

1. Bergroth V, Konttinen YT, Johansson E. Langerhans cells in DLE skin: A role in lymphocyte migration and activation in situ. *Scand J Rheumatol* 1985; 14: 411-6.
2. Bergroth V, Konttinen YT, Nordström D, Leirisalo-Repo M. The phenotypes of synovial fluid cells in Reiter's syndrome (Abstract). 7th Eur Immunology Meet 1985; p. 51, Jerusalem.
3. Bergroth V, Konttinen YT, Nykänen P, Essen R von, Koota K. Phenotypic characterization of in vivo proliferating cells in the rheumatoid synovial fluid (Abstract). 7th Eur Immunology Meet 1985; p. 52, Jerusalem.
4. Bergroth V, Konttinen YT, Nykänen P, Essen R von, Koota K. Proliferating cells in the synovial fluid in rheumatic diseases: An analysis with autoradiography-immunoperoxidase double staining. *Scand J Immunol* 1985; 22: 393-8.
5. Bonsdorff M von. Proteinuria in young adults: Results of a 6 year follow-up study (Abstract). *Nord Nyredage* 1985; Trondheim, Norway.
6. Bonsdorff M von. Peritoneaaldialysikatetrin pidentämnen. *SLL/FLT* 1985; 40: 1381.
7. Bonsdorff M von. Peritoneaaldialysishiito - CAPD. *Suom Proviisorilehti* 1985; 4: 123-5.
8. Bonsdorff M von, Sipilä R, Honkanen E, Hortling L, Grönhagen-Riska C, Laasonen L. Renal biopsy guided by ultrasonography (Abstract). *Kidney Int* 1985; 28.
9. Bonsdorff M von, Sipilä R, Honkanen E, Hortling L, Grönhagen-Riska C, Laasonen L. Ultraääniohjattu munuaisbiopsia. *Duodecim* 1985; 101: 1557-61.
10. Bonsdorff M von, Sipilä R, Tallgren LG. Plasmapheresis and immunosuppressive treatment of acute systemic lupus erythematosus (SLE) with proliferative glomerulonephritis. A case study (Abstract). *Int Symp on Therapeutic Plasma Exchange and Selective Separation* 1985; Homburg/Saar, Germany.
11. Bonsdorff M von, Skrifvars B, Pettersson Tom, Friman C. Plasmapheresis in the treatment of rheumatic diseases (Abstract). *Int Symp on Therapeutic Plasma Exchange and Selective Separation* 1985; Homburg/Saar, Germany.
12. Bäck C, Groop P-H, Stenman S, Groop L. Home monitoring of blood and urine glucose in different types of diabetic patients (Abstract). *Acta Endocrinol* 1985; Suppl 263: 16.
13. Eklund B, Salmela K, Hortling L, Bonsdorff M von. The Gore-Tex peritoneal dialysis catheter compared with the Tenckhoff catheter, a prospective study. *Perit Dial Bull* 1985; 5: 90.
14. Ekstrand A, Groop L, Grönhagen-Riska C, Salmela K, Kuhlback B, Ahonen J. Outcome of kidney transplantation in patients with diabetic nephropathy (Abstract). *Acta Endocrinol* 1985; Suppl 263.
15. Fogström B-M, Ekstrand A, Groop P-H, Groop L. Symptoms at diagnosis of type 2 diabetes (Abstract). *Acta Endocrinol* 1985; Suppl 263: 30.
16. Forslund T, Tikkanen T, Grönhagen-Riska C, Fyhrquist F. Captoprilbehandling i kombinasjon med beta-adrenerg blokkerer og diuretikum ved behandling av resistent hypertensjon (Abstract). *Nord Nyredage* 1985; Trondheim, Norway.
17. Forslund T, Welin M-G, Laasonen L, Weber TH, Edgren J. Peripheral blood lymphocyte subsets in radiologists exposed to ionizing radiation. *Acta Radiol Oncol* 1985; 24: 414-7.
18. Friman C, Davis P, Wong K, Johnston C, Starkebaum G. Influence of Felty's (FS) plasma on neutrophil (PMN) superoxide (O₂⁻) production. *XVth Int Congr Rheumatology* 1985; Sydney, Australia.
19. Friman C, Schlaut J, Davis P. HLA-DR4 in Felty's syndrome (Letter). *J Rheumatol* 1985; 12: 629.
20. Fyhrquist F, Grönhagen-Riska C, Tikkanen I, Hortling L. Endocrine aspects of treatment with ACE inhibitors in congestive heart failure. *Symp on Endocrinology of Heart Failure* 1985; Stockholm.
21. Fyhrquist F, Grönhagen-Riska C, Tikkanen I, Hortling L. Renin-angiotensin system and serum drug concentration in patients treated with lisinopril for renovascular hypertension. *Nord Nyredage* 1985; Trondheim, Norway.
22. Fyhrquist F, Grönhagen-Riska C, Tikkanen I, Hortling L. Evidence that renin substrate (angiotensinogen) may be a precursor of erythropoietin. *Scand J Urol Nephrol* 1985; Suppl 90: 41-4.
23. Fyhrquist F, Tikkanen I. Atrial natriuretic peptide in clinical disease (Abstract). *Work-shop on Atrial Natriuretic Factor: Potential Use in Human Disease* 1985; Venice, Italy.
24. Fyhrquist F, Tikkanen I. Antidiuretic hormone and atrial natriuretic peptide in congestive heart failure (Abstract). *Symp on Endocrinology of Heart Failure* 1985; Stockholm.
25. Fyhrquist F, Tikkanen I, Leidenius R, Metsärinne K. Atrial natriuretic factor in humans; Effect of infusion and plasma concentrations measured by radioimmunoassay (Abstract). *XVth Acta Endocrinologica Congress* 1985; helsinki.
26. Fyhrquist F, Tötterman KJ, Tikkanen I. Infusion of atrial natriuretic peptide in liver cirrhosis with ascites (Letter). *Lancet* 1985; II: 1439.
27. Gripenberg M, Helve T, Kurki P. Profiles of antibodies to histones, DNA and IgG in patients with systemic rheumatic diseases determined by ELISA. *J Rheumatol* 1985; 12: 934-9.
28. Gripenberg M, Kurki P, Partanen P, Helve T. An immunoenzymatic screening test for connective tissue diseases (Abstract). *XVth Int Congr Rheumatology* 1985; Sydney, Australia.
29. Gripenberg M, Leirisalo M, Johansson E, Gripenberg G. Assessment of class-specific antibodies against denatured DNA in patients with systemic lupus erythematosus. *J Clin Immunol* 1985; 5: 314-20.
30. Groop L, Bonsdorff M von. Intraperitoneal insulin administration does not promote insulin antibody production in insulin-dependent diabetes mellitus (IDDM) patients on dialysis. *Diabetic Nephropathy* 1985; 4: 80-2.
31. Groop L, Faber OK. Att tolka glukagonstimulerade C-peptidvärden (Diskussionsinlägg) *SLL/FLT* 1985; 40: 2253.
32. Groop L, Harno K, Nikkilä E, Pelkonen R, Tolppanen E-M. Transient effect of the combination of insulin and sulfonylurea (glibenclamide) on glycaemic control in non-insulin dependent diabetics poorly controlled with insulin alone. *Acta Med Scand* 1985; 217: 33-9.
33. Groop L, Luzi L, Melander A, DeFronzo RA. Different insulinotropic effects of glibenclamide and glipizide. *Acta Endocrinol* 1985; Suppl 263: 36.
34. Groop L, Wählin-Boll E, Groop P-H, Tötterman KJ, Melander A, Tolppanen E-M, Fyhrquist F. Pharmacokinetics and metabolic effects of glibenclamide and glipizide in type 2 diabetics. *Eur J Clin Pharmacol* 1985; 28: 697-704.
35. Groop P-H, Fyhrquist F, Groop L. Effects of serial test meals on plasma immunoreactive GIP in non-insulin dependent diabetic patients and in non-diabetic controls. *Scand J Clin Lab Invest* 1985; 45: 115-22.
36. Groop P-H, Stenman S, Tötterman KJ, Bäck C, Melander A, Wählin-Boll E, Groop L. Long term metabolic effects of glibenclamide and glipizide in the treatment of type 2 diabetes (Abstract). *Acta Endocrinol* 1985; Suppl 137.
37. Grönhagen-Riska C. Effects of ACE inhibition on renal regulation of salt and water (Abstract). *Symp on the Endocrinology of Cardiac Failure* 1985; Stockholm.
38. Grönhagen-Riska C, Fyhrquist F, Välimäki M, Lamberg B-A. Thyroid hormones affect serum angiotensin-converting enzyme levels. *Acta Med Scand* 1985; 217: 259-64.
39. Grönhagen-Riska C, Willebrand E von, Fyhrquist F. Expression of angiotensin converting enzyme by monocytic cell lines (Abstract). *XVth Acta Endocrinologica Congress Helsinki* 1985.
40. Grönhagen-Riska C, Willebrand E von, Laasonen L, Pettersson E, Törnroth T. Fine needle aspiration biopsy (FNAB) in renal disease (Abstract). *XIth Congr of the EDTA-ERA, Bruxelles* 1985.
41. Grönhagen-Riska C, Willebrand E von, Tikkanen I, Miettinen A, Törnroth T. Fine needle aspiration biopsy at various stages of induction of Heymann nephritis. *Scand J Urol Nephrol* 1985; Suppl 90: 35-40.
42. Haajanen J, Saarinen O, Kuhlback B, Laasonen L, Edgren J, Slätis P. Aseptic necrosis of the femoral head following renal transplantation. *Scand J Urol Nephrol* 1985; 19: 221-6.
43. Honkanen E, Bonsdorff M von, Orko R. Long term single needle dialysis using subclavian venous catheter (Abstract). *Kidney Int* 1985; 28: 336.
44. Honkanen E, Törnroth T, Pettersson E, Kuhlback B. Renal allograft glomerulonephritis. *Scand J Urol Nephrol* 1985; Suppl 90: 29-34.
45. Hortling L, Bonsdorff M von, Honkanen E, Kala A-R. Piperacillin in the treatment of peritonitis in CAPD patients (Abstract). *Nord Nyredage* 1985; Trondheim, Norway.
46. Hortling L, Bonsdorff M von, Kala A-R. Improved bacterial diagnosis in CAPD patients with peritonitis. *Nord CAPD Symp* 1985; Skövde, Sweden.
47. Hortling L, Klockars M, Kuhlback B. Prognosis of renal transplantation in diabetics. *COINTRA 15ème Conf Internat* 1985; II: 119-128.
48. Hortling L, Puutula-Räsänen L, Fyhrquist F. Comparison of C-terminal and N-terminal PTH in secondary hyperparathyroidism due to renal insufficiency. *Scand J Urol Nephrol* 1985; Suppl 90: 51-4.
49. Klockars M, Kuhlback B. Munuaisensirto-

- potilaan raskaus. *Munuainen/Njuren* 1985; 14 (2): 5-6.
50. Klockars M, Pettersson Tom. Lysozyme concentrations in synovial fluid, pleural fluid and thoracic duct lymph in rheumatoid arthritis. *Scand J Rheumatol* 1985; 14: 69-75.
 51. Klockars M, Pettersson Tom, Selroos O, Weber TH. Activity of serum adenosine deaminase in sarcoidosis. *Clin Chem* 1985; 31: 155.
 52. Klockars M, Weber TH, Tabber P, Hellström P-E, Pettersson Tom. Pleural fluid ferritin concentrations in human disease. *J Clin Pathol* 1985; 38: 818-24.
 53. Kontinen YT, Bergroth V, Nordström D, Koota K, Skrifvars B, Hagman G, Friman C, Hämäläinen M, Slätis P. Cellular immunohistopathology of acute, subacute and chronic synovitis in rheumatoid arthritis. *Ann Rheum Dis* 1985; 44: 549-55.
 54. Kontinen YT, Bergroth V, Nykänen P. Lymphocyte activation in rheumatoid arthritis synovial fluid in vivo (Abstract). 7th Eur Immunology Meet 1985; p. 71, Jerusalem.
 55. Kontinen YT, Bergroth V, Nykänen P. Lymphocyte activation in rheumatoid arthritis synovial fluid in vivo. *Scand J Immunol* 1985; 22: 503-7.
 56. Kontinen YT, Bluestein HG, Zvaifler NJ. Cytotoxic control of EBV induced B cell growth (Abstract). 7th Eur Immunology Meet 1985; p. 39, Jerusalem.
 57. Kontinen YT, Bluestein HG, Zvaifler NJ. Defective cytotoxic control of EBV induced B cell growth in rheumatoid arthritis (Abstract). 7th Eur Immunology Meet 1985; p. 125, Jerusalem.
 58. Kontinen YT, Bluestein HG, Zvaifler NJ. Regulation of the growth of Epstein-Barr virus infected B cells (Abstract). 7th Eur Immunology Meet 1985; p. 118, Jerusalem.
