

## Publikationsliste – Inter99

- a) **Hovedstudiet**
- b) **Diabetesstudiet**
- c) **Genetisk diabetes studie**
- d) **Øjenstudiet**
- e) **Andre studier, som benytter Inter99 materiale**

### Akademiske afhandlinger

#### Ph.d.-afhandlinger

1. Ek J. Genetic and epidemiological studies of proteins involved in the pathogenesis of MODY, type 2 diabetes, and obesity. (ph.d.-afhandling). Københavns Universitet, 4. juni 2003. <sup>c)</sup>
2. Glümer C. Screening for Type 2 diabetes. Dia-Risk (ph.d.-afhandling). Københavns Universitet, 2004. <sup>b)</sup>
3. Jørgensen ME. Glucose intolerance and its relation to cardiovascular risk factors among Greenland Inuit (ph.d.-afhandling). Københavns Universitet, 2004. <sup>e)</sup>
4. Kessel L. Lens Fluorescence as a marker of ageing in relation to heritability, diabetes mellitus, and ischemic heart disease (ph.d.-afhandling). Københavns Universitet, 2004. <sup>d)</sup>
5. Pisinger C. Smoking cessation and smoking reduction in a general population (ph.d.-afhandling). Københavns Universitet, 2004. <sup>a)</sup>
6. Andersen G. Human sequence variation in metabolic disease – investigation of the genes encoding PPAR $\gamma$ , GLUT10, NCB5OR, and G $\beta$ 3 (ph.d.-afhandling). Københavns Universitet, 2005. <sup>c)</sup>
7. Hamid YH. Epidemiological and molecular studies of genetic variation in IL6, IL6R, LTA, ACDC and GPR40 in relation to phenotypes of the metabolic syndrome. (ph.d.-afhandling). Københavns Universitet, 2005. <sup>c)</sup>
8. Hansen SKP. Studies of genetic risk factors in the pathogenesis of monogenic diabetes and polygenic type 2 diabetes. (ph.d.-afhandling). Københavns Universitet, 2005. <sup>c)</sup>
9. Lauenborg J. Gestational diabetes mellitus: consequences and inheritance. (ph.d.-afhandling). Københavns Universitet, 2005. <sup>e)</sup>

10. Nielsen E-MD. Molecular and epidemiological studies of genetic determinants of type 2 diabetes – an experimental focus on the candidate genes encoding Kir6.2, PPAR $\alpha$ , IGF-1, CDKN1C, and CDK4. (ph.d.-afhandling). Københavns Universitet, 2005.<sup>c)</sup>
11. Husemoen LLN. Homocysteine and cardiovascular risk. Effect of lifestyle in relation to MTHFR (C677T) genotype (ph.d.-afhandling). København Universitet, 2006.<sup>a)</sup>
12. Johansen A. Genetic aspects of pancreatic  $\beta$ -cell dysfunction in type 1 diabetes, type 2 diabetes and maturity onset diabetes of the young (ph.d.-afhandling). Københavns Universitet 2006.<sup>c)</sup>
13. Larsen LH. Genetic aspects of human obesity. Studies of the candidate genes: MC4R, GHSR, ghrelin, PPARG2P and ESRRA (ph.d.-afhandling). Københavns Universitet 2006.<sup>c)</sup>
14. Aadahl M. Physical activity – Self-reported physical activity and cardiovascular biomarkers in an adult population (ph.d.-afhandling). Københavns Universitet 2007.<sup>a)</sup>
15. von Huth Smith L. Changing physical activity in an adult population. Intervention effects and predictors. The Inter99 study (ph.d.-afhandling). Københavns Universitet 2007.<sup>a)</sup>
16. Rose CS. Genetic aspects of type 2 diabetes in relation to pancreatic  $\beta$ -cell dysfunction and related quantitative traits (ph.d.-afhandling). Københavns Universitet 2008.
17. Stender-Petersen KL. Aspects of the molecular pathogenesis of obesity and type 2 diabetes (ph.d.-afhandling). Københavns Universitet, 2008.
18. Toft UN. Improving dietary habits in a general adult population. The Inter99 study (ph.d.-afhandling). Københavns Universitet, 2008.
19. Zobel DP. Studies of genetic risk factor in the pathogenesis of obesity and type 2 diabetes (ph.d.-afhandling). Københavns Universitet, 2008.
20. Færch K. Pathophysiology and aetiology of impaired fasting glycaemia and impaired glucose tolerance. (Ph.d.). Københavns Universitet, maj 2009.
21. Grarup N. Genetic aspects of type 2 diabetes and related traits – the past, present and future. (Ph.d.). Aarhus Universitet, maj 2009.
22. Torekov S. Obesity – is it all in the brain? Genetic aspects of appetite regulation. (Ph.d.). Københavns Universitet, september 2009.

