

**PUBLICERADE ARBETEN VID INSTITUTIONEN FÖR MOLEKYLÄR  
MEDICIN, ENHETEN FÖR ENDOKRINOLOGI OCH DIABETOLOGI ÅR 2002**

1. **Von Horn, H.**, Ekström, C., Ellis, E., Olivecrona, H., Einarsson, C., **Tally, M.** and Ekström, T.J. GH is a regulator of IGF2 promoter-specific transcription in human liver. *Journal of Endocrinology* 2002. 172:457-465.
2. Zhang, W., **Khan, A.**, **Östenson, C-G.**, **Berggren, P-O.**, **Efendic, S.** and Meister, B. Down-regulated expression of exocytotic proteins in pancreatic islets of diabetic GK rats. *Biochemical and Biophysical Res Com* 2002. 291: 1038-1044.
3. Efanov, E.M., Appelskog, I.B., **Abdel-Halim, S.M.**, **Khan, A.**, Bränström, R., Larsson, O., **Östenson, C-G.**, Mest, H-J., **Berggren, P-O.**, **Efendic, S.** and **Zaitsev, S.** Insulinotropic activity of the imidazoline derivative RX871 024 in the diabetic GK rat. *Am J Physiol Endocrinol Metab* 2002. 282: E 117 -E 124.
4. **Leibiger, B.**, **Moede, T.**, **Uhles, S.**, **Berggren, P-O.** and **Leibiger, I.B.** Short-term regulation of insulin gene transcription. *Biochemical Society Transactions* 2002. 30: part 2,312-317.
5. **Shadidul, I.** *Perspectives in Diabetes*. The ryanodine receptor calcium channel of  $\beta$ -cells. Molecular regulation and physiological significance. *Diabetes* 2002. 51:000-000.
6. **Östenson, C-G.**, Sandberg-Nordqvist, A-C., Chen, J., Hallbrink, M., Rotin, D., Langel, U. and **Efendic, S.** Overexpression of protein-tyrosine phosphatase PTP $\sigma$  is linked to impaired glucose-induced insulin secretion in hereditary diabetic Goto-Kakizaki rats. *Biochem and Biophys Res Comm* 2002. 291:945-950.
7. **Grill, V.**, Dinesen, B., Carlsson, S., **Efendic, S.**, Pedersen, O. and **Östenson, C-G.** Hyperproinsulinemia and proinsulin-to-insulin ratios in swedish middle-aged men: Association with glycemia and insulin resistance but not with family history of diabetes. *American Journal of Epidemiology* 2002. 155:834-841.
8. Junzhi, J., **Yang, S-N.**, Huang, X., Shen, L., Diamant, N., **Berggren, P-O.** and Gaisano, H. Modulation of L-type Ca<sup>2+</sup> channels by distinct domains within SNAP-25. *Diabetes* 2002.51:1425-1436.
9. Høy, M., Efanov, A.M., **Bertorello, A.M.**, **Zaitsev, S.V.**, Olsen, H.L., Bokvist, K., **Leibiger, B.**, **Leibiger, I.B.**, Zwiller, J., **Berggren, P-O.** and Gromada, J. Inositol hexakisphosphate promotes dynamin I-mediated endocytosis. *PNAS* 2002.99:6773-6777.
10. **Leibiger, B.**, **Moede, T.**, **Uhles, S.**, **Berggren, P-O.** and **Leibiger, I.B.** Short-term regulation of insulin gene transcription. *Biochemical Society Transactions* 2002. 30:312-317.

11. Kärvestedt, L., Andersson, G., **Efendic, S.** and **Grill, V.** A rapid increase in  $\beta$ -cell function by multiple insulin injections in type diabetic patients is not further enhanced by prolonging treatment. *Journal of Internal Medicine* 2002.251:307-316.
12. **von Horn, H.**, Hwa, V., Rosenfeld, R.G., **Hall, K.**, The, B.T., **Tally, M.**, Ekström, T.J. and Gray, S.G. Altered expression of low affinity insulin-like growth factor binding protein related proteins in hepatoblastoma. *International Journal of Molecular Medicine* 2002. 9:645-649.
13. Nygren, J., Thorell, A., **Brismar, K.**, Essen, P., Wernerman, J., McNurlan, M.A., Garlick, P.J. and Ljungqvist, O. Glucose flux is normalized by compensatory hyperinsulinaemia in growth hormone-induced insulin resistance in healthy subjects, while skeletal muscle protein synthesis remains unchanged: *Clinical Science* 2002. 102:457-464.