 59. Kontinen YT, Bluestein HG, Zvaifler NJ. Regulation of the growth of Epstein-Barr virus infected B cells. I. Growth regression by E-rosetting cells from VCA-positive donors is a combined effect of autologous mixed leukocyte reaction and activation of T8 memory cells. *J Immunol* 1985; 134: 2287-95.
 60. Kostiala AAI, Gripenberg M, Elonen E, Gripenberg G, Kostiala I. Follow-up of antibodies against single-stranded DNA in patients with haematological malignancies. *Clin Exp Immunol* 1985; 61: 15-23.
 61. Kuhlback B. Munuaishoidon järjestely maassamme. *Sairaala* 1985; 4: 122-4.
 62. Kuhlback B. Dialyysihoido. Kirjassa: Lääketieteen ovet. 1985; pp. 32-5, Recallmed, Helsinki.
 63. Kuhlback B. Munuaissäätöön ensimmäinen vuosikymmen. *Munuainen/Njuren* 1985; 14(1): 6-9.
 64. Kuhlback B, Ahonen J. Njurtransplantation. *Fin Läkaresällsk Handl* 1985; 145: 175-83.
 65. Kyllästinen M, Groop L. Combination of insulin and glibenclamide in the treatment of elderly (type 2) diabetic patients. *Ann Clin Res* 1985; 17: 100-4.
 66. Laasonen L, Edgren J, Forslund T, Eklund B. Renal transplant artery stenosis and percutaneous transluminal angioplasty. *Acta Radiol Diagn [Stockh]* 1985; 26: 609-13.
 67. Laasonen L, Lamminen A, Edgren J. Munuaissiirteettien ultraäänitutkimus. *Duodecim* 1985; 101: 986-95.
 68. Laitinen L, Miettinen A, Tikkanen T, Törnroth T, Nordling S. Glomerular sialic acid in Heymann nephritis and diacetyl-benzidine induced nephropathy in rats. *Clin Sci* 1985; 69: 57-62.
 69. Lamminen A, Pettersson Tom, Laasonen L, Kuhlback B, Edgren J. Radiological progression of rheumatoid arthritis in renal transplant recipients. *Ann Rheum Dis* 1985; 44: 159-62.
 70. Lehtihalme M, Aulanko R, Bonsdorff M von. Speech and language disorders in a dialysis encephalopathy patient and the effect of desferrioxamine and reverse-osmosis water treatment. *Publ de l'association Française de linguistique appliquee (AFinLA)* 1985; 42: 69-81.
 71. Lepäntalo MJA, Tötterman KJ. Lower limb haemodynamics during antihypertensive treatment with metoprolol and propranolol. *Int Angiol* 1985; 4: 225-8.
 72. Lindholm H, Bonsdorff M von, Koskenvuo K. Exercise-induced proteinuria and haematuria among healthy Finnish men - preliminary results (Abstract). *Nord Nyredage* 1985; Trondheim, Norway.
 73. Miettinen A, Groop L, Koskimies S, Bottazzo GF. Islet cell antibody determination in patients with non-insulin dependent diabetes mellitus (Abstract). *Int Worksh on Islet Cell Antibodies* 1985; Athens.
 74. Nieminen MN, Linkola J, Fyhrquist F, Tikkanen I, Forslund T. Renin-aldosterone axis in ethanol intoxication: Effect of A II infusion. *Int J Clin Pharmacol Ther Toxicol* 1985; 23: 137-40.
 75. Nordström D, Kontinen YT, Bergroth V, Leirisalo-Repo M. Synovial fluid cells in Reiter's syndrome. *Ann Rheum Dis* 1985; 44: 852-6.
 76. Oksanen V, Fyhrquist F, Grönhaagen-Riska C, Somer H. CSF angiotensin-converting enzyme in neurosarcoidosis (Letter). *Lancet* 1985; 1: 1050-1.
 77. Oksanen V, Fyhrquist F, Somer H, Grönhaagen-Riska C. Angiotensin converting enzyme in CSF in neurosarcoidosis (Abstract). *Neurology* 1985; 35 (Suppl 1): 350.
 78. Oksanen V, Fyhrquist F, Somer H, Grönhaagen-Riska C. Angiotensin-converting enzyme in cerebrospinal fluid: A new assay. *Neurology* 1985; 35: 1220-23.
 79. Oksanen V, Grönhaagen-Riska C, Fyhrquist F, Somer H. Systemic manifestations and enzyme studies in sarcoidosis with neurologic involvement. *Acta Med Scand* 1985; 218: 123-7.
 80. Pettersson E, Bonsdorff M von, Törnroth T, Lindholm H. Varusmiesikäisten nefriitit. *Duodecim* 1985; 101: 2413-9.
 81. Pettersson E, Willebrand E von, Honkanen E. Immunological mechanisms in glomerulonephritis. *Scand J Urol Nephrol* 1985; 19, Suppl 90: 23-7.
 82. Pettersson Tom. Cellular immunity. In: Chrétien J, Bignon J, Hirsch A, editors. *The Pleura in Health and Disease*, Marcel Dekker, New York, NY 1985; vol. XXX: 329-35.
 83. Pettersson Tom. Pleuranesteen uudet laboratoriotutkimukset. *Kliin Lab* 1985; 1: 12-4.
 84. Pettersson Tom, Klockars M, Riska H, Hellström P-E. Case 22-1985: An 88-year old man with a pleural effusion. *N Engl J Med* 1985; 313: 1089-90.
 85. Pettersson Tom, Ojala K, Weber TH. Diagnostic significance of pleural fluid lactate concentrations. *Infection* 1985; 13: 257-9.
 86. Rosenlöf K, Fyhrquist F, Grönhaagen-Riska C, Böhling T, Haltia M. Erythropoietin and renin substrate in cerebellar haemangioblastoma. *Acta Med Scand* 1985; 218: 481-5.
 87. Rosenlöf K, Fyhrquist F, Hortling L, Grönhaagen-Riska C. Radioimmunoassay of haemoglobin F in erythroid cells following induction with renin substrate and erythropoietin. *Scand J Clin Lab Invest* 1985; 45: 373-8.
 88. Sarvas H, Gripenberg M, Leirisalo-Repo M. Anti-DNA antibodies: The choice of assays for routine diagnostic work. *Acta Pathol Microbiol Scand [C]* 1985; 93: 13-8.
 89. Sarvas H, Gripenberg M, Mäkelä O. IgG subclass distribution of ssDNA binding antibodies in SLE sera (Abstract). 7th Eur Immunol Meet 1985; 128, Jerusalem.
 90. Scheinin T, Groop L, Teir H, Koskimies S, Kontiainen S. HLA types and insulin responses in insulin dependent diabetics with or without proliferative retinopathy. *J Clin Immunol* 1985; 18: 17-20.
 91. Sipilä R, Kronqvist K, Kuhlback B. Munuaisselnuovuttaja kymmen vuoden kuluttua. *Munuainen/Njuren* 1985; 14 (1): 5-6.
 92. Stenman S, Groop P-H, Groop L, Tötterman KJ, Bäcks C, Fyhrquist F. The combination of insulin and glibenclamide in the treatment of secondary failure to oral hypoglycemic agents (Abstract). *Acta Endocrinol* 1985; Suppl 263: 34.
 93. Teppo A-M, Groop L. Urinary excretion of kappa light chains: A marker for early diabetic nephropathy? (Abstract). *Diabetes* 1985; 34, Suppl 1: 430.
 94. Teppo A-M, Groop L. Urinary excretion of plasma proteins in diabetics with and without proliferative retinopathy: Increased excretion of kappa light chains. *Diabetes* 1985; 34: 589-94.
 95. Tikkanen I. Alkoholihypertensio. *Duodecim* 1985; 101: 2158-60.
 96. Tikkanen I, Fyhrquist F. Sydämen natriureettinen peptidi - uusi hormoni? *Duodecim* 1985; 101: 1527-9.
 97. Tikkanen I, Fyhrquist F, Metsärinne K, Leidenius R. Plasma arterial natriuretic peptide in cardiac disease and during infusion in healthy volunteers. *Lancet* 1985; 11: 66-9.
 98. Tikkanen I, Metsärinne K, Fyhrquist F. Atrial natriuretic peptide in paroxysmal supraventricular tachycardia. *Lancet* 1985; 11: 40-1.
 99. Tikkanen I, Miettinen A, Törnroth T, Fyhrquist F. Hypertension and progression of experimental nephritis. Interaction between immunological and haemodynamic factors. *Scand J Urol Nephrol* 1985; Suppl 90: 45-50.
 100. Tötterman KJ. Systolinen verenpainetauti hoito-ongelmana. Kirjassa: Kala R, toim. *Kardiovaskulaarisia karikkoja VI*, Espoo, ICI-Pharma 1985, pp. 80-7.
 101. Wegelius O, Friman C. Reumatologi. *Fin Läkaresällsk Handl* 1985; 145: 185-92.
- 1986**
1. Bergroth V, Kontinen YT. Hur uppkommer reaktiv artrit? *Fin Läkaresällsk Handl* 1986; 130: 237-41.
 2. Bergroth V, Kontinen YT, Nordström D. Lymphocytic activation in tuberculous pleurisy (Abstract). *Scand J Immunol* 1986; 24: 458.
 3. Bergroth V, Kontinen YT, Segerberg-Konttinen M, Ollikainen V, Salaspuro M. Phenotypic characterization and degree of activation of inflammatory cells in mild alcoholic liver disease. *Acta Pathol Microbiol Scand Sect [A]* 1986; 94: 337-41.
 4. Bonadonna R, Groop L, Ratheiser K, DeFronzo RA. Role of lipid oxidation and plasma FFA turnover in impaired glucose

- disposal of human obesity. *Diabetologia* 1986; 29: 520.
5. Bäckes C, Groop L, Ylinen K, Teramo K, Tolppanen E-M, Tallgren L. The clinical value of glycohemoglobin determinations in diabetic patients with nephropathy. *Clin Nephrol* 1986; 25: 186-92.
 6. Dickstein K, Aarsland T, Woie L, Abrahamson AM, Fyhrquist F, Cummings S, Gomez H, Kristianson K. Acute hemodynamic and hormonal effects of lisinopril (MK-521) in congestive heart failure. *Am Heart J* 1986; 112: 121-9.
 7. Edgren J, Laasonen L. Radiologisk diagnos av reumatoid artrit. *Fin Läkaresällsk Handl* 1986; 130: 284-88.
 8. Edgren J, Laasonen L, Groop P-H, Groop L. Comparison of iohexol and metrizoate in urography of insulin-dependent diabetic patients. *Acta Radiol Diagn [Stockh]* 1986; 27: 265-7.
 9. Edgren J, Laasonen L, Groop P-H, Groop L. Papillnekros vid diabetes mellitus. 44 Nord Kongr för Medicinsk Radiologi 1986; Kuopio, Finland.
 10. Ekstrand A, Grönhagen-Riska C, Groop L, Salmela K, Kuhlback B, Ahonen J. Results of kidney transplantation in patients with diabetic nephropathy (Abstract). XIth Int Congr of the Transplantation Society, Helsinki 1986.
 11. Elovaara I, Maury CPJ, Palo J. Serum amyloid A protein, albumin and prealbumin in Alzheimer's disease and in demented patients with Down's syndrome. *Acta Neurol Scand* 1986; 74: 245-50.
 12. Eriksson L, Kokkonen UM, Fyhrquist F, Tikkanen I. Release of atrial natriuretic peptide after intravenous infusion of isotonic and hypertonic NaCl in conscious goats (Abstract). XXXth Congr of Int Union of Physiol Sciences 1986; Vancouver, Canada.
 13. Franzén P, Friman C, Pettersson Tom, Fyhrquist F, Ruutu T. Combined pure red cell aplasia and primary autoimmune hypothyroidism in SLE (Abstract). XXIIth Scand Congr Rheumatology 1986; Copenhagen.
 14. Friman C. Pharmacotherapy of osteoarthritis (Abstract). XXIth Scand Congr Rheumatology 1986; Copenhagen.
 15. Friman C, Eronen I, Videman T. Effects of treadmill running on plasma glycosaminoglycans in adult rabbits. *Int J Sports Med* 1986; 7: 330-2.
 16. Friman C, Johnston C, Chew C, Davis P. Effect of diclofenac sodium, tolfenamic acid and indomethacin on the production of superoxide induced by N-formyl-methionyl-leucyl-phenylalanine in normal human polymorphonuclear leukocytes. *Scand J Rheumatol* 1986; 15: 41-6.
 17. Friman C, Nordström D, Eronen I. Plasma glycosaminoglycans in systemic lupus erythematosus and rheumatoid arthritis (Abstract). 4th Int Sem Treatm of Rheumatic Diseases 1986; Israel.
 18. Fyhrquist F. Angiotensinikonvertaasin estäjien klininen käyttö. *Duodecim* 1986; 102: 1709-16.
 19. Fyhrquist F. Clinical pharmacology of the ACE inhibitors. *Drugs* 1986; 32, Suppl 5: 35-9.
 20. Fyhrquist F, Grönhagen-Riska C, Tikkanen I, Junggren I-L. Monoterapi med en långverkande ACE-inhibitor vid behandling av renovaskulär hypertension med uni- eller bilateral artärstenos (Abstract). 13th Nord Hypertension Meet 1986; Oslo.
