

Literaturverzeichnis

Abecasis GR, Cardon LR & Cookson WO. A general test of association for quantitative traits in nuclear families. *Am J Hum Genet* 2000a;66(1):279–92.

Abecasis GR, Cookson WO & Cardon LR. Pedigree tests of transmission disequilibrium. *Eur J Hum Genet* 2000b;8(7):545–51.

Agerholm-Larsen B, Nordestgaard BG, Steffensen R, Jensen G & Tybjaerg-Hansen A. Elevated HDL cholesterol is a risk factor for ischemic heart disease in white women when caused by a common mutation in the cholesteryl ester transfer protein gene. *Circulation* 2000;101(16):1907–12.

Allison DB, Neale MC, Zannoli R, Schork NJ, Amos CI & Blangero J. Testing the robustness of the likelihood-ratio test in a variance-component quantitative-trait loci-mapping procedure. *Am J Hum Genet* 1999;65(2):531–44.

Almasy L & Blangero J. Multipoint quantitative-trait linkage analysis in general pedigrees. *Am J Hum Genet* 1998;62(5):1198–211.

Altmuller J, Palmer LJ, Fischer G, Scherb H & Wjst M. Genomewide scans of complex human diseases: true linkage is hard to find. *Am J Hum Genet* 2001;69(5):936–50.

Atkinson B & Therneau T. Mixed-effects Cox models, sparse matrices, and modeling data from large pedigrees. Mayo Foundation for Medical Education and Research, 2004.

Bauerfeind A, Knoblauch H, Costanza MC et al. Concordant association of lipid gene variation with a combined HDL/LDL-cholesterol phenotype in two European populations. *Hum Hered* 2006;in press.

Bauerfeind A, Knoblauch H, Schuster H, Luft FC & Reich JG. Single nucleotide polymorphism haplotypes in the cholesteryl-ester transfer protein (CETP) gene and lipid phenotypes. *Hum Hered* 2002;54(4):166–73.
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- Bentzen J, Jorgensen T & Fenger M. The effect of six polymorphisms in the apolipoprotein B gene on parameters of lipid metabolism in a danish population. *Clin Genet* 2002; 61(2):126–34.
- Bickeböller H, Campion D, Brice A et al. Apolipoprotein E and alzheimer disease: genotype-specific risks by age and sex. *Am J Hum Genet* 1997;60(2):439–46.
- Boekholdt SM, Kuivenhoven JA, Hovingh GK, Jukema JW, Kastelein JPJ & van Arie Tol. CETP gene variation: relation to lipid parameters and cardiovascular risk. *Curr Opin Lipidol* 2004;15(4):393–8.
- Boerwinkle E & Sing CF. Bias of the contribution of single-locus effects to the variance of a quantitative trait. *Am J Hum Genet* 1986;39(1):137–44.
- Boright AP, Connelly PW, Brunt JH, Morgan K & Hegele RA. Association and linkage of LDLR gene variation with variation in plasma low density lipoprotein cholesterol. *J Hum Genet* 1998;43(3):153–9.
- Botstein D & Risch N. Discovering genotypes underlying human phenotypes: past successes for mendelian disease, future approaches for complex disease. *Nat Genet* 2003;33 Suppl:228–37.
- Brousseau ME, Bodzioch M, Schaefer EJ et al. Common variants in the gene encoding ATP-binding cassette transporter 1 in men with low HDL cholesterol levels and coronary heart disease. *Atherosclerosis* 2001;154(3):607–11.
- Bull SB, Darlington GA, Greenwood CM & Shin J. Design considerations for association studies of candidate genes in families. *Genet Epidemiol* 2001;20(2):149–74.
- Carr MC, Ayyobi AF, Murdoch SJ, Deeb SS & Brunzell JD. Contribution of hepatic lipase, lipoprotein lipase, and cholesteryl ester transfer protein to LDL and HDL heterogeneity in healthy women. *Arterioscler Thromb Vasc Biol* 2002;22(4):667–73.
- Cavalli-Sforza LL & Bodmer WF. The Genetics of Human Populations. Mineola, New York: Dover Publications, Inc., republication, 2. edn., 1999.
- Chakravarti A. Population genetics—making sense out of sequence. *Nat Genet* 1999;21(1 Suppl):56–60.
- Clark AG. Finding genes underlying risk of complex disease by linkage disequilibrium mapping. *Curr Opin Genet Dev* 2003;13(3):296–302.