14. Blomqvist, G., **Alvarsson, M.**, **Grill, V.**, Yon Heijne, G., Ingvar, M., Thorell, J.O., Stone- Elander, S., Widen, L. and Ekberg, K. Effect of acute hyperketonemia on the cerebral uptake of ketone bodies in nondiabetic subjects and IDDM patients. *Am J Physiol Endocrinol Metab* 2002. 282:E20-E28.
15. van Setten, G.B., **Brismar, K.** and Algyere, P. Elevated intraocular levels of insulin-like growth factor I in a diabetic patient with acromegaly. *Case report Orbit* 2002. 21 :no2, 161-167.
16. **Turunen, M.**, WeWin, L., Sjöberg, M., Lundahl, J., Dallner, G., **Brismar, K.** and **Sindelar, P.** J.  $\beta$ 2-integrin and lipid modifications indicate a non-antioxidant mechanism for the anti-atherogenic effect of dietary coenzyme Q 10. *Biochem. Biophys. Res. Com.* 296 2002. 255-260.
17. **Lewitt, M.S.** and **Brismar, K.** Gender difference in the leptin response to feeding in peroxisome-proliferator-active receptor-alpha knockout mice. *International Journal of Obesity* 2002.26:1296-1300.
18. Riserus, U., **Brismar, K.**, Arner, P. and Vessby, B. Treatment with dietary trans 10 *cis* 12 conjugated linoleic acid causes isomer-specific insulin resistance in obese men with the metabolic syndrome. *Diabetes Care* 2002.25:1516-1521.
19. **Ghaderi, M.**, Wallin, K-L., Wiklund, F., **Nikitina Zake, L.**, Hallmans, G., Lenner, P., Dillner, J. and **Sanjeevi, C.B.** Risk of invasive cervical cancer associated with polymorphic HLA DR/DQ haplotypes. *Int. J. Cancer* 2002. 100:698-701.
20. **Nikitina Zake, L.**, Cimkina, I., Rumba, I., Dabadghao, P. and **Sanjeevi, C.B.** Major histocompatibility complex class I chain related (MIC) A gene, TNF $\alpha$  microsatellite alleles and TNFB alleles in juvenile idiopathic arthritis patients from Latvia. *Human Immunology* 2002.63:418-423.

21. Graham, J., Hagopian, W.A., **Kockum, I.**, Li, L.S., **Sanjeevi, C.B.**, Lowe, R.M., Shaefer, J.B., Zarghami, M., Day, H.L., Landin-Olsson, M., Palmer, J.P., Janer-Villanueva, M., Hood, L., Sundkvist, G., Lernmark, A., Breslow, N., Dahlquist, G. and Blohme, G. Genetic effects on age-dependent onset and islet cell autoantibody markers in type I diabetes. *Diabetes* 2002.51:1346-1355
22. Andersson, C.M., Bjärås, G.E.M and **Östenson, C-G.** A stage model for assessing a community-based diabetes prevention program in Sweden. *Health Promotion international* 2002. 17 No 4:317-327.
23. Peacock, C.S., **Sanjeevi, C.B.**, Shaw, M-A., Collings, A., Campell, R.D., March, R., Silveria, F., Costa, J., Coste, C.H., Nascimento, M.D., Siddiqui, R., Shaw, J.J. and Blackwell, J .M. Genetic analysis of multicase families of visceral leishmaniasis in northeastern Brazil: no major role for class II or class III regions of HLA. *Genes and Immunity* 2002.3:350-358.
24. Alm, J.S., **Sanjeevi, C.B.**, Miller, E.N., Dabadghao, P., Lilja, G., Pershagen, G., Blackwell, J .M. and Scheynius, A. Atopy in children in relation to BCG vaccination and genetic polymorphisms at SLC II A I (formerly NRAMP I) and D2S 1471. *Genes and Immunity* 2002.3:71-77.
25. **Sanjeevi, C.B.**, Lybrand, T.P., Stevanovic, S. and Rammensee, H.G. Molecular modelling of eluted peptides from DQ6 molecules (DQB I \*0602 and DQB I \*0604) negatively and positively associated with type I diabetes. *Ann New York Academy of Sciences* 2002.958:317-320.