 21. Fyhrquist F, Rosenlöf K, Grönhagen-Riska C, Räsänen V. Renin substrate (angiotensinogen) as a possible erythropoietin precursor. *Contrib Nephrol* 1986; 50: 167-74.
 22. Fyhrquist F, Tikkanen I. Antidiuretic hormone and atrial natriuretic peptide in congestive heart failure. *Acta Med Scand* 1986; Suppl 707: 55-8.
 23. Fyhrquist F, Tötterman KJ, Tikkanen I. Exercise related release of atrial natriuretic peptide in healthy subjects (Abstract). 1st World Congr on Biologically Active Atrial peptides 1986; New York, NY.
 24. Gripenberg M, Gripenberg G. Studies of the synthetic rate of anti-ssDNA antibodies in SLE patients treated with plasmapheresis (Abstract). XVIIth Meet Scand Soc for Immunology 1986; p. 47, Tampere, Finland.
 25. Gripenberg M, Helve T. Anti-DNA antibodies of IgA class in patients with systemic lupus erythematosus. *Rheumatol Int* 1986; 6: 53-5.
 26. Gripenberg M, Kurki P. Demonstration of human autoantibodies by quantitative enzyme immunoassays. *J Immunol Methods* 1986; 92: 145-59.
 27. Gripenberg M, Teppo AM. Klinisk-immunologisk laboratoriediagnostik av reumatologiska sjukdomar. *Fin Läkaresällsk Handl* 1986; 130: 248-53.
 28. Gripenberg M, Teppo AM, Kurki P, Helve T. Anti-polynucleotide antibody activity of cryoglobulins in SLE (Abstract). 6th Int Congr of Immunology 1986; p. 393, Toronto, Canada.
 29. Groop L, Bonadonna R, Ratheiser K, Zyck K. Suppression of FFA turnover and FFA oxidation by insulin is impaired in NIDDM. *Diabetes* 1986; 35, Suppl 1: 155.
 30. Groop L, Bottazzo GF, Doniach D. Islet cell antibodies identify latent type 1 diabetes in patients aged 35-75 years at diagnosis. *Diabetes* 1986; 35: 237-41.
 31. Groop L, Koskimies S, Groop P-H. Relationship between beta-cell function and HLA-antigens in patients with Type 2 diabetes. *Diabetologia* 1986; 29: 757-60.
 32. Groop L, Pelkonen R, Koskimies S, Bottazzo GF, Doniach D. Secondary failure to treatment with oral antidiabetic agents in non-insulin dependent diabetes. *Diabetes Care* 1986; 9: 129-133.
 33. Groop L, Teir H, Koskimies S, Groop P-H, Matikainen E, Verkkala E, Scheinin T, Kontiainen S, Tolppanen E-M, Tallgren L. Risk factors and markers associated with proliferative retinopathy in patients with insulin-dependent diabetes mellitus. *Diabetes* 1986; 35: 1397-403.
 34. Groop P-H, Groop L, Stenman S, Melander A, Saloranta C, Tötterman KJ, Fyhrquist F. Differences in long-term metabolic effect of glibenclamide and glipizide in patients with type 2 diabetes. *Acta Endocrinol* 1986; 112, Suppl 275: 44.
 35. Groop P-H, Groop L, Tötterman KJ, Ekstrand A, Melander A. Rate of increase in serum insulin concentrations determines the effect of glipizide on an oral glucose load. *Acta Endocrinol* 1986; 112, Suppl 275: 28.
 36. Groop P-H, Groop L, Tötterman KJ, Fyhrquist F. Relationship between changes in GIP concentrations and changes in insulin and C-peptide concentrations after guar gum therapy. *Scand J Clin Lab Invest* 1986; 46: 505-10.
 37. Groop P-H, Groop L, Tötterman KJ, Fyhrquist F. The relationship between changes in GIP and insulin responses to meals in normal subjects. *Acta Endocrinol* 1986; 112: 361-6.
 38. Groop P-H, Stenman S, Tötterman KJ, Fyhrquist F. Combination of insulin and glibenclamide in the treatment of secondary drug failure in NIDDM. *Diabetes* 1986; 35, Suppl 1: 260.
 39. Grönhagen-Riska C. Effects of ACE inhibition on renal regulation of salt and water. *Acta Med Scand* 1986; Suppl 707: 95-9.
 40. Grönhagen-Riska C, Fyhrquist F, Tikkanen I. Single therapy with a long-acting ACE inhibitor in uni- and bilateral renovascular hypertension (RVHT) (Abstract). XXIIIrd Congr of the EDTA-ERA 1986; Budapest.
 41. Grönhagen-Riska C, Fyhrquist F, Willebrand E von. Angiotensin I-converting enzyme (ACE) - a marker of highly differentiated monocytic cells. *Ann NY Acad Sci* 1986; 465: 242-9.
 42. Grönhagen-Riska C, Riska H. Tuberculosis and renal transplantation. An analysis of all Finnish transplantations 1964-1984 (Abstract). XXVth IUAT World Conf on Tuberculosis and Respiratory Diseases.
 43. Grönhagen-Riska C, Tikkanen I, Fyhrquist F. Competitive inhibitor binding assay (CIBA) of ACE inhibitors (Abstract). 13th Nord Hypertension Meet 1986; Oslo.
 44. Hallikainen D. Panoraamazonografia ja konventionaaliset tutkimusmenetelmät. *Lääketiede/Medicin* 86, 1986.
 45. Hallikainen D, Hekali P, Korhola O, Ketonen J, Kivisaari A, Porkka L. Infektiösa förändringar utvärderade med lågfälts-MRI (OOT) (Abstract). 44 Nord Kongr för Medicinsk Radiologi 1986; Kuopio, Finland.
 46. Honkanen E. Akuutit sisätautiongelmat. Kirjassa: Päivystäjän käsikirja. Hyvinkää, 1986.
 47. Honkanen E. Bikarbonaattidialyysi (Abstract). *Lääketiede/Medicin* 86 1986; 41-2.
 48. Honkanen E. Survival in idiopathic membranous glomerulonephritis. *Clin Nephrol* 1986; 122-8.
 49. Hynynen M, Lehtinen AM, Salmenperä M, Fyhrquist F, Takkunen O, Heinonen J. Continuous infusion of fentanyl or alfentanil for coronary artery surgery. *Br J Anaesth* 1986; 58: 1260-6.
 50. Hynynen M, Tikkanen I, Salmenperä M, Heinonen J, Fyhrquist F. Atrial natriuretic peptide concentration in human plasma; Effects of induction of anaesthesia and volume loading (Abstract). *Int Symp on Anaesthesia for Cardiac Patients* 1986; Munich, Germany.
 51. Höckerstedt K, Lautenschlager I, Scheinin T, Ahonen J, Eklund B, Häyry P, Kauste A, Korsbäck C, Maury P, Orko R, Salaspuro M, Salmela K, Scheinin B. Den första lyckade levertransplantationen i Finland. *Fin Läkaresällsk Handl* 1986; 130: 117-20.
 52. Höckerstedt K, Lautenschlager I, Scheinin T, Ahonen J, Eklund B, Häyry P, Korsbäck C, Salmela K, Maury CPJ. Diagnosis of rejection in liver transplantation. XIth Int Congr of the Transplantation Society 1986; Helsinki.
 53. Immonen I, Friberg K, Grönhagen-Riska C, Willebrand E von, Fyhrquist F. Angiotensin-converting enzyme and chalazion granuloma of the conjunctiva. *Acta Ophthalmol* 1986; 130: 261-72.
 54. Kontinen YT. Psoriasisartrit. *Fin Läkaresällsk Handl* 1986; 130: 261-72.

55. Konttinen YT, Bergroth V, Kunnamo I, Haapasaari J. The value of biopsy in patients with monarticular juvenile rheumatoid arthritis of recent onset. *Orthopedics/Rheumatology Digest* 1986; 8: 15-6.
56. Konttinen YT, Bergroth V, Kunnamo I, Haapasaari J. The value of biopsy in patients with monarticular juvenile rheumatoid arthritis of recent onset. *Arthritis Rheum* 1986; 29: 47-53.
57. Konttinen YT, Bergroth V, Nordström D, Kunnamo I, Haapasaari J. Lymphocyte subpopulations and activation phenotypes in synovial effusion of patients with juvenile rheumatoid arthritis. *Scand J Rheumatol* 1986; Suppl 59: 31.
58. Konttinen YT, Bergroth V, Nordström D, Segerberg-Konttinen M, Tolvanen E. Expression of MHC class II antigen, interleukin-2 receptor, transferrin receptor and gp 40/80 glycoprotein during different phases of a normal PHA driven lymphocyte activation in vitro. *Acta Pathol Microbiol Scand Sect [C]* 1986; 94: 1861.
59. Konttinen YT, Bergroth V, Segerberg-Konttinen M, Nordström D, Santavirta S. Aktivoituneiden T lymfositien immunomodulatorinen T4/T8 suhde reumatoidin nivelneestessä. *Suomen Ortopedia ja Traumatologia* 1986; 9: 113-6.
60. Konttinen YT, Bluestein HG, Zvaifler NJ. Regulation of the growth of Epstein-Barr virus infected B cells: Temporal profile of the in vitro development of three distinct cytotoxic cells. *Cellular Immunol* 1986; 103: 84-95.
61. Konttinen YT, Bluestein HG, Zvaifler NJ. A defective control of EBV transformed, immortalized B cells by cytotoxic cells in rheumatoid arthritis. IVth Int Seminar on the Treatment of Rheumatic Diseases 1986; Jerusalem.
62. Konttinen YT, Kinnunen E, Bonsdorff M von, Lillqvist P, Immonen I, Bergroth V, Segerberg-Konttinen M, Friman C. Acute transverse myelopathy in a patient with primary Sjögren's syndrome successfully treated with plasmapheresis and prednisone. *Scand J Rheumatol* 1986; Suppl 59: 83.
63. Konttinen YT, Michelsson J-E, Bergroth V, Tolvanen E. Inflammatory mononuclear cells in rabbit knee following immobilization. *Scand J Rheumatol* 1986; Suppl 59: 21.
64. Konttinen YT, Nordström D, Bergroth V, Leirisalo-Repo M, Skrifvars B. Cell-mediated immune response in the diseased joints in patients with reactive arthritis. *Scand J Immunol* 1986; 23: 685-91.
65. Konttinen YT, Nordström D, Tolvanen E, Bergroth V. Cell-mediated immunity in reactive arthritis. *Ter Arkh* 1986; 58: 22-4.
66. Konttinen YT, Segerberg-Konttinen M, Bergroth V, Malmström M. Pathogenesis of Sjögren's syndrome. *Scand J Rheumatol* 1986; Suppl 61: 61-6.
67. Koskinen H, Nordman H, Grönhagen-Riska C, Fröseth B. Sensitivity and specificity of serum angiotensin-converting enzyme in silicosis (Abstract). 3d Int Conf on Environmental Lung Disease 1986; Montreal, Canada.
68. Krusius T, Viitala J, Palo J, Maury CPJ. Enrichment of high mannose-type glycans in nervous tissue glycoproteins in neuronal ceroid-lipofuscinosis. *J Neurol Sci* 1986; 72: 1-10.
69. Kuhlback B. Munuaisen kroonisen vajaatoiminnan konservatiivinen hoito. *Lääkeuutiset* 1986; 3: 170-3.
70. Kuhlback B, Nils Alwall 1904-1986. *Munuainen/Njuren* 1986; 11.
71. Kurki P, Helve T, Dahl D, Virtanen J. Neurofilament antibodies in systemic lupus erythematosus. *J Rheumatol* 1986; 13: 69-73.
72. Kyllästinen M, Groop L. Treatment of elderly non-insulin dependent diabetic patients with insulin and sulfonylurea combination. 8th Scand Congr of Gerontology 1986; 197-9.
73. Laasonen L. Munuaistautien ultraäänidiagnostiikka. *Munuainen/Njuren* 1986; 4: 8-10.
74. Lauharanta J, Laasonen L, Kaappa E, Kanerva L. X-ray analysis of the vertebral spine during long-term etretinate therapy. 24 Nord Dermatologkongr 1986; Uppsala, Sweden.
75. Leirisalo-Repo M, Repo H, Gripenberg M, Koskimies S, Kontiainen S, Laitinen O. Yersinia arthritis, immune functions and HLA-antigens. 6th Int Congr of Immunology 1986; p. 393, Toronto, Canada.
76. Lindqvist C, Santavirta S, Sandelin J, Konttinen YT. Swallowing impairment and micrognathia in a patient with juvenile rheumatoid arthritis. *Clin Rheumatol* 1986; 3: 410-5.
77. Malmström M, Tuominen S, Sane J, Konttinen YT. Treatment of xerostomia due to Sjögren's syndrome (Abstract). 1st Int Sem on Sjögren's syndrome 1986; p. 107, Copenhagen.
