

PER ERIKSSON PUBLICATIONS 2011**Peer-reviewed articles**

1. Paloschi V, Kurtovic S, Folkersen L, Gomez D, Wågsäter D, Roy J, Petrini J, Eriksson MJ, Caidahl K, Hamsten A, Liska J, Michel J-B, Franco-Cereceda A, Eriksson P. Impaired splicing of fibronectin is associated with thoracic aortic aneurysm formation in patients with bicuspid aortic valve. *Arterioscler Thromb Vasc Biol* 2011;31:691-7.
2. The Coronary Artery Disease (C4D) Genetics Consortium. 106 authors listed in working groups. Expression QTL analyses: Folkersen L, Kyriakou T, Franco-Cereceda A, Gabrielsen A, Seedorf U, MUTHER consortium, Eriksson P. A genome-wide association study in Europeans and South Asians reveals five novel loci for coronary artery disease. *Nature Genet.* 2011; 43:339-44.
3. Folkersen L, Wågsäter D, Paloschi V, Jackson V, Petrini J, Kurtovic S, Maleki S, Eriksson MJ, Caidahl K, Hamsten A, Michel JB, Liska J, Gabrielsen A, Franco-Cereceda A, Eriksson P. Unraveling the divergent gene expression profiles in bicuspid and tricuspid aortic valve patients with thoracic aortic dilatation – the ASAP study. *Mol Med.* 2011;17:1365-73.
4. Bown MJ, Jones GT, Harrison SC, Wright BJ, Bumpstead S, Baas AF, Gretarsdottir S, Badger SA, Bradley DT, Burnand K, Child AH, Clough RE, Cockerill G, Hafez H, Scott DJA, Futers S, 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, Kiemeneij LA, Assimes TL, McPherson R, CARDIoGRAM Consortium, Global BPgen Consortium, DIAGRAM Consortium, VRCNZ Consortium, Folkersen L, Franco-Cereceda A, Palmen J, Smith AJ, Sylvius N, Wild B, Refstrup M, Edkins S, Gwilliam R, Hunt SE, Potter S, Lindholt JS, Frikke-Schmidt R, Tybjærg-Hansen A, Hughes AE, Golledge J, Norman PE, van Rij A, Powell JT, Eriksson P, Stefansson K, Thompson JR, Humphries SE, Sayers RD, Deloukas P, Samani NJ. Abdominal aortic aneurysm is associated with a functional variant in the Low density lipoprotein receptor Related Protein 1 (LRP1) gene. *Am J Hum Genet.* 2011;89:619-27.
5. Nagy E, Andersson DC, Caidahl K, Eriksson MJ, Eriksson P, Franco-Cereceda A, Hansson GK, Bäck M. Upregulation of the 5-lipoxygenase pathway in human aortic valves correlates with severity of stenosis and leads to leukotriene-induced effects on valvular myofibroblasts. *Circulation* 2011;123:1316-25.
6. Nilsson L, Eriksson P, Cherfan P, Jonasson L. Effects of Simvastatin on Proinflammatory Cytokines and Matrix Metalloproteinases in Hypercholesterolemic Individuals. *Inflammation* 2011;34:225-30.
7. Ria M, Lagercrantz J, Samnegård A, Boquist S, Hamsten A, Eriksson P. A Common Polymorphism in the Promoter Region of the TNFSF4 Gene Is Associated with Lower Allele-Specific Expression and Risk of Myocardial Infarction. *PLoS One* 2011;6:e17652:1-11.
8. Mälarstig A, Silveira A, Wågsäter D, Öhrvik J, Bäcklund A, Samnegård A, Khademi M, Hellenius M-L, Leander K, Olsson T, Uhlén M, de Faire U, Eriksson P, Hamsten A.

Plasma CD93 concentration is a potential novel biomarker for coronary artery disease. *J Intern Med* 2011;270:229-36.

9. Björck HM, Eriksson P, Alehagen U, Ljungberg LU, DeBasso R, Persson K, Dahlström U, Länne T. Gender-specific association of the plasminogen activator inhibitor-1 4G/5G polymorphism with central arterial blood pressure. *Am J Hypertens* 2011;24:802-8.
10. Kurtovic S, Paloschi V, Folkersen L, Gottfries J, Franco-Cereceda A, Eriksson P. Diverging alternative splicing fingerprints in TGF β signaling pathway identified in thoracic aortic aneurysms. *Mol Med* 2011;17:665-75.
11. Wågsäter D, Zhu C, Björkegren J, Skogsberg J, Eriksson P. MMP-2 and MMP-9 are prominent matrix metalloproteinases during atherosclerosis development in the Ldlr-/ApoB100/100 mouse. *Int J Mol Med* 2011;28:247-253.
12. Villard C, Swedenborg J, Eriksson P, Hultgren R. Reproductive history in women with abdominal aortic aneurysm. *J Vasc Surg* 2011;54:341-45.
13. Jackson V, Petrini J, Caidahl K, Eriksson MJ, Liska J, Eriksson P, Franco-Cereceda A. Bicuspid aortic valve leaflet morphology in relation to aortic root morphology: a study of 300 patients undergoing open heart surgery. *Eur J Cardiothorac Surg* 2011;40:e118-24.
14. Sevastianova K, Sutinen J, Greco D, Sievers M, Salmenkivi K, Perttilä J, Olkkonen V, Wågsäter D, Lidell M, Enerbäck S, Eriksson P, Walker U, Auvinen P, Ristola M, Yki-Järvinen H. Comparison of dorsocervical to abdominal subcutaneous adipose tissue in patients with and without antiretroviral therapy-associated lipodystrophy. *Diabetes* 2011;60:1894-900.
15. Olsson C, Hillebrant C-G, Liska J, Lockowandt U, Eriksson P, Franco-Cereceda A. Mortality in acute type A aortic dissection: validation of the Penn classification. *Ann Thorac Surg* 2011;92:1376-83.
16. Folkesson M, Silveira A, Eriksson P, Swedenborg J. Protease activity in the multi-layered intra-luminal thrombus of abdominal aortic aneurysms. *Atherosclerosis* 2011;218:294-99.
17. 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 DJP, 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, Martínez-Larrad MT, Narisu N, Mannila MN, Öhrvik J, Osmond C, Pascoe L, Payne F, Sayer AA, Sennblad B, Silveira A, Stancakova A, Stirrups K, Swift AJ, Syvänen A, Tuomi T, van 't Hooft FM, Walker M, Weedon MN, Xie W, Zethelius B, the DIAGRAM Consortium, the GIANT Consortium, the MuTHER Consortium, the CARDIoGRAM Consortium, the C4D Consortium, Ongen H, Mälartig A, Hopewell JC, Saleheen D, Chambers J, Parish S, Danesh J, Kooner J, Östenson CG, Lind L, Cooper CC, Serrano-Ríos 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† and Florez JC†. Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes* 2011;60:2624-34.