26. **Sanjeevi, C.B.**, Kanungo, A. and Samal, K.C. Immunogenetic studies on malnutrition-related diabetes mellitus. *Ann New York Academy of Sciences* 2002.958:144-147.
27. Kanungo, A., Samal, K.C. and **Sanjeevi, C.B.** Molecular mechanisms involved in the etiopathogenesis of malnutrition-modulated diabetes mellitus. *Ann New York Academy of Sciences* 2002.958:138-143.
28. Samal, K.C., Kunungo, A. and **Sanjeevi, C.B.** Clinicoepidemiological and biochemical profile of malnutrition-modulated diabetes mellitus. *Ann New York Academy of Sciences* 2002. 958:131-137.
29. **Cotta Doné, S., Leibiger, I.B.**, Efendiev, R., Katz, A.I., **Leibiger, B., Berggren, P-O.**, Pedemontes, C.H. and **Bertorello, A.M.** Tyrosine 537 within the Na<sup>+</sup>, K<sup>+</sup>-ATPase  $\alpha$ -subunit is essential for AP-2 binding and clathrin-dependent endocytosis. *J Biol Chem* 2002. 277:17108-17111
30. Gaisano. H. Y., **Östenson, C-G.**, Sheu, L., Wheeler, M.B. and **Efendic, S.** Abnormal expression of pancreatic islet exocytosis soluble N-ethylmaleimide –sensitive factor attachment protein receptors in Goto-Kakizaki rats is partially restored by phlorizin treatment and accentuated by high glucose treatment. *Endocrinology* 2002. 143:4218-4226.

31. Guest P.C., **Abdel-Halim, S.M.**, Gross, D.J., Clark, A., Poitout, V., Amaria, R., **Östenson, C-G.** and Hutton, J.C. Proinsulin processing in the diabetic Goto-Kakizaki rat. *J Endocrinol* 2002. 175:637-647.
32. Sjöholm, Å., Lehtihet, M., Efanov, A.M., **Zaitsev, S.V.**, **Berggren, P-O.** and Honkanen. R.E. Glucose metabolites inhibit proteub ohosphatases and directly promote insulin exocytosis in pancreatic  $\beta$ -cells. *Endocrinology* 2002. 143:4592-4598.
33. Efendiev, R., Yudowski, G.A., Zwiller, J., **Leibiger, B.**, Katz, A.I., **Berggren, P-O.**, Pedemontes, C.H., **Leibiger, I.B.** and **Bertorello, A.M.** Relevance of dopamine signals anchoring dynamin-2 to the plasma membrane during  $\text{Na}^+, \text{K}^+$ -ATPase endocytosis. *J Biol Chem* 2002. 277:44108-44114.
34. **Leibiger, I. B.**, **Leibiger, B.** and **Berggren, P-O.** Insulin feedback action on pancreatic  $\beta$ -cell function. *FEBS Letters* 2002. 532:1-6.
35. Bennet, A.M., **Brismar, K.**, Hallqvist, J., Reutervall, C. and de Faire, U. The risk of myocardial infarction is enhanced by a synergistic interaction between serum insulin and smoking. *European J Endocrinology* 2002. 147:641-647.
36. **Shtauvere-Brameus, A.**, **Ghaderi, M.**, Rumba, I. and Sanjeevi, C.B. Microsatellite allele 5 of MHC class I chain-related gene a increases the risk for insulin-dependent diabetes mellitus in Latvians. *Ann New York Academy of Sciences* 2002. 958:349-352.
37. **Berzina, L.**, **Shtauvere-Brameus, A.**, Rumba, I. and **Sanjeevi, C.B.** Microsatellite allele A5.1 of MHC class I chain-related gene a is associated with latent autoimmune diabetes in adults in Latvia. *Ann New York Academy of Sciences* 2002. 958:353-356.
38. **Berzina, L.**, Ludvigsson, J., Sadauskaite-Kuehne, V., Nelson, N., **Shtauvere-Brameus, A.** and **Sanjeevi, C.B.** DR3 is associated with type 1 diabetes and blood group ABO incompatibility. *Ann New York Academy of Sciences* 2002. 958:345-348.