78. Maury CPJ. Akut fasproteiin. *Fin Läkarsällsk Handl* 1986; 130: 82-7.
79. Maury CPJ. Clinical usefulness of serum amyloid A and C-reactive protein measurements in inflammatory disorders: A comparative study. In: Bienvenu J, Grimaud JA, Laurent P, Gruyter W de, editors. *Marker Proteins in Inflammation*. Berlin & New York 1986; 3: 152-6.
80. Maury CPJ. Interleukin 1 and the pathogenesis of inflammatory diseases. *Acta Med Scand* 1986; 220: 291-4.
81. Maury CPJ. Sekundär amyloidosis. *Fin Läkarsällsk Handl* 1986; 130: 296-301.
82. Maury CPJ. Serum amyloid A protein as an inflammatory marker: Clinical aspects (Abstract). In: Peeters H, editor. *Protides of the Biological Fluids*. Pergamon Press, Oxford 1986; 34: 343-5.
83. Maury CPJ. Serum amyloid A protein as an inflammatory marker: Clinical aspects (Abstract) (By invitation). XXXIVth Coll on the Protides of the Biol Fluids, 1986; Brussels.
84. Maury CPJ. Tumour necrosis factor. An overview. *Acta Med Scand* 1986; 220: 387-94.
85. Maury CPJ, Junge W, Teppo A-M. Decreased esterase activity in serum of patients with reactive systemic (AA) amyloidosis. In: Glenner GG, Osserman EF, Benditt EP, Calkins E, Cohen AS, Zucker-Franklin D, editors. *Amyloidosis* 1986; pp. 267-72, Plenum, New York.
86. Maury CPJ, Teppo A-M, Ahonen J. Post-transplantation monitoring of high-density lipoprotein-associated serum amyloid A protein: A new diagnostic aid in the detection of renal allograft rejection. *Uraemia Investigation* 1986; 9: 277-89.
87. Maury CPJ, Teppo A-M, Ahonen J, Willebrand E von. Evaluation of serum amyloid A protein (SAA) as a marker of allograft rejection in patients with initially nonfunctioning renal transplants. *Transplant Proc* 1986; 18: 86-7.
88. Maury CPJ, Teppo A-M, Vuoristo M, Turunen U, Virtanen I. Autoantibodies to gliadin-binding 90 kD glycoprotein in coeliac disease. *Gut* 1986; 27: 147-52.
89. Nikkilä M, Fyhrquist F, Grönhagen-Riska C, Pasternack A, Äärnynen M. Enalapril in the treatment of therapy resistant hypertension (Abstract). 11th Sci Meet Int Soc of Hypertension, Symp on ACE Inhibition, 1986; Heidelberg, Germany.
90. Nordström D, Konttinen YT, Bergroth V, Segerberg-Konttinen M. The total and activated T4/T8 ratio in rheumatoid arthritis (Abstract). XVIIth Meet Scand Soc for Immunology 1986; p. 111, Tampere, Finland.
91. Nykänen P, Bergroth V, Raunio P, Nordström D, Konttinen YT. Phenotypic characterization of in vivo proliferating cells in rheumatoid arthritis synovial membrane. *Rheumatol Int* 1986; 6: 269-71.
92. Oksanen V, Grönhagen-Riska C, Tikanoja S, Somer H, Fyhrquist F. Cerebrospinal fluid lysozyme and beta2-microglobulin in neurosarcoidosis. *J Neurol Sci* 1986; 73: 79-87.
93. Paimela H, Hallikainen D, Ahonen J, Höckerstedt K, Palmu A, Scheinin TM. The prognostic significance of radiologically determined gastric emptying time before proximal gastric vagotomy. *Acta Chir Scand* 1986; 152: 611-5.
94. Pasternack A, Ahonen J, Kuhlback B. Renal transplantation in 45 patients with amyloidosis. *Transplantation* 1986; 42: 598-601.
95. Pettersson Tom. Hematologiska förändringar vid inflammatoriska led- och bindvävsjukdomar. *Fin Läkarsällsk Handl* 1986; 130: 289-95.
96. Pettersson Tom, Klockars M, Essen R von, Weber T, Ferritin in synovial fluid and pleural fluid in rheumatic diseases. XIIth Scand Congr of Rheumatology 1986; Copenhagen.
97. Pettersson Tom, Lepäntö M, Friman C, Ahonen J. Spontaneous liver rupture in rheumatoid arthritis. *Scand J Rheumatol* 1986; 15: 348-9.
98. Ratheiser K, Groop L, Melander A. Insulinotropic effect of glucose and sulfonylurea drugs in man. *Diabetes* 1986; 35, Suppl 1: 363.
99. Riska H. Evaluation of supervised ambulatory treatment of tuberculosis. A twelve-year follow-up study. XXVIII IUAT World Conf on Tuberculosis and Respiratory Diseases 1986; Singapore.
100. Riska H. Keuhkosairauksista lyhyesti. SLL/FLT 1986; 35.
101. Riska H, Stenius-Aarniala B, Sovijärvi A. Comparison of efficacy of an ACE-inhibitor and a calcium channel blocker in hypertensive asthmatics. A preliminary report. *Postgrad Med J* 1986; Suppl 1: 52-3.
102. Riska H, Stenius-Aarniala B, Sovijärvi A. Comparison of the effects of an ACE-inhibitor and a calcium channel blocker on blood pressure and respiratory function in patients with hypertension and asthma (Abstract). 11th Sci Meet Int Soc of Hypertension, Symp on ACE Inhibition, 1986; Heidelberg, Germany.
103. Rosenlöf K. Immunological comparison of renin substrate with erythropoietin. *Scand J Clin Lab Invest* 1986; 46: 497-504.
104. Santavirta S, Konttinen YT, Lindqvist C, Sandelin J. Occipital headache in rheumatoid facet joint arthritis (Letter). *Lancet* 1986; II: 695.
105. Santavirta S, Sandelin J, Slätis P, Konttinen YT, Kankaanpää U, Laasonen E. Rheuma-

- toid cervical spine (Abstract). IVth Int Seminar on the Treatment of Rheumatic Diseases, Jerusalem 1986.
106. Segerberg-Konttinen M, Bergroth V, Jungell P, Malmström M, Nordström D, Sane J, Immonen I, Konttinen YT. Activated lymphocytes and lymphoblasts in the minor salivary glands of patients with Sjögren's syndrome (Abstract). XVIIth Ann Meet of the Scand Soc for Immunology 1986; p. 110, Tampere, Finland.
 107. Segerberg-Konttinen M, Bergroth V, Jungell P, Malmström M, Nordström D, Sane J, Immonen I, Konttinen YT. Local lymphocyte activation in Sjögren's syndrome (Abstract). 1st Int Sem on Sjögren's syndrome 1986; p. 16, Copenhagen.
 108. Segerberg-Konttinen M, Konttinen YT, Bergroth V. Focus score in the diagnosis of the oral component of Sjögren's syndrome. *Scand J Rheumatol* 1986; Suppl 61: 47-51.
 109. Segerberg-Konttinen M, Konttinen YT, Kinnunen E, Bonsdorff M von, Lillqvist P, Immonen I, Bergroth V, Friman C. Plasmapheresis in the treatment of acute transverse myelopathy in primary Sjögren's syndrome. IVth Int Seminar on the Treatment of Rheumatic Diseases 1986; p. 120, Jerusalem.
 110. Stenman S, Groop P-H, Tötterman KJ, Saloranta C, Groop L. Treatment of type 2 diabetes with a combination of insulin and glibenclamide. *Acta Endocrinol* 1986; 112, Suppl 1: 45.
 111. Taskinen E, Tukiainen P, Riska H, Wang A. Relationship between the differential cell count and lymphocyte subsets of BAL and the clinical findings in sarcoidosis. 5th Eur Conf on Sarcoidosis and other Granulomatous Disorders 1986; Vienna.
 112. Teppo A-M, Kariniemi AL, Maury CPJ. Immunohistochemical demonstration of hyaluronin-associated 90 kD glycoprotein in Lichen amyloidosus. *Am J Clin Pathol* 1986; 86: 175-9.
 113. Teppo A-M, Maury CPJ. Does the urinary protein pattern in AA amyloid nephropathy differ from that in other nephropathies? In: Glenner GG, Osseman EF, Benditt EP, Calkins E, Cohen AS, Zucker-Franklin D, editors. *Amyloidosis*. 1986; pp. 591-7. Plenum, New York.
 114. Teppo A-M, Maury CPJ. Enzyme immunoassay of complement binding rheumatoid factors. *Rheumatol Int* 1986; 6: 31-5.
 115. Tikkanen I, Fyhrquist F, Grönhagen-Riska C, Metsärinne K. Atrial natriuretic peptide: A non-invasive indicator of cardiac and volume state. *Ann Clin Res* 1986; 18(2): 109-10.
 116. Tikkanen I, Grönhagen-Riska C, Fyhrquist F. Atrial natriuretic peptide as an indicator of cardiac and volume state (Abstract). *Int Meet on Diuretics*, 1986; Sorrento, Italy.
 117. Tikkanen T, Tikkanen I, Fyhrquist F, Metsärinne K, Tötterman KJ. Atrial natriuretic peptide during water immersion in healthy volunteers (Abstract). *Int Meet on Diuretics*, 1986; Sorrento, Italy.
 118. Tötterman KJ, Tikkanen I, Metsärinne K, Fyhrquist F. Exercise related release of atrial natriuretic peptide in healthy subjects (Abstract). *Ann Clin Res* 1986; 18(2): 117.
 119. Wählin-Boll E, Groop L, Karhumaa S, Groop P-H, Tötterman KJ, Melander A. Therapeutic equivalence of once- and thrice-daily glipizide. *Eur J Clin Pharmacol* 1986; 31: 95-9.
- 1987**
1. Andersson S, Tikkanen I, Pesonen E, Meretoja O, Hynynen M, Fyhrquist F. Atrial natriuretic peptide in patent ductus arteriosus. *Pediatr Res* 1987; 21: 396-8.
 2. Aro A, Groop P-H, Groop L, Stenman S. Long-term effects of guar gum in non-insulin dependent diabetic subjects. *Acta Endocrinol* 1987; Suppl 282: 5.
 3. Bergroth V. Nivelitulehduksen patogeneesi. Kirjassa: Isomäki H, Essen R von, Hämäläinen M, toimittajat. *Reumataudit. Duodecim, Vammala* 1987.
 4. Bergroth V, Konttinen YT, Nordström D, Laasonen L. The loin pain/haematuria syndrome - possible association with intrarenal arterial spasms. *Br Med J* 1987; 294: 1657.
 5. Bergroth V, Konttinen YT, Nordström D, Pettersson Tom, Tolvanen E. Lymphocyte subpopulations, activation phenotypes and spontaneous proliferation in tuberculous pleural effusions. *Chest* 1987; 91: 338-41.
 6. Bergroth V, Konttinen YT, Segerberg-Konttinen M, Ollikainen V, Salaspuro M. Phenotypic in situ characterization of lymphocytes in mild alcoholic liver disease (Abstract 3304-X10). *Toxicol Abstr, Cambridge Sci Abstr* 1987; 10: 78-9.
 7. Bergroth V, Segerberg-Konttinen M, Nordström D. Lymphocyte activation in oral lichen planus in situ (Abstract). *SFOMK Joint Meet Oral Surgery* 1987; 55: 61.
 8. Böhring T, Haltia M, Rosenlöf K, Fyhrquist F. Erythropoietin in capillary hemangioblastoma. An immunohistochemical study. *Acta Neuropathol* 1987; 74: 324-8.
 9. Eklund B, Honkanen E, Kala A-R. Surgical implantation of the Tenckhoff catheter: The "two way pull through" method (Abstract). *Perit Dial Bull* 1987; 7, Suppl 27.
 10. Eklund B, Honkanen E, Salmela A, Kala A-R. The Gore-Tex peritoneal catheter: A clinical long term assessment (Abstract). *Perit Dial Bull* 1987; 7, Suppl 27.
 11. Ekstrand A, Grönhagen-Riska C, Groop L, Kuhlback B, Ahonen J. Outcome of patients with diabetic nephropathy after kidney transplantation. *Acta Med Scand* 1987; 222: 251-60.
 12. Ekstrand A, Grönhagen-Riska C, Groop L, Salmela K, Kuhlback B, Ahonen J. Results of kidney transplantation in patients with diabetic nephropathy. *Transplant Proc* 1987; 14: 1535-6.
 13. Forslund T, Tikkanen I, Fyhrquist F. Pitkäaikaisseuranta kaptopriililla verenpainetaudin hoidossa. *SLL/FLT* 1987; 42: 9-13.
 14. Franzén P, Friman C, Pettersson Tom, Fyhrquist F, Ruutu T. Combined pure red cell aplasia and primary autoimmune hypothyroidism in systemic lupus erythematosus. *Arthritis Rheum* 1987; 30: 939-40.