- Clee SM, Zwinderman AH, Engert JC et al. Common genetic variation in ABCA1 is associated with altered lipoprotein levels and a modified risk for coronary artery disease. *Circulation* 2001;103(9):1198–205.
- Cohen JC, Kiss RS, Pertsemidis A, Marcel YL, McPherson R & Hobbs HH. Multiple rare alleles contribute to low plasma levels of HDL cholesterol. *Science* 2004;305(5685):869–72.
- Collins FS, Guyer MS & Charkravarti A. Variations on a theme: cataloging human DNA sequence variation. *Science* 1997;278(5343):1580–1.
- Cordell HJ & Clayton DG. Genetic association studies. *Lancet* 2005;366(9491):1121–31.
- Dachet C, Poirier O, Cambien F, Chapman J & Rouis M. New functional promoter polymorphism, CETP/-629, in cholesteryl ester transfer protein (CETP) gene related to CETP mass and high density lipoprotein cholesterol levels: role of sp1/sp3 in transcriptional regulation. *Arterioscler Thromb Vasc Biol* 2000;20(2):507–15.
- Deeb SS, Zambon A, Carr MC, Ayyobi AF & Brunzell JD. Hepatic lipase and dyslipidemia: interactions among genetic variants, obesity, gender, and diet. *J Lipid Res* 2003; 44(7):1279–86.
- Devlin B & Risch N. A comparison of linkage disequilibrium measures for fine-scale mapping. *Genomics* 1995;29(2):311–22.
- Efron B & Tibshirani RJ. An Introduction to the Bootstrap. Boca Raton, Florida: CRC Press LLC, 1998.
- Falchi M, Forabosco P, Mocci E et al. A genomewide search using an original pairwise sampling approach for large genealogies identifies a new locus for total and low-density lipoprotein cholesterol in two genetically differentiated isolates of sardinia. *Am J Hum Genet* 2004;75(6):1015–31.
- Falconer DS & Mackay TFC. Introduction to Quantitative Genetics. Essex: Longman Group Ltd., 4th edn., 1996.
- Fisher RA. The correlation between relatives on the supposition of mendelian inheritance. *Transl R Soc* 1918;52:399–433.
- Fisher RM, Humphries SE & Talmud PJ. Common variation in the lipoprotein lipase gene: effects on plasma lipids and risk of atherosclerosis. *Atherosclerosis* 1997;135(2):145–59.
- Fojo SS, Taam L, Fairwell T et al. Human preproapolipoprotein C-II. analysis of major plasma isoforms. *J Biol Chem* 1986;261(21):9591–4.

- Freeman DJ, Griffin BA, Holmes AP et al. Regulation of plasma HDL cholesterol and subfraction distribution by genetic and environmental factors. associations between the taqi B RFLP in the CETP gene and smoking and obesity. *Arterioscler Thromb* 1994; 14(3):336–44.
- Fulker DW & Cherny SS. An improved multipoint sib-pair analysis of quantitative traits. *Behav Genet* 1996;26(5):527–32.
- Fulker DW, Cherny SS, Sham PC & Hewitt JK. Combined linkage and association sib-pair analysis for quantitative traits. *Am J Hum Genet* 1999;64(1):259–67.
- Gabriel SB, Schaffner SF, Nguyen H et al. The structure of haplotype blocks in the human genome. *Science* 2002;296(5576):2225–9.
- Goldstein DB, Cavalleri GL & Ahmadi KR. The genetics of common diseases: 10 million times as hard. *Cold Spring Harb Symp Quant Biol* 2003;68:395–401.
- Groenendijk M, Cantor RM, de T W Bruin & Dallinga-Thie GM. The apoAI-CIII-AIV gene cluster. *Atherosclerosis* 2001;157(1):1–11.
- Grundy SM, Cleeman JI, Merz CNB et al. Implications of recent clinical trials for the national cholesterol education program adult treatment panel III guidelines. *Circulation* 2004;110(2):227–39.
- Gudnason V, Kakko S, Nicaud V et al. Cholesteryl ester transfer protein gene effect on CETP activity and plasma high-density lipoprotein in european populations. the EARS group. *Eur J Clin Invest* 1999;29(2):116–28.
- Hagberg JM, Wilund KR & Ferrell RE. APO E gene and gene-environment effects on plasma lipoprotein-lipid levels. *Physiol Genomics* 2000;4(2):101–108.
- Harpending HC, Batzer MA, Gurven M, Jorde LB, Rogers AR & Sherry ST. Genetic traces of ancient demography. *Proc Natl Acad Sci U S A* 1998;95(4):1961–7.
- Harrell FEJ. Regression Modeling Strategies: With Applications to Linear Models, Logistic Regressions, and Survival Analysis. New York: Springer Series in Statistics, Springer Inc., 1999.
- Hartl DL. A primer of population genetics. Sunderland Massachusetts, USA: Sinauer Associates, Inc., 3rd edn., 1999.
- Hellige G, Spieckermann PG & Ziegler A. Lipoproteine und Atherogenese. München: Arcis-Verl., 1995.