39. **Sanjeevi, C.B.**, Kanungo, A., **Berzina, L.**, **Shtauvere-Brameus, A.**, **Ghaderi, M.** and Samal, K.C. MHC class I chain-related gene a alleles distinguish malnutrition-modulated diabetes, insulin-dependent diabetes, and non-insulin-dependent diabetes mellitus patients from eastern India. *Ann New York Academy of Sciences* 2002. 958:341-344.
40. **Sanjeevi, C.B.**, Gamelunghe, G., Falorni, A., **Shtauvere-Brameus, A.** and Kanungo, A. Genetics of latent autoimmune diabetes in adults. *Ann New York Academy of Sciences* 2002. 958:107-111.
41. **Barker, C.J.**, **Leibiger, I.B.**, **Leibiger, B.** and **Berggren, P-O.** Phosphorylated inositol compounds in  $\beta$ -cell stimulus-response coupling. *Am J Physiol Endocrinol Metab* 2002. 283:E1113-1122.

42. Persson, M.D., **Brismar, K.E.**, Katzarski, K.S., Nordenström, J. and Cederholm, T.E. Nutritional status using mini nutritional assessment and subjective global assessment predict mortality in geriatric patients. *American Geriatrics Society* 2002. 50:1996-2002.
43. Unden, A-L., Elofsson, S., Knox, S, **Lewitt, M.S. and Brismar, K.** IGF-I in a normal population: relation to psychosocial factors. *Clin Endocrin* 2002. 57:793-803.
44. Shiota, C., Larsson, O., Shelton, K.D., Shiota, M., Efanov, A.M., Høy, M., Lindner, J., Kooptiwut, S., **Juntti-Berggren, L.**, Gromada, J., **Berggren, P-O.** and Magnuson, M.A. Sulfonylurea receptor type 1 knock-out mice have intact feeding stimulated insulin secretion despite marked impairment in their response to glucose. *J Biol Chem* 2002. 277:no 40,37176-37183.
45. Shafgat, J., **Juntti-Berggren, L.**, Zhong, Z., Ekberg, K., **Köhler, M., Berggren, P-O.**, Johansson, J., Wahren, J. and Jörnvall, H. Proinsulin C-peptide and its analogues induce intracellular  $Ca^{+2}$  increases in human renal tubular cells. *CMLS Cell Mol Life Sci* 2002.59:1185-1189.
46. Ji, J., **Yang, S-N.**, Huang, X., Li, X., Sheu, L., Diamant, N., **Berggren, P-O.** and Gaisano, H.Y. Modulation of L-type  $Ca^{2+}$  channels by distinct dominans within SNAP-25. *Diabetes* 2002. 51:1425-1436.
47. Bruton, J.D., **Lemmens, R.**, Shi, C-L., Persson-Sjögren, S., Wsterblad, H., Ahmed, M., Pyne N.J., Frame, M., Furman,B.L. and **Islam, S.** Ryanodine receptors of pancreatic  $\beta$ -cells mediate a distinct context-dependent signal for insulin secretion. *FASEB J* 2002. 301-303.
48. **Berzinas, L., Shtauvere-Brameus, S.**, Ludvigsson, J and **Sanjeevi, C.B.** Newborn screening for high-risk human leukocyte antigen markers associated with insulin-dependent diabetes mellitus. *Ann. N.Y. Acad. Sci.* 2002. 958:312-316.
49. **Shtauvere-Brameus, A.**, Falorni, A., Rumba, I. and **Sanjeevi, C.B.** Islet autoantibodies in Latvian subjects with non-insulin-depentent diabetes mellitus. Slow-onset type 1 diabetes of polyendocrine autoimmunity. *Ann. N.Y. Acad. Sci.* 2002. 958:250-262.
50. **Gupta, M.**, Tandon, N., **Shtauvere-Brameus, A. and Sanjeevi, C.B.** ICA12 autoantibodies are associated with non-DR3/non-DR4 in patients with latent autoimmune diabetes in adults from northern India. *Ann. N.Y. Acad. Sci.* 2002. 958:329-332.
51. Törn, C., **Shtauvere-Brameus, S., Sanjeevi, C.B.** and Landin-Olsson, M. Increased autoantibodies to SOX13 in Swedish patients with type 1 diabetes. *Ann. N.Y. Acad. Sci.* 2002. 958:218-223.
52. **Balaji, M., Shtauvere-Brameus, A., Balaji, V., Seshiah, V. and Sanjeevi, C.B.** Women diagnosed with gestational diabetes mellitus do not carry antibodies against minor islet cell antigens. *Ann. N.Y. Acad. Sci.* 2002. 958:281-284.