 15. Friman C. Systeeminen sklerooosi. Eosinofiilinen faskiitti. *Vaskuliitti. Polymyalgia rheumatica*. Kirjassa: Isomäki H, Essen R von, Hämäläinen M, toimittajat. *Reumataudit. Duodecim, Vammala* 1987.
 16. Friman C, Davis P, Starkebaum G, Johnston C, Dasgupta M, Grace M, Wong K. Suppression of superoxide generation by normal polymorphonuclear leukocytes preincubated in plasma from patients with Felty's syndrome. *Scand J Rheumatol* 1987; 16: 113-20.
 17. Friman C, Nordström D, Eronen I. Plasma glycosaminoglycans in systemic lupus erythematosus. *J Rheumatol* 1987; 14: 7.
 18. Fyhrquist F. Erythropoietin: Från hypotes till läkemedel. *Fin Läkaresällsk Handl* 1987; 131: 73-4.
 19. Fyhrquist F, Grönhagen-Riska C, Forslund T, Tikkanen I. Long-term treatment of essential and secondary hypertension with angiotensin converting enzyme inhibitors (Abstract). XXXIIIrd Meet of Pharmacology 1987; Kuopio, Finland.
 20. Fyhrquist F, Grönhagen-Riska C, Tikkanen I, Junggren L. Long-term treatment with lisinopril in renovascular hypertension. *J Cardiovasc Pharmacol* 1987; 9, Suppl 3: 61-5.
 21. Fyhrquist F, Rosenlöf K, Autero M, Kärkkäinen T. Erythropoietin: Origin, bone marrow receptors, and relation to renin substrate (angiotensinogen). *Adv Nephrol* 1987; 16: 379-89.
 22. Fyhrquist F, Tikkanen I, Forslund T, Andersson S, Simonsen S, Fröysaker T, Myhre E, Riddervold F. Plasma concentration of atrial natriuretic peptide (ANP) in cardiac disease and in cardiac transplant recipients. Highlights on *Endocrinol, Proc of the 1st Europ Congr of Endocrinology* 1987; pp. 153-60.
 23. Fyhrquist F, Tikkanen I, Tötterman KJ, Hynynen M, Tikkanen I, Andersson S. Plasma atrial natriuretic peptide in health and disease. *Eur Heart J* 1987; 8, Suppl B: 117-22.
 24. Gripenberg M. Anti-DNA antikroppar vid systemisk lupus erythematosus. *Fin Läkaresällsk Handl* 1987; 131: 87-90.
 25. Gripenberg M. Systeeminen lupus erythematosus. Myosiitti. MCTD. Sjögrenin syndrooma. Kirjassa: Isomäki H, Essen R von, Hämäläinen M, toimittajat. *Reumataudit. Duodecim, Vammala* 1987.
 26. Groop L, Groop P-H, Stenman S, Saloranta C, Tötterman KJ, Fyhrquist F, Melander A. Comparison of pharmacokinetics, metabolic effects and mechanism of action of glibenclamide (glyburide) and glipizide during long-term treatment. *Diabetes Care* 1987; 10: 671-8.
 27. Groop L, Luzi L, Melander A, Groop P-H, Ratheiser K, Simonson DC, Defronzo RA. Different effect of glibenclamide and glipizide on insulin secretion and hepatic glucose production in normal and NIDDM subjects. *Diabetes* 1987; 36: 1320-8.
 28. Groop P-H, Fyhrquist F, Groop L. Relationship between insulin and GIP secretion in simple obesity and NIDDM. *Acta Endocrinol* 1987; Suppl 282: 51.
 29. Groop P-H, Fyhrquist F, Tötterman KJ, Groop L. The effect of dexamethasone on the enteroinsular axis. *Scand J Clin Lab Invest* 1987; 47: 491-5.
 30. Groop P-H, Reunanen A, Klaukka T, Bergman U. Causes of variation in the use of anti-diabetic drugs between Nordic countries. *Acta Endocrinol* 1987; Suppl 282: 32.
 31. Groop P-H, Tötterman KJ, Saloranta C, Groop L. Risk factors and markers for coronary heart disease in patients with non-insulin dependent diabetes mellitus. *Diabetologia* 1987; 30: 526A.
 32. Groop P-H, Tötterman KJ, Saloranta C, Melander A. Influence of acute insulin response on oral glucose tolerance in normal subjects. *Diabetes* 1987; 36, Suppl 1: 479.
 33. Grönhagen-Riska C. Metoder för diagnostik och bestämning av sjukdomsaktivitet vid sarkoidos. *Fin Läkaresällsk Handl* 1987; 127: 7-15.
 34. Grönhagen-Riska C. Nya rön om urinvägs-

- infektioner hos kvinnor med eller utan urin-kontinens. *KabiVitrum Publ* 1987; pp. 19–25.
35. Grönhagen-Riska C, Honkanen E, Willebrand E von, Tikkanen I, Miettinen A, Holt-höfer H, Törnroth T. Interstitial mononuclear cell infiltration in Heymann nephritis. *Clin Exp Immunol* 1987; 70: 425–33.
 36. Grönhagen-Riska C, Riska H. Tuberculosis in renal transplant patient (Abstract). *Eur Soc for Organ Transplantation* 1987.
 37. Grönhagen-Riska C, Saikku P, Riska H, Fröseth B. Chlamydia psittaci (TWAR) antibodies in sarcoidosis patients (Abstract). *Xith World Conf on Sarcoidosis* 1987, Milan, Italy.
 38. Grönhagen-Riska C, Tikkanen I, Fyhrquist F. Competitive inhibitor binding assay (CIBA) of ACE inhibitors (Abstract). *XXXIIIth Meet of Pharmacology* 1987; Kuopio, Finland.
 39. Grönhagen-Riska C, Tikkanen I, Fyhrquist F. Competitive inhibitor binding assay (CIBA) of ACE inhibitors. *Clin Chim Acta* 1987; 162: 53–60.
 40. Grönhagen-Riska C, Willebrand E von, Honkanen E, Laasonen L, Törnroth T. Fine-needle aspiration biopsy (FNAB) study of mononuclear interstitial cell infiltration of IgA nephropathy (Abstract). *XXIVth Congr of the EDTA-ERA* 1987; Berlin.
 41. Grönhagen-Riska C, Willebrand E von, Tikkanen T, Honkanen E, Miettinen A, Holt-höfer H, Törnroth T. Development of proteinuria is prevented or delayed by cyclosporin (CsA) administration during induction of Heymann nephritis (HN). *Nephrol Dial Transplant* 1987; 2: 425.
 42. Grönhagen-Riska C, Willebrand E von, Tikkanen T, Honkanen E, Miettinen A, Törnroth T. Cyclosporine A (CyA) prevents development of proteinuria in Heymann nephritis (HN) (Abstract). *Xth Int Congr of Nephrology* 1987; London.
 43. Guseva N, Segerberg-Konttinen M, Molander G, Keinonen M, Malmström M, Bergroth V, Kaarela K, Lehtinen K, Konttinen YT. Disease experiences in differential diagnosis of Sjögren's syndrome (Abstract). *Clin Exp Rheumatol* 1987; 5 (S-2), Suppl 291: 494.
 44. Hannonen P, Möttönen T, Teppo A-M, Maury CPJ, Oka M. Rheumatoid factor isotypes and their complement binding activity in early rheumatoid arthritis (Abstract). *Scand J Rheumatol* 1987; 16: 383–4.
 45. Honkanen E. Membranous glomerulonephritis. A clinical, morphological, and experimental study (Dissertation). *Comment Phys Math Dissertationes* 1987; 80: 1–68.
 46. Honkanen E. Etyleenioksidi - uutta tietoa toksikologiasta. *SAHTI* 1987; 3: 38–40.
 47. Honkanen E, Grönhagen-Riska C, Willebrand E von, Törnroth T. Renal mononuclear inflammatory cell populations in membranous glomerulonephritis. A fine-needle aspiration biopsy study. *Clin Nephrol* 1987; 28: 232–7.
 48. Honkanen E, Grönhagen-Riska C, Willebrand E von, Törnroth T, Laasonen L. A fine-needle aspiration biopsy (FNAB) study on renal mononuclear inflammatory cells (MIC) in human membranous glomerulonephritis (MGN) (Abstract). *XIth Int Congr of Nephrology* 1987; p. 331, London.
 49. Honkanen E, Mäkelä P, Björkstén F, Salo OP, Grönhagen-Riska C. Etyleenioksidi ja hemodialyysianafylaksia. *Duodecim* 1987; 103: 694–9.
 50. Honkanen E, Mäkelä P, Björkstén F, Salo OP, Grönhagen-Riska C. Ethylene oxide (ETO) and dialysis anaphylaxis (Abstract). *XXIVth Congr of the EDTA-ERA* 1987; Berlin.
 51. Honkanen E, Törnroth T, Pettersson E, Skrifvars B. Membranous glomerulonephritis in rheumatoid arthritis not related to gold or D-penicillamine therapy. A report on four cases and review of the literature. *Clin Nephrol* 1987; 27: 87–93.
 52. Hynynen N, Tikkanen I, Salmenperä M, Heinonen J, Fyhrquist F. Plasma atrial natriuretic peptide concentrations during induction of anaesthesia and acute volume loading in patients undergoing cardiac surgery. *J Cardiothorac Anesth* 1987; 1: 401–7.
 53. Höckerstedt K, Lautenschlager I, Scheinin TM, Ahonen J, Eklund B, Häyry P, Korsbäck C, Maury P, Salmela K, Taskinen E. Diagnosis of rejection in liver transplantation. *Transplant Proc* 1987; 19: 2483–4.
 54. Immonen I, Friberg K, Sorsila M, Fyhrquist F. Concentration of angiotensin-converting enzyme in tears of patients with sarcoidosis. *Acta Ophthalmol* 1987; 65: 27–9.
 55. Jungell P, Malmström M, Wartiovaara J, Konttinen YT. Ultrastructure of oral leukoplakia and lichen planus. II. A correlated scanning-and transmission electron microscopic study of epithelial surface cells. *J Oral Pathol* 1987; 16: 287–93.
 56. Jungell P, Malmström M, Wartiovaara J, Konttinen YT, Sane J. Ultrastructure of oral leukoplakia and lichen planus. I. Basal region and inflammatory cells. *J Oral Pathol* 1987; 16: 170–8.
 57. Kilpi A. Activation marker analysis of mononuclear cell infiltrates of oral lichen planus in situ. *Scand J Dent Res* 1987; 95: 174–80.
 58. Kilpi A. Characterization of mononuclear cells of inflammatory infiltrates in oral tissues (Dissertation). Helsinki 1987.
 59. Kontiola A, Maury CPJ, Teppo A-M, Viitala J, Järnefelt J. Glycosylation pattern of kappa light chains in massive cutaneous hyalinosi. *Glycoconj J* 1987; 4: 297–305.
 60. Konttinen YT. Reumatoid artrit nu och år 2000: Synpunkter på etiologi och patogener. *Läketiede/Medicin* 87 1987; 226–7.
 61. Konttinen YT, Bergroth V, Johnsson E, Nordström D, Malmström M. A long-term clinicopathological survey of patients with Jessener's lymphocytic infiltration of the skin. *J Invest Dermatol* 1987; 89: 205–8.
 62. Konttinen YT, Bergroth V, Kinnunen E, Nordström D, Kouri T. Activated T-lymphocytes in patients with multiple sclerosis in remission. *J Neurol Sci* 1987; 81: 133–9.
 63. Konttinen YT, Bergroth V, Nordström D, Saari H, Santavirta S. Vad vet vi om uppkomsten av reumatoid och reaktiv artrit? *Nord Med* 1987; 102: 301–4.
 64. Konttinen YT, Bergroth V, Nordström D, Segerberg-Konttinen M, Seppälä K, Salaspuro M. Lymphocyte activation in vivo in the intestinal mucosa of patients with Crohn's disease. *J Clin Lab Immunol* 1987; 22: 59–63.
 65. Konttinen YT, Bergroth V, Nordström D, Tallgren LG, Bonsdorff M von, Santavirta S. IgA nephropathy in reactive arthritis. *J Rheumatol* 1987; 14: 1070–1.
 66. Konttinen YT, Bergroth V, Santavirta S, Sandelin J. Inflammatory involvement of cervical spine ligaments in rheumatoid arthritis patients with atlanto-axial subluxation. *J Rheumatol* 1987; 14: 531–4.
 67. Konttinen YT, Bluestein HG, Zvaifler NJ. A defective control of EBV transformed, immortalized B cells by cytotoxic T cells in rheumatoid arthritis. *Progr Rheumatol* 1987; 3: 4–8.
 68. Konttinen YT, Kinnunen E, Bonsdorff M von, Lillqvist P, Immonen I, Bergroth V, Segerberg-Konttinen M, Friman C. Acute transverse myelopathy in a patient with primary Sjögren's syndrome successfully treated with plasmapheresis and prednisone. *Arthritis Rheum* 1987; 30: 339–44.
 69. Konttinen YT, Malmström M, Hietanen J, Immonen I, Konttinen M. Sjögrenin syndrome diagnosis ja taudinkuva. *Reuma* 1987; 35: 8–9.