23. Wegner L. The potential roles of PCK1, TCF712, and LMNA in the pathogenesis of type 2 diabetes and related metabolic phenotypes – experimental focus on the impact of genetic variation and gene expression. (Ph.d.). Københavns Universitet, september 2009.
24. Boesgaard TW. Genetic aspects of type 2 diabetes, monogenic forms of diabetes and traits of insulin release and insulin sensitivity. Ph.d.-afhandling. Københavns Universitet. 2010.
25. Engberg S. Progression to diabetes in a general Danish population. Ph.d.-afhandling. Københavns Universitet. 2010.
26. Lau CJ. Dietary patterns, lifestyle intervention and risk of type 2 diabetes. (Ph.d.-afhandling). Københavns Universitet, juni 2010.
27. Sparsø T. Genetics of type 2 diabetes. Experimental focus on three selected T2D genes: WFS1, GCKR, and MTNR1B in the post-genome-wide-association study era. Ph.d.-afhandling. Københavns Universitet. 2010

#### **MPH-afhandlinger og kandidatspecialer**

28. Voss Schrader AM. Psychological reactions on screening and intervention for prevention of ischaemic heart disease (IHD) (MPH-afhandling). Københavns Universitet, 2004.<sup>a)</sup>
29. Pisinger C. High risk strategy in smoking cessation is feasible on a population based level. The Inter99 study (MPH-afhandling). Københavns Universitet 2007.<sup>a)</sup>
30. Jakobsen M. Socioeconomic differences in the effect of a multi-factorial lifestyle intervention on dietary habits: the Inter99 study. (MPH-afhandling). Københavns Universitet 2009a).
31. Harder MN. Studies of the effect of genetic type 2 diabetes and obesity susceptibility variants on birth weight and mutation screening of MC4R. Kandidatspeciale. Københavns Universitet.
32. Justesen JM. Genetic-physiological studies of variants which predominantly associate with metabolic phenotypes related to obesity and non-alcoholic fatty liver disease.

#### **Originale videnskabelige publikationer**

33. Glümer C, Jørgensen T, Borch-Johnsen K. Prevalences of diabetes and impaired glucose regulation in a Danish population: The Inter99 study. *Diabetes Care* 2003;26:2335-2340.<sup>b)</sup>
34. Husemoen LL, Thomsen TF, Fenger M, Jørgensen HL, Jørgensen T. Contribution of thermolabile methylenetetrahydrofolate reductase variant to total plasma homocysteine levels in healthy men and women. *Inter99 (2). Genetic Epidemiology* 2003;24:322-330.<sup>a)</sup>