53. Madhanan, R., Pathiban, M., Panchapakesa Rajendran, C., Chandrasekaran, A.N., **Lake, N. and Sanjeevi, C.B.** HLA class I and class II association with ankylosing spondylitis in a souther Indian population. *Ann. N.Y. Acad. Sci.* 2002. 958:403-407.
54. **Sanjeevi, C.B.**, Landin-Olsson, M., **Kockum, I.**, Dahlquist, G., **Lernmark, Å.** The combination of several polymorphic amino acid residues in the DQ $\alpha$  and DQ $\beta$  chains forms a domain structure pattern and is associated with insulin-dependent diabetes mellitus. *Ann. N.Y. Acad. Sci.* 2002. 958:362-375.
55. Parthiban, M., Madhavan, R., Porkodi, R., Panchapakesa Rajendran, C., **Lake, N., Sanjeevi, C.B.** and Chandrasekaran, N. Class II MHC alleles in rheumatoid arthritis in tamilnadu, India. *Ann. N.Y. Acad. Sci.* 2002. 958:412-415.
56. **Shtauvere-Brameus, A.**, Hagopian, W., Rumba, I. and **Sanjeevi, C.B.** Antibofird yo new beta cell antigen ICA12 in Latvian diabetes patients. *Ann. N.Y. Acad. Sci.* 2002. 958:297-304.
57. **Shtauvere-Brameus, A.**, Dabadghao, P., Rumba, I. and **Sanjeevi, C.B.** Tumor necrosis factor- $\alpha$  allele 2 shows an association with insulin-dependent diabetes mellitus in Latvians. *Ann. N.Y. Acad. Sci.* 2002. 958:357-361.
58. **Sanjeevi, C.B.**, Das, A.K., and **Shtauvere-Brameus, A.** BCG vaccination and GAD65 and IA-2 autoantibodies in autoimmune diabetes in souther India. *Ann. N.Y. Acad. Sci.* 2002. 958:293-296.
59. Datta N., **Shtauvere-Brameus, A.**, **Gupta, V.**, Mani, M.K. and **Sanjeevi, C.B.** Autoimmune diabetes in 26 villages outside Madreas. *Ann. N.Y. Acad. Sci.* 2002. 958:285-288.
60. Kanungo, A., **Shtauvere-Brameus, A.**, Samal, K.C. and **Sanjeevi, C.B.** Autoantibodies to tissue transglutaminase in patients from eastern India with malnutrition-modulated diabetes mettlitus, insulin-dependent diabetes mellitus, and non-insulin-dependent diabetes mellitus. *Ann. N.Y. Acad. Sci.* 2002. 958:232-234.
61. Tandon, N., **Shtauvere-Brameus, A.**, Hagopian, W.A. and **Sanjeevi, C.B.** Prevalence of ICA-12 and other autoantibodies in north Indian patients with early-onset diabetes. *Ann. N.Y. Acad. Sci.* 2002. 958:214-217.
62. Das, A.K., **Shtauvere-Brameus, A.** and **Sanjeevi, C.B.** GAD65 and ICA512 antibodies in undernourished and normally nourished south Indian patients with diabetes. *Ann. N.Y. Acad. Sci.* 2002. 958:247-250.
63. **Nikitina Zake, L.**, Ghaderi, M., Park, Y.S., Babu, S., Eisenbarth, G. and **Sanjeevi, C.B.** MHC class I chain-related gene alleles 5 and 5.1 are transmitted more frequently to type 1 diabetes offspring in HBDI families. *Ann. N.Y. Acad. Sci.* 2002. 958:309-311.
64. Høy, M., Maechler, P., Efanov, A.M., Wollheim, C.B., **Berggren, P-O.** and Gromada, J. Increase in cellular glutamate levels stimulates exocytosis in pancreatic  $\beta$ -cells. *FEBS Letters* 2002. 531:199-203.

65. **Efendic, S.**, Efanov, A.M., **Berggren, P-O.** and **Zaitsev, S.** Two generations of insulinotropic imidazoline compounds. *Diabetes* 2002. vol 51 (suppl.3):S448-S454.
66. **Melkersson, K.** and **Hulting, A-L.** Recovery from new-onset diabetes in a schizophrenic man after withdrawal olanzapine. *Psychosomatics* 2002. 43:1, 67-70.