 70. Konttinen YT, Nordström D, Bergroth V. Loin pain and haematuria syndrome. *Br Med J* 1987; 295: 391–2.
 71. Konttinen YT, Nordström D, Bergroth V, Leirisalo-repo M, Skrifvars B. Cell-mediated immune response in the diseased joints in patients with reactive arthritis (Abstract 7055- F12). *Immunol Abstr, Cambridge Scientific Abstr* 1987; 12: 125.
 72. Konttinen YT, Santavirta S. Atlantoaxial instability in Down's syndrome. *Br Med J* 1987; 294: 1549.
 73. Konttinen YT, Santavirta S, Bergroth V, Sandelin J, Sakaguchi M, Kauppi M, Rindell K, Michelsson J-E, Slätis P. Pathogenesis of atlanto-axial subluxation (AAS) in RA. *Clin Exp Rheumatol* 1987; 5 (S-2), Suppl 62: f201.
 74. Konttinen YT, Santavirta S, Isomäki H, Slätis P, Hämäläinen M, Kauppi M, Sakaguchi M. Tukiligaamenttien löystyminen anteriorisen atlantoaksiaalisen subluksaation patogeenissa. *Suomen Ortopedia ja Traumatologia* 1987; 10: 223–5.
 75. Kurki P, Gripenberg M, Partanen P, Helve T. Screening test for rheumatic diseases: A combined enzyme immunoassay of rheumatoid factors and antibodies to DNA and extractable nuclear antigens. *J Clin Pathol* 1987; 40: 1475–80.
 76. Lalla MLT, Eklund B, Ahonen J, Maury CPJ. The clinical significance of serum C-reactive protein (S-rcp) after renal transplantation (Abstract). *XIVth Congr Scand Transplantation* 1987.
 77. Malmström M, Tuominen S, Segerberg-Konttinen M, Hietanen J, Wolf J, Sane J, Konttinen YT. Xerostomia due to Sjögren's syndrome. Diagnostic criteria and treatment. *SFOMK Joint Meet Oral Surgery* 1987; 55: 61.
 78. Maury CPJ. Sekundäärinen amyloidoosi. Kirjassa: Isomäki H, Essen R von, Hämäläinen M, toimittajat. *Reumataudit. Duodecim, Vammala* 1987.
 79. Maury CPJ. Secondary amyloidosis. *Läketiede/Medicin* 87 1987.
 80. Maury CPJ, Höckerstedt K, Lautenschlager I, Scheinin TM. High-density lipoprotein-associated amyloid A protein after liver transplantation: Raised levels in serum and enhanced expression in hepatocytes during rejection. *Clin Transplant* 1987; 1: 294–9.
 81. Maury CPJ, Höckerstedt K, Lautenschlager I, Scheinin TM. Monitoring of high-density lipoprotein-associated amyloid A protein after liver transplantation. *Transplant Proc* 1987; 19: 3825–6.
 82. Maury CPJ, Höckerstedt K, Lautenschlager I, Scheinin TM. High-density lipoprotein-associated amyloid A protein after liver transplantation: Raised serum levels and en-

- hanced expression in hepatocytes during episodes of graft rejection. Eur Soc for Organ Transplantation 1987 3d Congr 1987; p. 68.
83. Maury CPJ, Teppo A-M. Autoantibodies to amyloid A protein in rheumatic diseases. Clin Exp Rheumatol 1987; 5, Suppl 2: 104.
 84. Maury CPJ, Teppo A-M. Serum immunoreactive interleukin-1 in renal transplant recipients. Transplant Proc 1987; 19: 4349-50.
 85. Maury CPJ, Teppo A-M. Raised serum levels of tumor necrosis factor 6 in renal allograft rejection. J Exp Med 1987; 166: 1132-7.
 86. Maury CPJ, Teppo A-M. Immunodetection of proteins in cerebral amyloid extracts in Alzheimer's disease: Enrichment of retinol-binding protein. J Neurol Sci 1987; 80: 221-8.
 87. Maury CPJ, Teppo A-M. Serum immunoreactive interleukin 1 in renal transplant recipients. XIVth Congr Scand Transplantation Soc 1987.
 88. Maury CPJ, Teppo A-M, Kariniemi AL, Koepfen AH. Amyloid fibril protein in Finnish hereditary amyloidosis. Vth Int Symp on Amyloidosis, Hakone, Japan 1987.
 89. Miettinen A, Groop L, Groop P-H, Meri S, Koskimies S, Bottazzo GF. Organ-specific autoimmunity, HLA-antigens and beta-cell destruction in NIDDM. Diabetes 1987; 36, Suppl 1: 665.
 90. Nordström D, Konttinen YT, Bergroth V, Segerberg-Konttinen M, Santavirta S. Rheumatoid arthritis: T cell subsets in the blast cell population in PHA stimulated peripheral blood in vitro and in rheumatoid arthritis synovial fluid in vivo. Rheumatol Int 1987; 7: 67-70.
 91. Nordström D, Santavirta S, Sandelin J, Saari H, Konttinen YT. Tappajasolujen osuus reaktiivisen artriitin patogeenisissa. Suomen Ortopedia ja Traumatologia 1987; 10: 226-9.
 92. Partanen J, Koskimies S, Johnsson E, Gripenberg M. Complement C4 "null" genes in patients with lupus erythematosus (LE). Scand J Immunol 1987; 26: 324.
 93. Pekonen F, Rosenlöf K, Rutanen EM, Fyhrquist F. Binding properties of the human erythropoietin receptor in fetal tissue. Acta Endocrinol 1987; 116: 561-7.
 94. Pettersson Tom. Reuma-anemia ja muut hematologiset manifestaatiot. Kirjassa: Isomäki H, Essen R von, Hämäläinen M, toimittajat. Reumataudit. Duodecim, Vammala 1987.
 95. Pettersson Tom. Extraartikulära manifestationer vid reumatoid artrit. Läkärtiede/Medicin 87 1987.
 96. Pettersson Tom, Hortling L, Teppo A-M, Tötterman KJ, Fyhrquist F. Phosphate binding by a myeloma protein. Acta Med Scand 1987; 222: 89-91.
 97. Pettersson Tom, Koivunen E, Ilvonen M, Jouppila J, Aalto E, Wasastjerna C. Sarcoidosis and multiple myeloma: An association. Br Med J 1987; 295: 958.
 98. Pettersson Tom, Koivunen E, Ilvonen M, Jouppila J, Wasastjerna C. Myelom hos fyra patienter med amyloidos (Abstract). 18de Nord Hematologiska Vårmeet 1987, Oslo.
 99. Pettersson Tom, Riska H, Nordström D, Honkanen E. Plasmapheresis for idiopathic thrombocytopenic purpura unresponsive to intravenous immunoglobulin. Eur J Haematol 1987; 39: 92-3.
 100. Pettersson Tom, Törnroth T. Fine-needle biopsy of subcutaneous abdominal fat compared with rectal and renal biopsy in the detection of amyloid deposits. Scand J Rheumatol 1987; 16: 388.
 101. Pettersson Tom, Törnroth T, Tötterman KJ, Fortelius P, Maury CPJ. AA amyloidosis in systemic lupus erythematosus. J Rheumatol 1987; 14: 835-8.
 102. Riska H. Försäkringsmedicin - varhän? Fin Läkarsällsk Handl 1987; 131: 134-5.
 103. Riska H. Försäkringsmedicin. Fin Läkarsällsk Handl 1987; 131: 127-90.
 104. Riska H. Keuhkokasvaimen diagnostiikka. Duodecim 1987; 24: 1479-84.
 105. Riska H, Stenius-Aarniala B, Sovijärvi ARA. Comparison of an angiotensin converting enzyme inhibitor and a calcium channel blocker on blood pressure and respiratory function in patients with hypertension and asthma. J Cardiovasc Pharmacol 1987; 10, Suppl 10: 879-819, Suppl 3: 61-5.
 106. Riska H, Grönhagen-Riska C, Ahonen J. Tuberculosis and renal allograft transplantation. Transplant Proc 1987; 19: 4096-7.
 107. Rosenlöf K. Erythropoietin: receptor and comparison with renin substrate (Dissertation). Comment Phys Math Dissertationes 1987; 82: 1-104.
 108. Rosenlöf K, Fyhrquist F, Grönhagen-Riska C. Erythropoietini. Munuainen/Njuren 1987; 4: 5-6.
 109. Rosenlöf K, Fyhrquist F, Pekonen F. Receptors for recombinant erythropoietin in human bone marrow cells. Scand J Clin Lab Invest 1987; 47: 823-7.
 110. Saari H, Konttinen YT, Jaakkola L, Santavirta S, Nordström D. Nivelnesteen hyaluronihappo korkeapainestekromatografialla tutkittuna terveessä nivelessä ja artriiteissa. Suomen Ortopedia ja Traumatologia 1987; 10: 214-8.
 111. Santavirta S, Kankaanpää U, Sandelin J, Laasonen E, Konttinen YT, Slätis P. Evaluation of patients with rheumatoid cervical spine. A review. Scand J Rheumatol 1987; 16: 9-16.
 112. Santavirta S, Konttinen YT, Lindqvist C, Bergroth V, Sandelin J. Chronische Cephalgie als Folge von rheumatischer Spondylarthritis der Halswirbelsäule. Zentralbl Chir 1987; 112: 440-6.
 113. Santavirta S, Konttinen YT, Nordström D, Eskola A. Paikallinen immuunivaste infektoituneessa endoproteesinivelessä. Suomen Ortopedia ja Traumatologia 1987; 10: 191-3.
 114. Santavirta S, Konttinen YT, Sandelin J. Rheumatoid cervical spine: Natural history and indications of surgical treatment. Sapporo Med J 1987; 56: 429-34.
 115. Santavirta S, Lamberg M, Kiviluoto O, Konttinen YT, Möller C. Zervikale Spondylitis als Folge der Gummi-Ligaturbehandlung von Hämorrhoiden. Zentralbl Chir 1987; 112: 725-8.
 116. Santavirta S, Sandelin J, Slätis P, Konttinen YT, Bergroth V, Kankaanpää U, Laasonen E. Rheumatoid cervical spine: Natural history and indications of surgical treatment. Prog Rheumatol 1987; 3: 42-6.
 117. Santavirta S, Slätis P, Sandelin J, Lindqvist C, Konttinen YT. Atlanto-axial subluxation in patients with seronegative spondylarthritis. Rheumatol Int 1987; 7: 43-6.
 118. Segerberg-Konttinen M. Demonstration of esophageal varices post mortem by gastroesophageal phlebography. J Forensic Sci 1987; 32: 703-10.
 119. Segerberg-Konttinen M, Bergroth V, Jungell P, Malmström M, Nordström D, Sane J, Immonen I, Konttinen YT. Lymphocyte involvement in the pathogenesis of Sjögren's syndrome. Scand J Rheumatol 1987; 16: 73-4.
 120. Segerberg-Konttinen M, Bergroth V, Kinnunen E, Bonsdorff M von, Bergroth V, Friman C, Malmström M. Plasmapheresis in the treatment of acute transverse myelopathy in primary Sjögren's syndrome. Progr Rheumatol 1987; 3: 92-6.
 121. Simonson DC, Delprato S, Castellino P, Groop L, Defronzo RA. Effect of glyburide on glycemic control, insulin requirement and glucose metabolism in insulin-treated diabetic patients. Diabetes 1987; 36: 136-46.
 122. Teppo A-M, Maury CPJ. Radioimmunoassay of tumor necrosis factor in serum. Clin Chem 1987; 33: 2024-7.
 123. Teppo A-M, Mäki M, Hällström O, Maury CPJ. Antibodies to 90 kD glycoprotein in childhood and adolescent coeliac disease: relationship to reticular antibodies. J Pediatr Gastroenterol Nutr 1987; 6: 908-14.
 124. Tikkanen I, Fyhrquist F, Andersson S, Hynnenen M, Grönhagen-Riska C, Forslund T. Clinical aspects of atrial natriuretic peptide (Abstract). XXXIIIth Meet of Pharmacology 1987; Kuopio, Finland.
 125. Tikkanen I, Grönhagen-Riska C, Fyhrquist F. Atrial natriuretic peptide as an indicator of cardiac and volume state. In: Andreucci VE, Dal Canton A, editors. Proc Int Meet on Diuretics 1986, 1987; pp. 148-50, Nijhoff Publ, Dordrecht.
 126. Tikkanen I, Svartström-Fraser M, Tikkanen I, Sariola H, Fyhrquist F. Haemodynamic effects of atrial natriuretic peptide in rats with heart failure. Eur J Pharmacol 1987; 140: 187-93.
 127. Tikkanen T, Tikkanen I, Fyhrquist F. Plasma atrial natriuretic hormone in DOCA-NaCl treated rats. Acta Physiol Scand 1987; 129: 151-5.
 128. Tikkanen T, Tikkanen I, Fyhrquist F. Elevated plasma atrial natriuretic peptide in rats with myocardial infarcts. Life Sci 1987; 40: 659-63.