35. Jørgensen ME, Glümer C, Bjerregaard P, Gyntelberg F, Jørgensen T, Borch-Johnsen K and the Greenland Population Study. Obesity and central fat pattern among Greenland Inuit and a general population of Denmark (Inter99): Relationship to metabolic risk factors. *Int J Obesity* 2003;27:1507-1515.<sup>c)</sup>
36. Jørgensen T, Borch-Johnsen K, Thomsen TF, Ibsen H, Glümer C, Pisinger C. A randomized non-pharmacological intervention study for prevention of ischaemic heart disease: Baseline results Inter99 (1). *Eur J Cardiovasc Prev Rehabil* 2003;10:377-386.<sup>a)</sup>
37. Nielsen EM, Hansen L, Echwald SM, Drivsholm T, Borch-Johnsen K, Ekstrøm CT, Hansen T, Pedersen O. Evidence for an association between the Leu162Val polymorphism of the PPARalpha gene and decreased fasting serum triglyceride levels in glucose tolerant subjects. *Pharmacogenetics* 2003;13:417-423.<sup>c)</sup>
38. Glümer C, Carstensen B, Sandbæk A, Lauritzen T, Jørgensen T, Borch-Johnsen K. A Danish diabetes risk score for targeted screening. The Inter99 study. *Diabetes Care* 2004;27:727-733.<sup>b)</sup>
39. Glümer C, Jørgensen T, Borch-Johnsen K. Targeted screening for undiagnosed diabetes reduces the number of diagnostic tests. *Inter99(8). Diabetic Medicine* 2004;21:874-880.<sup>b)</sup>
40. Hamid YA, Urhammer SA, Jensen DP, Glümer C, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Variation in the interleukin-6 receptor gene associates with type 2 diabetes in Danish whites. *Diabetes* 2004;53:3342-3345.<sup>c)</sup>
41. Hansen SK, Gjesing AP, Rasmussen SK, Glümer C, Urhammer SA, Andersen G, Rose CS, Drivsholm T, Torekov SK, Jensen DP, Ekstrøm CT, Borch-Johnsen K, Jørgensen T, McCarthy MI, Hansen T, Pedersen O. Large-scale studies of the Hph insulin gene variable-number-of-tandem-repeats polymorphism in relation to Type 2 diabetes mellitus and insulin release. *Diabetologia* 2004;47:1079-1087.<sup>c)</sup>
42. Husemoen L, Thomsen TF, Jørgensen T. Effect of lifestyle factors on plasma total homocysteine concentrations in relation to MTHFR(C677T) genotype. The Inter99 Study. *European Journal of Clinical Nutrition* 2004;58(8):1142-50.<sup>a)</sup>
43. Johansen A, Nielsen E-MD, Andersen G, Hamid YH, Jensen DP, Glümer C, Drivsholm T, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Large-scale studies of the functional K variant of the butyrylcholinesterase gene in relation to type 2 diabetes and insulin secretion, *Diabetologia* 2004;47:1437-1441.<sup>c)</sup>

44. Kessel L, Hougaard JL, Mortensen C, Jørgensen T, Lund-Andersen H, Larsen L. Visual acuity and refractive errors in a suburban Danish population. Inter99 eye study. *Acta Ophthalmologica Scand* 2004;82:19-24.<sup>d)</sup>
45. Lau C, Færch K, Glümer C, Toft U, Tetens I, Borch-Johnsen K, Jørgensen T. Evaluation of dietary intake in a Danish population – the Inter99 study. *Scand J Nutr* 2004;48(3):136-143.<sup>a)</sup>
46. Lauenborg J, Damm P, Ek J, Glümer C, Jørgensen T, Borch-Johnsen K, Vestergaard H, Hornnes P, Pedersen O, Hansen T. Studies of the Ala/Val98 polymorphism of the hepatocyte nuclear factor-1 $\alpha$  gene and the relationship to  $\beta$ -cell function during an OGTT in glucose-tolerant women with and without previous gestational diabetes mellitus. *Diabetic Medicine* 2004;21:1310-1315.<sup>c)</sup>
47. Andersen G, Wegner L, Jensen DP, Glümer C, Tarnow L, Drivsholm T, Poulsen P, Hansen SK, Nielsen E-MD, Ek J, Mouritzen P, Vaag A, Parving H-H, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. PGC-1 $\alpha$  gly482Ser polymorphism associates with hypertension among Danish whites. *Hypertension* 2005;45:565-570.<sup>c)</sup>
48. Andersen G, Wegner L, Yanagisawa K, Rose CS, Lin J, Glümer C, Drivsholm T, Borch-Johnsen K, Jørgensen T, Hansen T, Spiegelmann BM, Pedersen O. Evidence of an association between genetic variation of the coactivator PGC-1 $\beta$  (beta) and obesity. *J Medical Genetics* 2005;42:402-407.<sup>c)</sup>
49. Andersen KL, Echwald SM, Larsen LH, Hamid YH, Glümer C, Jørgensen T, Borch-Johnsen K, Andersen T, Sørensen TIA, Hansen T, Pedersen O. Variation of the McKusick-Kaufman gene and studies of the relationships with common forms of obesity. *J Clin Endocrin Metab* 2005;90:225-230.<sup>c)</sup>
50. Ek J, Schack CR, Jensen DP, Glümer C, Borch-Johnsen K, Jørgensen T, Pedersen O, Hansen T. The Functional Thr130Ile and Val255Met Polymorphisms of the Hepatocyte Nuclear Factor-4 $\alpha$  (HNF-4 $\alpha$ ) Gene Associate with Type 2 Diabetes and Altered  $\beta$ -cell Function among Danes. *JCEM* 2005;90:3054-3059.<sup>c)</sup>
51. Færch K, Lau C, Tetens I, Pedersen O, Jørgensen T, Borch-Johnsen K, Glümer C. A statistical approach based on substitution of macronutrients provides additional information to models analyzing single dietary factors in relation to type 2 diabetes in Danish adults: the Inter99 study. *Nutritional Epidemiology* 2005;135:1177-1182.<sup>a)</sup>