67. Anissian, L., Stark, A., Dahlstrand, H, Granberg, B., Good, V. and **Bucht E.** Cobalt ions influence proliferation and function of human osteoblast-like cells. *Acta Orthop Scand* 2002; 73:369-374.
68. **Petersson, M.**, Lagumdzija, A., Stark, A. and **Bucht E.** Oxytocin stimulates proliferation of human osteoblast-like cells. *Peptides* 2002. 23:1121-1126.
69. Guldstrand, M., **Grill, V.**, **Björklund, A.**, Lins, P-E. and Adamson U. Improved beta cell function and short-term treatment with diazoxide in obese subjects with type 2 diabetes. *Diabetes Metab* 2002. 28 (6) 448-456.
70. **Grill, V.**, **Björklund, A.** Type 2 diabetes-Effect of compensatory overstimulation as a reason for  $\beta$ -cell collapse. *Int. Jnl. Experimental Diab. Res.* 2002. 3:153-158.
71. Ursing, C., Härtter, S., von Bahr, C., Tybring, G., Bertilsson, L. and **Röjdmarm, S.** Does hepatic metabolism of melatonin affect the endogenous serum melatonin level in man? *J. Endocrinol Invest* 2002. 25:459-462.
72. **Röjdmarm, S.**, and von Bahr, C. Metabolic interaction between psychopharmaceuticals. Probable cause of exacerbation of hypothyroidism according to a case report. *Läkartidningen* 2002. 99(25):2854-2856.
73. **Hilding, A.**, **Möller, C.** and **Hall, K.** Glucagon and GLP-1 stimulate IGFBP-1 secretion in Hep G2 cells without effect on IGFBP-1 mRNA. *Growth Hormone & IGF Res* 2002. 12:60-68.
74. Östlund, E., Tally, M. and Fried, G. Transformin growth factor-beta 1 in fetal serum correlates with insulinlike growth factor-I fetal growth. *Obstet Gynecol* 2002. 100(3):567-573.
75. Ahrén, B., Simonsson, E., Larsson, H., Landin-Olsson, M., Torgeirsson, H., Jansson, P-A., Sandqvist, M., Båvenholm, P., **Efendic, S.**, Eriksson, J.W., Dicinson, S. and Holmes, D. Inhibition of dipeptidyl peptidase IV improves metabolic control over a 4-week study period in type 2 diabetes. *Diabetes Care* 2002. 25:869-875.
76. Kalani, M., Jörneskog, G., Naderi, N., Lind, F., **Brismar, K.** Hyperbaric oxygen (HBO) therapy in treatment of diabetic foot ulcer - Long-term follow up. *Journal of Diabetes and its complication* 2002. 16(2):153-158.
77. Sohlström, A., Olausson, H. and **Brismar, K.** Oxytocin treatment during early life influences reproductive performance in ad libitum fed and food-restricted female rats. *Biology of the Neonate* 2002. 81(2):132-138.

78. **Cejvan, K.**, Coy, D.H., Juul Holst, J., Cerasi, E. and **Efendic, S.** Gliclazide directly inhibits arginine-induced glucagons release. *Diabetes* 2002. 51(suppl 3):S381-S384.
79. Norhammar, A., Tenerz, Å., Nilsson, G., Hamsten, A., **Efendic, S.**, Rydén, L. and Malmberg, K. Glucose metabolism in patients with acute myocardial infarction and no previous diagnosis of diabetes mellitus: a prospective study. *Lancet* 2002. 359:2140-2144.
80. Näslund, E., Skogar, S., **Efendic, S.** and Hellström, P.M. Glucagon-like peptide-1 analogue LY315902: Effect on intestinal motility and release of insulin and somatostatin. *Regulatory Peptides* 2002. 106:Issues 1-3, 89-95.
81. **Pang, ST., Dillner, K.**, Wu, X., Pousette, A., **Norstedt, G.** and **Flores-Morales, A.** Gene expression profiling of androgen deficiency predicts a pathway of prostate apoptosis that involves genes related to oxidative stress. *Endocrinology* 2002. Dec;143(12):4897-4906.
82. **Dillner, K.**, Kindblom, J., **Flores-Morales, A.**, **Pang, ST.**, Tornell, J., Wennbo, H. and **Norstedt, G.** Molecular characterization of prostate hyperplasia in prolactin-transgenic mice by using cDNA representational difference analysis. *Prostate* 2002. Jul 1;52(2):139-149.
