberg S, Lathrop M, Barnes D, Langenberg C, Hui J, Fu M, Bouatia-Naji N, Lecoeur C, An P, Magnusson PK, Surakka I, Ripatti S, Christiansen L, Dalgård C, Folkersen L, Grundberg E, the MAGIC investigators, the DIAGRAM consortium, the MuTHER consortium, the ASCOT investigators, the GEFOS consortium, Eriksson P, Kaprio J, Kyvik KO, Pedersen NL, Borecki IB, Province MA, Balkau B, Froguel P, Shuldiner AR, Palmer LJ, Wareham N, Meneton P, Johnson T, Pankow JS, Karasik D, Meigs JB, Kiel DP, Florez JC. The impact of common variation in bone-related genes on type 2 diabetes and related traits. *Diabetes* 2012;61:2176-86.
 16. Qureshi MAA, Ahmed AS, Li J, Stark A, Eriksson P, Ahmed M. Validation of reference genes for mRNA quantification in adjuvant arthritis. *OJRA* 2012;2:64-72.
 17. Chernogubova E, Strawbridge R, Mahdessian H, Mälarstig A, Krapivner S, Gigante B, Hellénus M-L, de Faire U, Franco-Cereceda A, Syvänen A-C, Troutt JS, Konrad RJ, Eriksson P, Hamsten A, van 't Hooft FM. Common and low-frequency genetic variants in the *PCSK9* locus influence circulating PCSK9 levels. *Arterioscler Thromb Vasc Biol.* 2012;32:1526-1534.
 18. Popov S, Venetsanou K, Chedrese PJ, Pinto V, Takemori H, Franco-Cereceda A, Eriksson P, Mochizuki N, Soares-da-Silva P, Bertorello AM. Increases in intracellular sodium activate transcription and gene expression via the salt-inducible kinase 1 network in an atrial myocyte cell line. *Am J Physiol Heart Circ Physiol.* 2012;303:H57-65.
 19. Wågsäter D, Johansson D, Fontaine V, Bäcklund A, Vorkapic E, Razuvaev A, Mäyränpää MI, Hjerpe C, Hamsten A, Franco-Cereceda A, Wilbertz J, Swedenborg J, Zhou X, Eriksson P. Serine protease inhibitor A3 influences aortic aneurysm formation. *Int J Mol Med.* 2012;30:288-94.

20. Deleskog A, Piksasova O, Silveira A, Samnegård A, Tornvall P, Eriksson P, Gustafsson S, Östenson C-G, Öhrvik J, Hamsten A. Serum 25-hydroxyvitamin D concentration, established and emerging cardiovascular risk factors and risk of myocardial infarction before the age of 60 years. *Atherosclerosis* 2012;223:223-9.
21. Pilbrow AP, Folkersen L, Pearson JF, Brown CM, McNoe L, Sweet WE, Tang W, Black MA, Troughton RW, Richards AM, Franco-Cereceda A, Gabrielsen A, Eriksson P, Moravec CS, Cameron VA. The chromosome 9p21.3 coronary heart disease risk allele is associated with altered cardiac gene expression in normal heart and vascular tissue. *Plos One* 2012;7:e39574:1-11.
22. Ekström M, Liska J, Eriksson P, Sverremark-Ekström E, Tornvall P. Stimulated in vivo synthesis of plasminogen activator inhibitor-1 in human adipose tissue. *Thromb Haemost.* 2012;108:485-92.
23. Sabater-Lleal M, Martinez-Perez A, Buil A, Folkersen L, Souto JC, Bruzelius M, Borrell M, Odeberg J, Silveira A, Eriksson P, Almasy L, Hamsten A, Soria JM. A genome-wide association study identifies KNG1 as a genetic determinant of plasma factor XI level and activated partial thromboplastin time. *Arterioscler Thromb Vasc Biol.* 2012;32:2008-2016.
24. Exeter HJ, Folkersen L, Palmen J, Franco-Cereceda A, Cooper JA, Kalea AZ, van't Hooft F, Eriksson P, Humphries SE, Talmud PJ. Functional analysis of two *PLA2G2A* variants associated with secretory PhospholipaseA2-IIA levels. *Plos One* 2012;7:e41139:1-11.

Review articles

1. Hamsten A, Eriksson P. Editorial: Quest for genes and mechanisms linking the human chromosome 9p21.3 locus to cardiovascular disease. *Circulation* 2012;126:1815-7.