52. Glümer C, Borch-Johnsen K, Colagiuri S. Can a screening programme for diabetes be applied to another population? *Diabetic Medicine* 2005;22:1234-1238.<sup>b)</sup>
53. Hamid YH, Urhammer SA, Jensen DP, Glümer C, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Variation in the interleukin-6 receptor gene associates with type 2 diabetes in Danish whites. *Diabetologia* 2005;48:251-260.<sup>c)</sup>
54. Hamid YH, Urhammer SA, Glümer C, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. The common T60N polymorphism of the lymphotoxin- $\alpha$  gene is associated with type 2 diabetes and other phenotypes of the metabolic syndrome. *Diabetologia* 2005;48:445-451.<sup>c)</sup>
55. Hamid YH, Vissing H, Holst B, Urhammer SA, Pyke C, Hansen SK, Glümer C, Borch-Johnsen K, Jørgensen T, Schwartz TW, Pedersen O, Hansen T. Studies of Relationships between Variation of the Human G Protein-Coupled Receptor 40 Gene and Type 2 Diabetes and Insulin Release. *Diabetic Medicine* 2005;22:74-80.<sup>c)</sup>
56. Hansen SK, Rose CS, Glümer C, Drivsholm T, Borch-Johnsen K, Jørgensen T, Pedersen O, Hansen H. Variation near the Hepatocyte Nuclear Factor (HNF)-4 $\alpha$  Gene Associates with Type 2 Diabetes in the Danish Population. *Diabetologia* 2005;48:452-458.<sup>c)</sup>
57. Hansen SK, Nielsen E-VD, Ek J, Andersen G, Glümer C, Carstensen B, Mouritzen P, Drivsholm T, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Analysis of separate and combined effects of common variation in KCNJ11 and PPARG on risk of type 2 diabetes. *J Clin Endocrinol Metab* 2005;90:3629-3637.<sup>c)</sup>
58. Lau C, Færch K, Glümer C, Tetens I, Pedersen O, Carstensen B, Jørgensen T, Borch-Johnsen K. Dietary glycemic index, glycemic load, fiber, simple sugars and insulin resistance. The Inter99 study. *Diabetes Care* 2005;28:1397-1403. Erratum: *Diabetes Care* 2005;28:2340-2341.<sup>b)</sup>
59. Lauenborg J, Damm P, Hansen T, Pedersen O, Mathiesen E, Borch-Johnsen K, Jørgensen T, Glümer C, Hornnes P. *J Clin Endocrinol Metab* 2005;90:4004-4010.<sup>c)</sup>
60. Pisinger C, Vestbo J, Borch-Johnsen K, Jørgensen T. It is possible to help smokers in early motivational stages to quit. The Inter99 study. *Preventive Medicine* 2005;40:278-284.<sup>a)</sup>
61. Pisinger C, Vestbo J, Borch-Johnsen K, Jørgensen T. Smoking cessation intervention in a large randomised population based study. The Inter99 study. *Preventive Medicine* 2005;40:285-292.<sup>a)</sup>