 129. Törnroth T, Honkanen E, Pettersson E. The evolution of membranous glomerulonephritis reconsidered: New insights from a study on relapsing disease. Clin Nephrol 1987; 28: 107-17.
 130. Tötterman KJ, Sane T, Groop P-H, Saloranta C, Nikkilä E, Groop L. Risk factors and markers for coronary heart disease in patients with non-insulin dependent diabetes mellitus. Acta Endocrinol 1987; Suppl 282: 113.
 131. Wangel AG, Lorenzetti M, Pettersson Tom. Polyclonal E-cell activation after intravenous immunoglobulin therapy in idiopathic thrombocytopenic purpura - an anti-idiotypic response? Eur J Haematol 1987; 39: 209-13.
- 1988**
1. Ahola A, Groop P-H, Groop L. Factors which predict secondary drug failure in NIDDM (Abstract). Acta Endocrinol 1988; 118, Suppl 289: 3(A1).
 2. Andersson S, Tikkanen I, Pesonen I, Wallgren EI, Fyhrquist F. Atrial natriuretic peptide and atrial pressures in newborns with transpositions of the great arteries. Acta Paediatr Scand 1988; 77: 72-5.

3. Bergroth V, Konttinen YT, Pelkonen P, Haapala M, Haapasaari J, Nordström D, Kunnamo I, Friman C. Synovial fluid lymphocytes in various subtypes of juvenile rheumatoid arthritis. *Arthritis Rheum* 1988; 31: 780-5.
4. Bergroth V, Konttinen YT, Piirainen H, Johansson E, Nordström D, Malmström M. Evaluation of lymphocyte activation in skin lesion on patients with mixed connective tissue disease and discoid lupus erythematoses. *Arch Dermatol Res* 1988; 280: 1-4.
5. Bonsdorff M von, Friman C, Honkanen E, Pettersson Tom, Konttinen YT. Plasma exchange in the treatment of systemic lupus erythematosus. *Scand J Rheumatol* 1988; Suppl 67: 44-6.
6. Ekstrand A. Diabeetikot munuaissirron jälkeen. *Munuainen/Njuren* 1988; 3: 8-9.
7. Ekstrand A, Ahonen J, Groop L. Severe defect in non-oxidative glucose disposal in IDDM patients after kidney transplantation (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289: 8 (A11).
8. Ekstrand A, Grönhagen-Riska C, Ahonen J, Groop L. Impaired glucose metabolism in diabetic and non-diabetic patients after kidney transplantation (Abstract). *Diabetologia* 1988; 31: 488A.
9. Eriksson J, Groop L. Insulin resistance rather than insulin deficiency represents the primary defect in Type 2 diabetes. *Diabetologia* 1988; 31: 488A.
10. Eriksson J, Groop L. Impaired non-oxidative glucose metabolism in subjects with first degree family history of NIDDM (Abstract). *Diabetes* 1988; 37, Suppl 1: 154A (A606).
11. Eriksson J, Groop L. Impaired non-oxidative glucose disposal in first-degree relatives (FR) of patients with non-insulin dependent diabetes (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289 (A12).
12. Eskola A, Santavirta S, Konttinen YT, Tallroth K, Hoikka V, Lindholm ST. Cementless total hip replacement in the treatment of old tuberculosis of the hip joint. *J Bone Joint Surg* 1988; 70-B: 603-6.
13. Eskola A, Santavirta S, Konttinen YT, Tallroth K, Lindholm ST. Arthroplasty for old tuberculosis of the knee. *J Bone Joint Surg* 1988; 70-B(5): 767-9.
14. Forslund T, Fyhrquist F, Tikkanen I, Fröysaker T, Myhre E, Riddervold F, Simonsen S. Plasma atrial natriuretic peptide in cardiac transplant recipients: A prospective study. *Acta Med Scand* 1988; 224: 5-7.
15. Franssila-Kallunki A, Eriksson J, Groop L. The effect of hyperglycemia on glucose and lipid metabolism in NIDDM (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289: 8 (A19).
16. Franssila-Kallunki A, Eriksson J, Groop P-H. Hyperglycemia selectively maintains non-oxidative glucose uptake in NIDDM subjects. *Diabetes* 1988; 37, Suppl 1: 314.
17. Fyhrquist F, Rosenlöf K. Erythropoietini. *Duodecim* 1988; 104: 221-3.
18. Fyhrquist F, Tikkanen I. Atrial natriuretic peptide in congestive heart failure. *Am J Cardiol* 1988; 62: 20A-24A.
19. Gries FA, Alberti KGMM, Groop L et al. Management of non-insulin dependent diabetes in Europe: A consensus view. *Diabet Med* 1988; 5: 275-81.
20. Gripenberg M, Rubin R, Dixon FJ, Theofilopoulos AN. Anti-DNA antibody reactions with cellular DNA-binding proteins is mediated by the DNA moiety of the complex. *FASEB J* 1988; 2: 1907.
21. Gripenberg M, Teppo A-M, Kurki P, Gripenberg G, Helve T. Autoantibody activity of cryoglobulins and sera in systemic lupus erythematosus: Association of IgM class rheumatoid factors with Raynaud's syndrome. *Scand J Rheumatol* 1988; 17: 249-54.
22. Gripenberg M, Theofilopoulos AN. Reactions of monoclonal anti-DNA antibodies with cellular complexes of DNA and protein. *Scand J Rheumatol* 1988; Suppl 72: 35.
23. Groop L. Insuliiniin ja tablettien yhdistelmä aikuisdiabeteksen hoidossa. *Diabeteslehdin lääkäriilite* 1988; VI: 13-6.
24. Groop L. Sulfonylurea-induced increase in insulin secretion: A major determinant of antidiabetic activity? *Contemp Issues in Diabetic Endocrinol Update* 1988; pp. 12-20.
25. Groop L. Varför misslyckas behandlingen vid vuxendiabetes. *Nord Med* 1988; 103: 338-9.
26. Groop L, Groop P-H, Koskimies S. Treatment failures in patients with Type 2 (non-insulin dependent) diabetes. *Diabetologia* 1988; 31: 186-7.
27. Groop L, Groop P-H, Stenman S, Saloranta C, Tötterman K-J, Fyhrquist F, Melander A. Do sulfonylureas influence hepatic insulin clearance? *Diabetes Care* 1988; 11: 689-90.
28. Groop L, Groop P-H, Stenman S, Saloranta C, Tötterman K-J, Fyhrquist F, Melander A. Comparison of pharmacokinetics, metabolic effects and mechanisms of action of glyburide during long-term treatment. *Diabetes Care* 1988; 10: 671-8.
29. Groop L, Miettinen A, Groop P-H, Meri S, Koskimies S, Bottazzo GF. Organ-specific autoimmunity and HLA-DR antigens as markers for beta-cell destruction in patients with maturity-onset diabetes. *Diabetes* 1988; 37: 99-103.
30. Groop L, Schalin C, Franssila-Kallunki A, Ahola A, Widén E. Characteristics of treatment failures in patients with NIDDM (Abstract). *Diabetes* 1988; 37, Suppl 1: 84 (A333).
31. Groop P-H. Comparison of two second generation sulfonylureas, glibenclamide and glipizide (Abstract). *Symp on Contemporary Treatment of Diabetes and its Complications* 1988; Pleven, Bulgaria.
32. Groop P-H, Groop L. Risk factors for macrovascular disease in NIDDM. 1st Worksh on Blood Pressure and Diabetic Nephropathy EDSNG 1988; Pisa, Italy.
33. Groop P-H, Lepäntalo M, Tötterman K-J, Stenman S, Koskimies S, Laatikainen L, Larsen A, Matikainen E, Sane T, Summanen P, Groop L. Risk factors and markers for peripheral vascular disease in Type 2 diabetic patients (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289: 14(A24).
34. Groop P-H, Melander A, Tötterman K-J, Groop L. Enhancement of the early insulin release does not result in improved glucose tolerance in type 2 diabetic subjects (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289: 15 (A25).
35. Grönblad M, Konttinen YT, Korkala O, Liesi P, Hukkanen M, Polak JM. Neuropeptides in synovium of rheumatoid arthritis and osteoarthritis patients. *J Rheumatol* 1988; 15: 1807-10.
36. Grönblad M, Konttinen YT, Korkala O, Liesi P, Hukkanen M, Polak JM. Neuroanatomical basis for pain reception in joint disease. *Scand J Rheumatol* 1988; Suppl 72: 39 (PIII11).
37. Grönhagen-Riska C. Dialysbehandling i Finland. *Fin Läkaresällsk Handl* 1988; 132: 11-7.
38. Grönhagen-Riska C, Honkanen E, Fröseth B. Increased hyaluronic acid (HA) concentrations in dialysis patients (Abstract). XXVth Congr of the EDTA-ERA 1988; Madrid.
39. Grönhagen-Riska C, Koivisto V, Riska H, Willebrand E von, Fyhrquist F. Angiotensin converting enzyme (ACE) in physiologic and pathologic conditions. In: Grassi C, Rizzato G, Pozzi E, editors. *Sarcoidosis and other granulomatous disorders* 1988; Elsevier, Amsterdam.
40. Grönhagen-Riska C, Saikku P, Riska H, Fröseth B, Grayston JT. Antibodies to TWAR - a novel type of chlamydia - in sarcoidosis. In: Grassi C, Rizzato G, Pozzi E, editors. *Sarcoidosis and other granulomatous disorders* 1988; Elsevier, Amsterdam.
41. Grönhagen-Riska C, Sovijärvi A, Rosenlöf A, Honkanen E, Laasonen L, Tikkanen I, Fyhrquist F. Improvement of physical performance and oxygen pulse after erythropoietin (EPO) treatment (Abstract). XXVth Congr of the EDTA-ERA 1988; Madrid.
42. Hannonen P, Möttönen T, Teppo A-M, Maury CPJ, Oka M. Class specific rheumatoid factors and their complement binding property in the sera of patients suffering from early rheumatoid arthritis. *Clin Exp Rheumatol* 1988; 6: 121-8.
43. Honkanen E. Biverkningar av kontakten mellan blodet och dialysmembranen: en fråga om biokompatibilitet. *Fin Läkaresällsk Handl* 1988; 132: 23-31.
44. Honkanen E. Membranoosinen glomerulonefriitti. *Munuainen/Njuren* 1988; 2: 1-8.
45. Honkanen V, Konttinen YT, Friman C, Keinonen M, Lamberg-Allardt C, Vesterinen M. Tutkimus ravinnon ja psyyken vaikutuksesta nivelreumassa. *Reuma* 1988; 36(3): 26.
46. Hynynen M, Kupari M, Salmenperä M, Tikkanen I, Heinonen J, Fyhrquist F, Tötterman K-J. Hemodynamic effects of alpha-human atrial natriuretic factor in healthy volunteers. *J Cardiovasc Pharmacol* 1988; 11: 711-5.
47. Hynynen M, Palojoki R, Salmenperä M, Tikkanen I, Harjula A, Fyhrquist F. Vasodilator properties of atrial natriuretic factor in patients undergoing cardiopulmonary bypass (Abstract). 10th Ann Meet & Worksh of Soc of Cardiovascular Anesthesiologists 1988; New Orleans.
48. Hynynen M, Salmenperä M, Palojoki R, Salmenperä M, Tikkanen I, Harjula A, Fyhrquist F. Atrial pressure and atrial natriuretic factor responses to acute cardiac tamponade in anesthetized pigs. 10th Ann Meet & Worksh of Soc of Cardiovascular Anesthesiologists 1988; New Orleans.
49. Häyry P, Ahonen J, Willebrand E von, Eklund B, Höckerstedt K, Isoniemi H, Grönhagen-Riska C. Discontinuation of one drug in triple-drug immunosuppression with cyclosporine, azathioprine and steroids: An interim report. *Transplant Proc* 1988; 20: 449-50.
50. Karhula T, Kalliopuska M, Stenman S, Wuokko P. Self-esteem and body-image of the adult asthmatic patient. *Fourth Eur Conf on Personality* 1988; Stockholm.
51. Kontiainen S, Scheinin T, Schlenzka A, Mäenpää J, Groop L, Koskimies S. Differences in HLA types in children with insulin-dependent diabetes in the 1960s, 1970s and 1980s. *Lancet* 1988; I: 219.

52. Konttinen YT. Endoproteesi-infektiot. Kirjassa: Ortopediset infektiot, ehkäisy ja hoito – seminaari 1988; Helsinki.
53. Konttinen YT. Nivelreuman taudinkuvasta. *Reuma* 1988; 36(1): 8–9.
54. Konttinen YT. Reumageeni keksitty. *Reuma* 1988; 36(2): 8–9.
55. Konttinen YT, Bergroth V, Kilpi A, Jaakkola L. Tulehdussolujen tunnistaminen kudosten leikkauksista. *Solubiologi* 1988; 2: 3–11.