- Higgins M. Epidemiology and prevention of coronary heart disease in families. *Am J Med* 2000;108(5):387–95.
- Hsu LA, Ko YL, Hsu KH, Ko YH & Lee YS. Genetic variations in the cholesteryl ester transfer protein gene and high density lipoprotein cholesterol levels in taiwanese chinese. *Hum Genet* 2002;110(1):57–63.
- Hubbard T, Barker D, Birney E et al. The ensembl genome database project. *Nucleic Acids Res* 2002;30(1):38–41.
- Hudson RR. Estimating the recombination parameter of a finite population model without selection. *Genet Res* 1987;50(3):245–50.
- Ilmonen M, Knudsen P, Taskinen MR & Tikkanen MJ. Genetic variation in the amino-terminal part of apolipoprotein B: studies in hyperlipidemic patients. *Atherosclerosis* 1998;138(2):367–74.
- Jansen H. Hepatic lipase: friend or foe and under what circumstances? *Curr Atheroscler Rep* 2004;6(5):343–7.
- Jansen H, Verhoeven AMJ & Sijbrands EGJ. Hepatic lipase: a pro- or anti-atherogenic protein? *J Lipid Res* 2002;43(9):1352–62.
- Kagan A, Harris BR, Winkelstein WJ et al. Epidemiologic studies of coronary heart disease and stroke in japanese men living in japan, hawaii and california: demographic, physical, dietary and biochemical characteristics. *J Chronic Dis* 1974;27(7-8):345–64.
- Kerlavage A, Bonazzi V, di Matteo Tommaso et al. The celera discovery system. *Nucleic Acids Res* 2002;30(1):129–36.
- Kimura M & Crow JF. The number of alleles that can be maintained in a finite population. *Genetics* 1964;49:725–38.
- Knoblauch H, Bauerfeind A, Krahenbuhl C et al. Common haplotypes in five genes influence genetic variance of LDL and HDL cholesterol in the general population. *Hum Mol Genet* 2002;11(12):1477–85.
- Knoblauch H, Bauerfeind A, Toliat MR et al. Haplotypes and SNPs in 13 lipid-relevant genes explain most of the genetic variance in high-density lipoprotein and low-density lipoprotein cholesterol. *Hum Mol Genet* 2004;13(10):993–1004.

- Knoblauch H, Busjahn A, Munter S et al. Heritability analysis of lipids and three gene loci in twins link the macrophage scavenger receptor to HDL cholesterol concentrations. *Arterioscler Thromb Vasc Biol* 1997;17(10):2054–60.
- Knoblauch H, Schuster H, Luft FC & Reich J. A pathway model of lipid metabolism to predict the effect of genetic variability on lipid levels. *J Mol Med* 2000;78(9):507–15.
- Kostner G & März W. Zusammensetzung und Stoffwechsel der Lipoproteine. In: Handbuch der Fettstoffwechselstörungen, eds. Schwandt P, Richter WO & Parhofer KG. Stuttgart: Schattauer Verlagsgesellschaft mbH, 2001;3–47.
- Kruglyak L & Lander ES. Complete multipoint sib-pair analysis of qualitative and quantitative traits. *Am J Hum Genet* 1995;57(2):439–54.
- Kuivenhoven JA, de P Knijff, Boer JM et al. Heterogeneity at the CETP gene locus. influence on plasma CETP concentrations and HDL cholesterol levels. *Arterioscler Thromb Vasc Biol* 1997;17(3):560–8.
- Lander ES. The new genomics: global views of biology. *Science* 1996;274(5287):536–9.
- Lander ES & Green P. Construction of multilocus genetic linkage maps in humans. *Proc Natl Acad Sci U S A* 1987;84(8):2363–7.
- Lange K. Mathematical and Statistical Methods for Genetic Analysis. New York: Springer-Verlag, 1997.
- Larson I, Hoffmann MM, Ordovas JM, Schaefer EJ, Marz W & Kreuzer J. The lipoprotein lipase hindIII polymorphism: association with total cholesterol and LDL-cholesterol, but not with HDL and triglycerides in 342 females. *Clin Chem* 1999;45(7):963–8.
- LeGoff W, Guerin M & Chapman MJ. Pharmacological modulation of cholesteryl ester transfer protein, a new therapeutic target in atherogenic dyslipidemia. *Pharmacol Ther* 2004;101(1):17–38.
- LeGoff W, Guerin M, Nicaud V et al. A novel cholesteryl ester transfer protein promoter polymorphism (-971G/a) associated with plasma high-density lipoprotein cholesterol levels. interaction with the taqIB and -629C/a polymorphisms. *Atherosclerosis* 2002; 161(2):269–79.
- Li WH & Sadler LA. Low nucleotide diversity in man. *Genetics* 1991;129(2):513–23.