62. Pisinger C, Vestbo J, Borch-Johnsen K, Jørgensen T. Smoking reduction intervention in a large population based study. The Inter99 study. *Preventive Medicine* 2005;40:112-118.<sup>a)</sup>
63. Pisinger C, Vestbo J, Borch-Johnsen K, Thomsen T, Jørgensen T. Acceptance of the smoking cessation intervention in a large randomised population based study. The Inter99 study. *Scand J of Pub Health* 2005;33:138-145.<sup>a)</sup>
64. Rose CR, Andersen G, Hamid YH, Glümer C, Drivsholm T, Borch-Johnsen K, Jørgensen T, Pedersen OB, Hansen T. Studies of relationships between the GLUT10 Ala206Thr polymorphism and impaired insulin secretion. *Diabetic Medicine* 2005;22:946-949.<sup>c)</sup>
65. Rose CS, Ek J, Urhammer SA, Glümer C, Borch-Johnsen K, Jørgensen T, Pedersen O, Hansen T: A – 30G> A Polymorphism of the  $\beta$ -cell-specific glikokinase promoter associates with hyperglycaemia in the general population of whites. *Diabetes* 2005; 54: 3026-3031. <sup>c)</sup>
66. Torekov S, Larsen LH, Glümer C, Borch-Johnsen K, Jørgensen T, Holst JJ, Madsen OD, Hansen T, Pedersen O. Evidence of an association between the Arg72 allele of the peptide YY and increased risk of type 2 diabetes. *Diabetes* 2005;54:2261-2265.<sup>c)</sup>
67. Andersen G, Overgaard J, Albrechtsen A, Glümer C, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Studies of the association of the GNB3 825C>T polymorphism with components of the metabolic syndrome in white Danes. *Diabetologia* 2006;49:75-82.<sup>c)</sup>
68. Ek J, Hansen SK, Lajer M, Nico C, Boesgaard TW, Pruhova S, Johansen A, Albrechtsen A, Yderstræde K, Lauenborg J, Parrizas M, Boj SF, Jørgensen T, Borch-Johnsen K, Damm P, Ferrer J, Lebl J, Pedersen O, Hansen T. A novel-192c/g mutation in the proximal P2-promoter of the Hepatocyte Nuclear Factor-4 $\alpha$  Gene (HNF4A) associates with late-onset diabetes.. *Diabetes* 2006;55:1869-73.<sup>c)</sup>
69. Glümer C, Vistisen D, Borch-Johnsen K, Colagiuri S. Risk scores for type 2 diabetes can be applied in some populations but not all. *Diabetes Care* 2006;29:410-414.<sup>b)</sup>
70. Glümer C, Yuyun M, Griffin S, Farewell D, Spiegelhalter D, Kinmonth AL, Wareham NJ. What determines the cost-effectiveness of diabetes screening? *Diabetologia* 2006; 49:1536-1544. <sup>b)</sup>
71. Grarup N, Pedersen OB, Hansen T, Albrechtsen A, Ek J, Borch-Johnsen K, Jørgensen T, Glümer C. Studies of the relationship between the ENPP1 K121Q polymorphism and type 2 diabetes, insulin resistance, and obesity in 7,334 Danish whites. *Diabetologia* 2006;49:2097-2104. <sup>c)</sup>