83. **Flores-Morales, A.**, Gullberg, H., Fernandez, L., **Ståhlberg, N.**, Lee, NH., Vennström, B. and **Norstedt, G.** Patterns of liver gene expression governed by TRbeta. *Mol Endocrinol.* 2002. Jun;16(6):1257-1268.
84. Wu, X., Blanck, A., **Norstedt, G.**, Sahlin, L. and **Flores-Morales, A.** Identification of genes with higher expression in human uterine leiomyomas than in the corresponding myometrium. *Mol Hum Reprod* 2002. Mar;8(3):246-254.
85. Holst, S., Uvnäs-Moberg, K. and **Petersson, M.** Postnatal oxytocin treatment and postnatal stroking of rats reduce blood pressure in adulthood. *Autonomic Neurosciences* 2002. 99: 85-90.
86. **Petersson, M.** Oxytocin decreases plasma levels of thyroid-stimulating hormone and thyroid hormones in rats. *Regulatory Peptides* 2002. 108: 83-87.
87. Strömmer, L., Wickbom, M., Wang, F., Herrington, MK., **Östenson, C-G.** and Arnelo U, Permert J: Early impairment of insulin secretion in rats after surgical trauma. *Eur J Endocrinol* 147:825-833, 2002.
87. Storch, MK., Weissert, R., Stefferl, A., Birnbacher, R., Wallström, E.,
88. Dahlman, I., **Östenson, CG.**, Linington, C., Olsson, T., Lassman, H. MHC gene related effects on microglia and macrophages in experimental autoimmune encephalomyelitis determine the extent of axonal injury. *Brain Pathol* 12:287-299, 2002.
89. Murakawa, Y., Zhang, W., Pierson, CR., Brismar, T., **Östenson, C-G.**, **Efendic, S.** and Sima, AAF. Impaired glucose tolerance and insulinopenia in the GK-rat causes peripheral neuropathy. *Diabetes Metab Res Rev* 2002. 18:473-483.

90. Reid, IR., Brown, JP., Burckhardt, P., et al, **Saaf, M.** Samsioe ,G., Verbruggen, L. and Meunier, P. Intravenous zoledronic acid in postmenopausal women with low bone density. *N engl J Med* 2002. 28:346 (9): 653-661.
91. **Höybye, C., Hilding ,A.**, Jacobson, H. and **Thorén, M.** Metabolic profile and body composition in adults with Prader Willi syndrome and severe obesity. *J Clin Endocrinol Metab* 2002. 87: 3590-3597.
92. Ulfarsson, E., Lindquist, C., Roberts, M., Rähn, T., Lindquist, M., **Thorén, M.** and Lippitz, B. Gamma knife radiosurgery for craniopharyngiomas: long term results in the first Swedish patients. *J Neurosurg* 2002. 97 (Suppl 5): 613-622.
93. Guldstrand M., **Grill V., Björklund A.**, Lins P-E, Adamson U. Improved beta cell function and short-term treatment with diazoxide in obese subjects with type 2 diabetes. *Diabetes Metab* 2002. 28 (6), 448-56. saknas
94. Fetissov S, Hallman J, Orelan L, Klinteberg B, **Grenback E, Hulting AL,** and Hokfelt T Autoantibodies against alpha-MSH, ACTH and LHRH in anorexia and bulimia nervosa patients". *PNAS* 2002. 99; 17155-17160. saknas
95. Li, F.Y., **Leibiger, B., Leibiger, I.B.**, Larsson, C. Characterization of a putative murine mitochondrial transporter homology of hMRS3/4. *Mammalian Genome* 2002. 13: 20-23.

96. Portela-Gomes GM, Grimelius L, Henry J, **Efendic S**, Wester K, Abdel-Halim SM. Increased expression of adenylyl cyclase isoforms in the adrenal gland of diabetic Goto-Kakizaki rat. *Applied Immunohistochemistry & Molecular Morphology* 2002. 10:387-392.
97. Halldin, M.U., **Brismar, K.**, Tuvemo, T. and Gustafsson, J. Insulin sensitivity and lipolysis in adolescent girls with poorly controlled type 1 diabetes. Effect of anticholinergic treatment. *Clinical Endocrinology* 2002. 57 (6):735-743.