- Lohmueller KE, Pearce CL, Pike M, Lander ES & Hirschhorn JN. Meta-analysis of genetic association studies supports a contribution of common variants to susceptibility to common disease. *Nat Genet* 2003;33(2):177–82.
- Lusis AJ. Genetic factors in cardiovascular disease. 10 questions. *Trends Cardiovasc Med* 2003;13(8):309–16.
- Mackay TFC. The genetic architecture of quantitative traits. *Annu Rev Genet* 2001; 35:303–39.
- Mahley RW & Rall SCJ. Apolipoprotein E: far more than a lipid transport protein. *Annu Rev Genomics Hum Genet* 2000;1:507–37.
- Mansmann U & Meister R. Testing differential gene expression in functional groups. goeman's global test versus an ANCOVA approach. *Methods Inf Med* 2005;44(3):449–53.
- Marenberg ME, Risch N, Berkman LF, Floderus B & de U Faire. Genetic susceptibility to death from coronary heart disease in a study of twins. *N Engl J Med* 1994;330(15):1041–6.
- Miettinen HE, Gylling H, Tenhunen J et al. Molecular genetic study of finns with hypoalphalipoproteinemia and hyperalphalipoproteinemia: a novel gly230 arg mutation (LCAT[fin]) of lecithin:cholesterol acyltransferase (LCAT) accounts for 5% of cases with very low serum HDL cholesterol levels. *Arterioscler Thromb Vasc Biol* 1998;18(4):591–8.
- Minihane AM, Finnegan YE, Talmud P, Leigh-Firbank EC & Williams CM. Influence of the APOC3 -2854t>g polymorphism on plasma lipid levels: effect of age and gender. *Biochim Biophys Acta* 2002;1583(3):311–4.
- Müller-Myhsok B & Abel L. Genetic analysis of complex diseases. *Science* 1997; 275(5304):1328–9; author reply 1329–30.
- Morabia A, Cayanis E, Costanza MC et al. Association between lipoprotein lipase (LPL) gene and blood lipids: a common variant for a common trait? *Genet Epidemiol* 2003a; 24(4):309–21.
- Morabia A, Cayanis E, Costanza MC et al. Association of extreme blood lipid profile phenotypic variation with 11 reverse cholesterol transport genes and 10 non-genetic cardiovascular disease risk factors. *Hum Mol Genet* 2003b;12(21):2733–43.
- Morrison DF. Multivariate Statistical methods. Duxbury Advanced Series. Thomson Publishers, 4th edn., 2005.