72. Hainerova I, Torekov SS, Ek J, Finkova M, Borch-Johnsen K, Jørgensen T, Madsen OD, Lebl J, Hansen T, Pedersen O: Association between Neuromedin U gene variants and overweight and obesity. *J Clin Endocrinol Metab* 2006;91:5057-5063.<sup>c)</sup>
73. Hove ECv, Hansen T, Dekker JM, Reiling E, Nijpels G, Jørgensen T, Borch-Johnsen K, Hamid YH, Heine RJ, Pedersen O, Maassen JA, 't Hart LM. The *HADHSC* gene encoding short-chain L-3-Hydroxyacyl-CoA dehydrogenase (SCHAD) and type 2 diabetes susceptibility. *Diabetes* 2006;55:3193-96.<sup>c)</sup>
74. Husemoen LLN, Thomsen TF, Fenger M, Jørgensen T. Changes in lifestyle and total homocysteine in relation to MTHFR(C677T) genotype: the Inter99 study. *Eur J Clin Nutr* 2006;60:614-22.<sup>a)</sup>
75. Husemoen LLN, Toft U, Fenger M, Jørgensen T, Johansen N, Linneberg A. The association between atopy and factor influencing folate metabolism: is low folate status causally related to the development of atopy? *Int J Epidemiol* 2006;35:954-961<sup>e)</sup>
76. Jensen DP, Urhammer SA, Eiberg H, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Variation in *CAPN10* in relation to type 2 diabetes, obesity and quantitative metabolic traits: studies in 6018 whites. *Mol Genets Metab* 2006;89:360-367.<sup>c)</sup>
77. Kessel L, Jørgensen T, Glümer C, Larsen M. Early lens aging is accelerated in subjects with a high risk of ischemic heart disease: an epidemiologic study. *BMC Ophthalmology* 2006;6:16.<sup>d)</sup>
78. Lau C, Toft U, Tetens I, Richelsen B, Jørgensen T, Borch-Johnsen K, Glümer C. The association between dietary glycemic index, glycemic load and BMI in the Inter99 study: is underreporting a problem? *Am J Clin Nutr* 2006; 84:641-05.<sup>a)</sup>
79. Nolsøe RL, Hamid YH, Pociot F, Paulsen S, Andersen KM, Borch-Johnsen K, Drivsholm T, Hansen T, Pedersen O, Mandrup-Poulsen T. Association of a microsatellite in *FASL* to type II diabetes and of the *FAS-670G>A* genotype to insulin resistance. *Genes Immun* 2006;7:316-321.<sup>c)</sup>
80. Torekov SS, Larsen LH, Andersen G, Albrechtsen A, Glümer C, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Variants in the 5' region of the neuropeptide Y receptor Y2 gene (*NPY2R*) are associated with obesity in 5,971 white subjects. *Diabetologia* 2006;49:2653-58.<sup>c)</sup>
81. van Hove EC, Hansen T, Dekker JM, Reiling E, Nijpels G, Jørgensen T, Borch-Johnsen K, Hamid YH, Heine RJ, Pedersen O, Maassen JA, 't Hart LM. The *HADHSC* gene encoding

short-chain L-3-Hydroxyacyl-CoA dehydrogenase (SCHAD) and type 2 diabetes susceptibility. *Diabetes* 2006;55:3193-3196.<sup>c)</sup>

82. Wegner L, Andersen G, Albrechtsen A, Sparsø T, Glümer C, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O. Large-scale study of the -232C>G polymorphism of *PCK1* in type 2 diabetes. *Diabet Med* 2006;23:1140-44.<sup>c)</sup>
83. Aadahl M, Kjær M, Jørgensen T. Associations between overall physical activity level and cardiovascular risk factors in an adult population. *European Journal of Epidemiology*. 2007; 22(6):369-378.<sup>a)</sup>
84. Aadahl M, Kjær M, Jørgensen T. Influence of time spent on TV viewing and vigorous intensity physical activity on cardiovascular biomarkers. The Inter99 Study. *Eur J Cardiovasc Prev Rehabil* 2007;14:660-665.<sup>a)</sup>
85. Aadahl M, Kjær M, Kristensen JH, Møllerup B, Jørgensen T. Self-reported physical activity compared with maximal oxygen uptake in adults. *European Journal of Cardiovascular Prevention and Rehabilitation*. 2007; 14(3):422-428.<sup>a)</sup>
86. Andersson A-M, Jensen TK, Juul A, Petersen JH, Jørgensen T, Skakkebaek NE. Secular Decline in Male Testosterone and Sex Hormone Binding Globulin Serum Levels in Danish Population Surveys. *J Clin Endocrinol Metab* 2007;92:4696-4705. <sup>e)</sup>
87. Boesgaard TW, Jørgensen T, Borch-Johnsen K, Pedersen OB, Hansen T, Castella SI, Andersen G, Sparsø TH. A-243A>G polymorphism in the gene encoding GAD65 associates with lower levels of body mass index and glycemia in a population-based sample of 5,857 middle-aged whites. *Diabetic Medicin* 2007;24:702-706.<sup>c)</sup>
88. Dahlman I, Dicker A, Jiao H, Kere J, Blomqvist L, van Harmelen V, Hoffstedt J, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O, Laakso M, Arner P. A common haplotype in the G-protein-coupled receptor gene GPR74 is associated with leanness and increased lipolysis. *Am J Hum Genet* 2007;80:1115-1124.<sup>c)</sup>
89. Gjesing AP, Andersen G, Albrechtsen A, Glümer C, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O: Studies of associations between the Arg389Gly polymorphism of the beta(1)-adrenergic receptor gene (*ADRB1*) and hypertension and obesity in 7677 Danish white subjects. *Diabetes Med* 2007;24:392-397. <sup>c)</sup>
90. Gjesing AP, Andersen G, Burgdorf KS, Borch-Johnsen K, Jørgensen T, Hansen T, Pedersen O: Studies of the associations between functional beta(2)-adrenergic receptor variants and