- Murray CJ & Lopez AD. Alternative projections of mortality and disability by cause 1990–2020: Global burden of disease study. *Lancet* 1997;349(9064):1498–504.
- Nabel EG. Cardiovascular disease. *N Engl J Med* 2003;349(1):60–72.
- Nagano M, Yamashita S, Hirano K et al. Point mutation (-69 G->a) in the promoter region of cholesteryl ester transfer protein gene in japanese hyperalphalipoproteinemic subjects. *Arterioscler Thromb Vasc Biol* 2001;21(6):985–90.
- Nagelkerke NJD. A note on a general definition of the coefficient of determination. *Biometrika* 1991;78:691–692.
- NCEP. The third report of the national cholesterol education program (ncep) expert panel on detection, evaluation, and treatment of high blood cholesterol in adults (adult treatment panel iii). Tech. rep., National Heart, Lung, and Blood Institute. National Institutes of Health., 2002. NIH Publication No. 02-5215.
- Neale BM & Sham PC. The future of association studies: gene-based analysis and replication. *Am J Hum Genet* 2004;75(3):353–62.
- Norum KR, Gjone E & Glomset J. Familial lecithin:cholesterol acyltransferase deficiency including fish eye disease. In: The Metabolic Basis of Inherited Disease, eds. Scriver CR, Beaudet AL, Sly WS & Valle D. New York: McGraw-Hill, Inc., 1989;1181–1194.
- Nothnagel M & Rohde K. The effect of snp marker selection on patterns of haplotype blocks and frequency estimates. *Am J Hum Genet* 2005;submitted. (submitted, personal communication).
- Nürnberg P, Reich J, Luft F et al. System von snp-haplotypen des menschlichen lipoproteinstoffwechsels zur diagnose und prognose des lipidstatus des menschen. Tech. rep., Europäisches Patentamt, 2004.
- Olivieri O, Bassi A, Stranieri C et al. Apolipoprotein C-III, metabolic syndrome, and risk of coronary artery disease. *J Lipid Res* 2003;44(12):2374–81.
- Peacock JM, Arnett DK, Atwood LD et al. Genome scan for quantitative trait loci linked to high-density lipoprotein cholesterol: The NHLBI family heart study. *Arterioscler Thromb Vasc Biol* 2001;21(11):1823–8.
- Pennacchio LA, Olivier M, Hubacek JA et al. An apolipoprotein influencing triglycerides in humans and mice revealed by comparative sequencing. *Science* 2001;294(5540):169–73.

- Pinheiro JC & Bates DM. Mixed-Effects Models in S and S-PLUS. New York: Springer-Verlag, Inc., 2000.
- Pritchard JK. Are rare variants responsible for susceptibility to complex diseases? *Am J Hum Genet* 2001;69(1):124–37.
- Pritchard JK & Cox NJ. The allelic architecture of human disease genes: common disease-common variant...or not? *Hum Mol Genet* 2002;11(20):2417–23.
- Pritchard JK & Przeworski M. Linkage disequilibrium in humans: models and data. *Am J Hum Genet* 2001;69(1):1–14.
- Pritchard JK, Stephens M, Rosenberg NA & Donnelly P. Association mapping in structured populations. *Am J Hum Genet* 2000;67(1):170–81.
- Probst MOC, Thumann H, Aslanidis C et al. Screening for functional sequence variations and mutations in ABCA1. *Atherosclerosis* 2004;175(2):269–79.
- Propping P & Nothen MM. Schizophrenia: genetic tools for unraveling the nature of a complex disorder. *Proc Natl Acad Sci U S A* 1995;92(17):7607–8.
- Province MA. Searching for the mountains of the moon: genome scans for atherosclerosis. *Curr Atheroscler Rep* 2002;4(3):169–75.
- Pruitt KD & Maglott DR. Refseq and locuslink: NCBI gene-centered resources. *Nucleic Acids Res* 2001;29(1):137–40.
- Rao DC, Morton NE, Gulbrandsen CL, Rhoads GG, Kagan A & Yee S. Cultural and biological determinants of lipoprotein concentrations. *Ann Hum Genet* 1979;42(4):467–77.
- Recalde D, Cenarro A, Garcia-Otin AL, Gomez-Coronado D, Civeira F & Pocovi M. Analysis of apolipoprotein A-I, lecithin:cholesterol acyltransferase and glucocerebrosidase genes in hypoalphalipoproteinemia. *Atherosclerosis* 2002;163(1):49–58.
- Reich DE, Cargill M, Bolk S et al. Linkage disequilibrium in the human genome. *Nature* 2001;411(6834):199–204.
- Reich DE & Lander ES. On the allelic spectrum of human disease. *Trends Genet* 2001;17(9):502–10.
- Risch N & Merikangas K. The future of genetic studies of complex human diseases. *Science* 1996;273(5281):1516–7.

- Rohde K & Fuerst R. Haplotyping and estimation of haplotype frequencies for closely linked biallelic multilocus genetic phenotypes including nuclear family information. *Hum Mutat* 2001;17(4):289–95.
- Ross R, Glomset J & Harker L. Response to injury and atherogenesis. *Am J Pathol* 1977; 86(3):675–84.
- Sachidanandam R, Weissman D, Schmidt SC et al. A map of human genome sequence variation containing 1.42 million single nucleotide polymorphisms. *Nature* 2001;409(6822):928–33.
- Schuster H, Lamprecht A, Junghans C et al. Approaches to the genetics of cardiovascular disease through genetic field work. *Kidney Int* 1998;53(6):1449–54.
- Scriver CR, Beaudet AL, Sly WS & Valle D. The metabolic & molecular bases of inherited disease. New York: McGraw-Hill, 8th edn., 2001.
- Sham PC, Cherny SS, Purcell S & Hewitt JK. Power of linkage versus association analysis of quantitative traits, by use of variance-components models, for sibship data. *Am J Hum Genet* 2000;66(5):1616–30.
- Sing CF & Davignon J. Role of the apolipoprotein E polymorphism in determining normal plasma lipid and lipoprotein variation. *Am J Hum Genet* 1985;37(2):268–85.
- Smith GD, Ebrahim S, Lewis S, Hansell AL, Palmer LJ & Burton PR. Genetic epidemiology and public health: hope, hype, and future prospects. *Lancet* 2005;366:1484–98.
- Somers RH. A new asymmetric measure of association for ordinal variables. *Am Soc Rev* 1962;:799–811.
- Sperling K. [human genome project: medicine in the light of evolution]. *Dtsch Med Wo chenschr* 2000;125(34-35):A15–21.
- Stocks J, Cooke CJ & Miller NE. A common lecithin: cholesterol acyltransferase gene variant (ser208→thr). *Atherosclerosis* 2000;149(1):219–20.
- Takahata N & Satta Y. Evolution of the primate lineage leading to modern humans: phylogenetic and demographic inferences from DNA sequences. *Proc Natl Acad Sci U S A* 1997;94(9):4811–5.
- Talmud PJ, Hawe E, Martin S et al. Relative contribution of variation within the APOC3/A4/A5 gene cluster in determining plasma triglycerides. *Hum Mol Genet* 2002; 11(24):3039–46.

- Templeton AR, Weiss KM, Nickerson DA, Boerwinkle E & Sing CF. Cladistic structure within the human lipoprotein lipase gene and its implications for phenotypic association studies. *Genetics* 2000;156(3):1259–75.
- Terwilliger JD & Goring HH. Gene mapping in the 20th and 21st centuries: statistical methods, data analysis, and experimental design. *Hum Biol* 2000;72(1):63–132.
- Terwilliger JD, Göring HHH, Magnusson PKE & Lee JH. Study design for genetic epidemiology and gene mapping: the korean diaspora project. *Shengming Kexue Yanjiu (Life Science Research)* 2002;6:95–115.
- Terwilliger JD & Weiss KM. Linkage disequilibrium mapping of complex disease: fantasy or reality? *Curr Opin Biotechnol* 1998;9(6):578–94.
- The International HapMap Consortium. A haplotype map of the human genome. *Nature* 2005;437(7063):1299–320.
- Vogler GP, McClearn GE, Snieder H et al. Genetics and behavioral medicine: risk factors for cardiovascular disease. *Behav Med* 1997;22(4):141–9.
- Wang J, Burnett JR, Near S et al. Common and rare ABCA1 variants affecting plasma HDL cholesterol. *Arterioscler Thromb Vasc Biol* 2000;20(8):1983–9.
- Wang X & Paigen B. Genome-wide search for new genes controlling plasma lipid concentrations in mice and humans. *Curr Opin Lipidol* 2005;16(2):127–37.
- Wijsman EM & Nur N. On estimating the proportion of variance in a phenotypic trait attributable to a measured locus. *Hum Hered* 2001;51(3):145–9.
- Williams KJ & Tabas I. The response-to-retention hypothesis of early atherogenesis. *Arterioscler Thromb Vasc Biol* 1995;15(5):551–61.
- Williams PT, Blanche PJ, Rawlings R & Krauss RM. Concordant lipoprotein and weight responses to dietary fat change in identical twins with divergent exercise levels 1. *Am J Clin Nutr* 2005;82(1):181–7.
- Williams RR, Hunt SC, Hopkins PN et al. Genetic basis of familial dyslipidemia and hypertension: 15-year results from utah. *Am J Hypertens* 1993;6(11 Pt 2):319S–327S.
- Zambon A, Deeb SS, Pauletto P, Crepaldi G & Brunzell JD. Hepatic lipase: a marker for cardiovascular disease risk and response to therapy. *Curr Opin Lipidol* 2003;14(2):179–89.
- Zeger SL, Liang KY & Albert PS. Models for longitudinal data: a generalized estimating equation approach. *Biometrics* 1988;44(4):1049–60.

- Ziegler A, Kastner C, Brunner D & Blettner M. Familial associations of lipid profiles: a generalized estimating equations approach. *Stat Med* 2000;19(24):3345–57.
- Zondervan KT & Cardon LR. The complex interplay among factors that influence allelic association. *Nat Rev Genet* 2004;5(2):89–100.