obesity, hypertension and type 2 diabetes in 7,808 white subjects. *Diabetologia* 2007;50:563-568. <sup>c)</sup>

91. Grarup N, Albrechtsen A, Ek J, Borch-Johnsen K, Jørgensen T, Schmitz O, Hansen T, Pedersen O. Variation in the peroxisome proliferators-activated receptor  $\delta$  gene in relation to common metabolic traits in 7,495 middle-aged white people. *Diabetologia* 2007;50:1201-1208. <sup>c)</sup>
92. Grarup N, Andersen MK, Andresen CH, Albrechtsen A, Borch-Johnsen K, Jørgensen T, Auwerx J, Schmitz O, Hansen T, Pedersen O: Studies of the common DIO2 Thr92Ala polymorphism and metabolic phenotypes in 7,342 Danish whites. *J Clin Endocrinol Metab* 2007; 92: 363-366. <sup>c)</sup>
93. Grarup N, Rose CS, Andersson EA, Andersen G, Nielsen AL, Albrechtsen A, Clausen JO, Rasmussen SS, Jørgensen T, Sandbaek A, Lauritzen T, Schmitz O, Hansen T, Pedersen O. Studies of association of variants near the HHEX, CDKN2A/B, and IGF2BP2 genes with type 2 diabetes and impaired insulin release in 10,705 Danish subjects: validation and extension of genome-wide association studies. *Diabetes*. 2007;56(12):3105-11. <sup>c)</sup>
94. Gudmundsson J, Sulum P, Steinhordottir V, Bergthorsson JT, Thorleifsson G, Manolescu A, Rafnar T, Gudbjartsson D, Agnarsson BA, Baker A, Sigurdsson A, Benediktsson KR, Jakobsdottir M, Blondal T, Stacey SN, Helgason A, Gunnarsdottir S, Olafsdottir A, Kristinsson KT, Birgisdottir B, Ghosh S, Thorlacius S, Magnusdottir D, Stefansdottir G, Kristjansson K, Bagger Y, Wilensky RL, Reilly MP, Morris AD, Kimber CH, Adeyemo A, Chen Y, Zhou J, So WY, Tong PC, Ng MC, Hansen T, Andersen G, Borch-Johnsen K, Jørgensen T, Tres A, Fuertes F, Ruiz-Echarri M, Asin L, Saez B, van Boven E, Klaver S, Swinkels DW, Aben KK, Graif T, Cashy J, Suarez BK, van Vierssen Trip O, Frigge ML, Ober C, Hofker MH, Wijmenga C, Christiansen C, Rader DJ, Palmer CN, Rotimi C, Chan JC, Pedersen O, Sigurdsson G, Benediktsson R, Jonsson E, Einarsson GV, Mayordomo JJ, Catalona WJ, Kiiemenen LA, Barkardottir RB, Gulcher JR, Thorsteinsdottir U, Kong A, Stefansson K: Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. *Nat Genet* 2007;39: 977-983. <sup>c)</sup>
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- Thorsteinsdottir U, Gulcher JR, Kong A, Rotimi C, Stefansson K: Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. *Nat Genet* 2007;39: 218-225.<sup>c)</sup>
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