56. Konttinen YT, Bergroth V, Kulomaa M, Kemppinen P, Segerberg-Konttinen M, Nordström D, Keinänen R, Malmström M. Localization of lysozyme mRNA in the labial salivary glands by in situ hybridization in Sjögren's syndrome (Abstract). *Sec Int Symp on Sjögren's syndrome* 1988; Austin, Texas.
57. Konttinen YT, Bergroth V, Kulomaa M, Nordström D, Segerberg-Konttinen M, Keinänen R, Kemppinen P, Hukkanen M, Grönblad M. Lysotsyymi (LZM) lähetti RNA nivelreumapotilaiden lining-solukossa in situ hybridisaatiotekniikalla tutkittuna. *Solubiologi* 1988; 3a: 16.
58. Konttinen YT, Bergroth V, Nordström D, Jaakkola L, Kemppinen P, Malmström M, Saari H, Kulomaa M. In situ hybridization in the study of rheumatoid inflammation. *Scand J Rheumatol* 1988; Suppl 67: 18–21.
59. Konttinen YT, Honkanen V. Onko helokki- ja kalaöljystä apua reuman hoidossa. *Reuma* 1988; 36(3): 13.
60. Konttinen YT, Honkanen VEA. Future trends in the treatment of rheumatoid arthritis in the light of current ethiopathogenetic theories. *Scand J Rheumatol* 1988; Suppl 74: 7–17.
61. Konttinen YT, Nordström D, Bergroth V, Leirisalo-Repo M, Santavirta S. Occurrence of different ensuing triggering infections preceding reactive arthritis: A follow-up study. *Br Med J* 1988; 296: 1644–5.
62. Konttinen YT, Saari H, Santavirta S, Antti-Poika I. Synovial fibroblasts. 1st Int Conf on Synovitis – Characteristics and Functions of Synovial Cells 1988; Oslo.
63. Konttinen YT, Santavirta S, Grönblad M, Hukkanen M, Korkala O, Bergroth V, Liesi P. Anterior atlanto-axial subluxation in RA is caused by involvement of the cervical spine ligaments (Abstract). *Acta Orthop Scand* 1988; 59, Suppl 227: 87.
64. Konttinen YT, Santavirta S, Grönblad M, Hukkanen M, Korkala O, Bergroth V, Liesi P. Anterior atlanto-axial subluxation in RA is caused by involvement of the cervical spine ligaments (Abstract). *Scand J Rheumatol* 1988; Suppl 72: 31 (R9F).
65. Konttinen YT, Santavirta S, Slätis P, Iso-mäki H, Michelsson J-E, Sandelin J, Kauppi M, Hämäläinen M. Pathogenesis of the rheumatoid cervical spine. *Scand J Rheumatol* 1988; 67: 50–5.
66. Konttinen YT, Segerberg-Konttinen M, Nordström D, Bergroth V, Scheinin T, Saari H. An immunoperoxidase-autoradiography double labeling method for analysis of lymphocyte activation markers and DNA synthesis. *J Immunol Methods* 1988; 110: 19–27.
67. Kuhlback B. Kronisk njursvikt – etiologi och diagnos (Abstract). *Turun Lääket päivät* 1988; 104–6.
68. Laatikainen L, Ekstrand A, Ahonen J, Groop L. Ophthalmological follow-up of diabetic patients after kidney transplantation. *Excerpta Med Congr Series* 1988; 102: 1–2.
69. Laatikainen L, Ekstrand A, Ahonen J, Groop L. Ophthalmological follow-up of diabetic patients after kidney transplantation. *Ophthalmology Today* 1988; 543–4.
70. Laatikainen L, Ekstrand A, Ahonen J, Groop L. Ophthalmological follow-up of diabetic patients after kidney transplantation (Abstract). VIIIth Congr Europ Soc of Ophthalmology 1988; 02.
71. Lautenschlager I, Suni J, Ahonen J, Grönhagen-Riska C, Räisänen S, Tukiainen P. Rapid diagnostics of CMV infection in renal transplant recipients. *Transplant Proc* 1988; 20: 408–9.
72. Leinonen H, Näveri H, Tikkanen I, Sovijärvi A, Fyhrquist F. Basal and exercise plasma levels of atrial natriuretic factor in congestive heart failure. *Am Heart J* 1988; 116: 209–11.
73. Lindgren J, Kuusela P, Hellström P-E, Pettersson Tom, Klockars M. The ovarian cancer associated antigen CA 125 in patients with pleural effusions. *Eur J Cancer Clin Oncol* 1988; 24: 737–9.
74. Luzzi R, Barrett EG, Groop LC, Ferrannini E, DeFronzo RA. Effects of "low-dose" insulin therapy on glucose metabolism in diabetic ketoacidosis. *Diabetes* 1988; 37: 1470–7.
75. Lähdevirta J, Maury CPJ, Teppo A-M, Repo H. Elevated levels of circulating cachectin/tumor necrosis factor in patients with acquired immunodeficiency syndrome. *Am J Med* 1988; 85: 289–91.
76. Malmström M, Konttinen YT, Jungell P, Bergroth V, Segerberg-Konttinen M, Nordström D. Lymphocyte activation in oral lichen planus in situ. *Am J Clin Pathol* 1988; 89: 329–34.
77. Malmström MJ, Segerberg-Konttinen M, Tuominen TS, Hietanen JH, Wolf JE, Sane JI, Konttinen YT. Xerostomia due to Sjögren's syndrome. Diagnostic criteria, treatment and outlines for a continuous dental care programme and an open trial with Sulfarlem®. *Scand J Rheumatol* 1988; 17: 77–86.
78. Maury CPJ. Amyloidosis. *Scand J Rheumatol* 1988; Suppl 74: 33–9.
79. Maury CPJ. Maksan aineenvaihdunnalliset sairaudet. Kirjassa: Kliininen gastroenterologia. Duodecim, Vammala, Finland 1988; pp. 434–44.
80. Maury CPJ, Andersson LC, Partanen S, Teppo A-M, Juvonen E. Mechanism of anaemia in rheumatoid arthritis: Evidence for a role of interleukin 1. Autoantigens, autoantibodies and Immunopeptides Proc 1988; p. 2.
81. Maury CPJ, Andersson LC, Partanen S, Teppo A-M, Juvonen E. Mechanism of anaemia in rheumatoid arthritis: Demonstration of raised interleukin 1-levels in anaemic patients and of interleukin 1-mediated suppression of normal erythropoiesis and of the proliferation of HEL cells in vitro. *Ann Rheum Dis* 1988; 47: 972–8.
82. Maury CPJ, Partanen S, Juvonen E. Inhibition of erythropoiesis by recombinant human interleukin 1. *Acta Clinica Belg* 1988; 43, Suppl 12: 32.
83. Maury CPJ, Salo E, Pelkonen P. Circulating interleukin 1 in patients with Kawasaki disease. *N Engl J Med* 1988; 319: 1670–1.
84. Maury CPJ, Teppo A, Kariniemi A-L, Koepen A-H. Amyloid fibril protein in Finnish hereditary amyloidosis. In: Isobe T, editor. *Amyloid and Amyloidosis*. Plenum Publ Corp, New York 1988; 647–52.
85. Maury CPJ, Teppo A, Kariniemi A-L, Koepen A-H. Amyloid fibril protein in familial amyloidosis with cranial neuropathy and corneal lattice dystrophy (FAP type IV) is related to transthyretin. *Am J Clin Pathol* 1988; 89: 359–64.
86. Maury CPJ, Teppo A-M. Radioimmunoassay of tumor necrosis factor in serum: Raised levels in patients with large myocardial infarcts. *Acta Clinica Belg* 1988; 43, Suppl 12: 58.
87. Maury CPJ, Teppo A-M. Antibodies to amyloid A protein in rheumatic diseases. *Rheumatol Int* 1988; 8: 107–11.
88. Maury CPJ, Teppo A-M. Serum immunoreactive interleukin 1 in renal transplant recipients: Association of raised levels with graft rejection episodes. *Transplantation* 1988; 45: 143–7.
89. Maury CPJ, Teppo A-M, Höckerstedt K. Acute phase proteins and liver allograft rejection. *Liver* 1988; 8: 75–9.
90. Maury CPJ, Teppo A-M, Wafin F, Wegelius O, Friman C, Koskimies S. Class-specific rheumatoid factors, DR-antigens, and amyloidosis in patients with rheumatoid arthritis. *Ann Rheum Dis* 1988; 47: 546–52.
91. Maury CPJ, Tötterman K-J, Gref C-G, Ehnholm C. Serum amyloid A protein, apolipoprotein A-I and apolipoprotein B during the course of acute myocardial infarction. *J Clin Pathol* 1988; 41: 1263–8.
92. Metsärinne K. Effect of exercise on plasma renin substrate. *Int J Sports Med* 1988; 9: 267–9.
93. Metsärinne K, Fyhrquist F, Grönhagen-Riska C. Increased levels of immunoreactive plasma renin substrate during infectious peritonitis. *Clin Sci* 1988; 75: 411–4.
94. Metsärinne K, Rosenlöf K, Grönhagen-Riska C, Fyhrquist F. Direct radioimmunoassay of renin substrate: Effect of converting enzyme inhibition. *Scand J Clin Lab Invest* 1988; 48: 131–6.
95. Mussalo-Rauhamaa H, Konttinen YT, Lehto J, Honkanen V. Predictive clinical and laboratory parameters for serum zinc and copper in rheumatoid arthritis. *Ann Rheum Dis* 1988; 47: 816–9.
96. Nykänen P, Konttinen YT. Blood mononuclear cell migration into the diseased joints in chronic arthritis (Abstract). *Scand J Rheumatol* 1988; Suppl 72: 20(R5B).
97. Nykänen P, Konttinen YT, Bergroth V. Blood mononuclear cell migration into the diseased joints in chronic arthritis. *Scand J Rheumatol* 1988; 17: 239.
98. Nykänen P, Raunio PV, Kankaanpää PU. The significance of ³H-thymidine degradation in cell culture experiments with special reference to rheumatoid arthritis. *APMIS* 1988; 96: 768–72.
99. Pettersson Tom, Bonsdorff M von. Autoimmune haemolytic anaemia and thrombocytopenia in scleroderma. *Acta Haematol* 1988; 80: 179–80.
100. Pettersson Tom, Fröseth B, Riska H, Klockars M. Concentration of hyaluronic acid in pleural fluid as a diagnostic aid for malignant mesothelioma. *Chest* 1988; 94: 1037–9.
101. Pettersson Tom, Klockars M, Fröseth B. Neuro-specific enolase in the diagnosis of small-cell lung cancer with pleural effusion: A negative report. *Eur Respir J* 1988; 1: 698–700.
102. Pettersson Tom, Klockars M, Hellström P-E, Fröseth B. Lysozyme in pleural effusions. *Chest* 1988; 93: 220–1.

103. Pettersson Tom, Klockars M, Riska H, Frös-eth B. Pleural fluid hyaluronic acid in the diagnosis of malignant mesothelioma (Abstract). XXXIV Nord Lungläkarkongr 1988; Århus, Denmark.
104. Pettersson Tom, Klockars M, Weber TH, Essen R von. Adenosine deaminase activity in joint effusions. *Scand J Rheumatol* 1988; 17: 365-9.
105. Pettersson Tom, Konttinen YT, Kempainen P, Bergroth V. Spontaneous and in vitro activation of synovial fluid and peripheral blood lymphocytes in rheumatoid arthritis (Abstract). *Scand J Rheumatol* 1988; Suppl 72: 20(RSC).
106. Pettersson Tom, Riska H. Keuhkopussin nestekertymän tutkiminen. *Duodecim* 1988; 104: 386-91.
107. Pettersson Tom, Teppo A-M, Törnroth T. Hyvänlaatuinen kevytketjuproteinuria. *Duodecim* 1988; 104: 1542-5.
108. Regal H, Koivisto VA, Maury CPJ, Islinger K. No sign of amyloidosis in pump-treated diabetics. *Diabetes Res* 1988; 8: 195-9.
109. Riska H. Bror-Axel Lamberg och Finska Läkaresällskapet's Handlingar Band 127-132. *Fin Läkaresällsk Handl* 1988; 132: 212-3.
110. Riska H, Nordman H. Comparison of the effects of captopril and atenolol on blood pressure and respiratory function in patients with hypertension and asthma (Abstract). XXXIV Nord Lungläkarkongr 1988; Århus, Denmark.
111. Saari H, Konttinen YT. Synovial fluid hyaluronic acid. Determination with HPLC using size-exclusion column. *Scand J Rheumatol* 1988; 17: 239.
112. Saari H, Konttinen YT. A new method to determine hyaluronic acid from synovial fluid (Abstract). *Scand J Rheumatol* 1988; Suppl 72: 16(p. 19).
113. Salo S, Groop L. Combination of two sulfonylureas: Does it make sense? *Diabetes Care* 1988; 11.
114. Saloranta BIC, Bonadonna R, DeFronzo RA, Groop L. Oxidative and non-oxidative pathways of free fatty acid metabolism in obesity and type 2 diabetes. *Diabetologia* 1988; 31: 532A.
115. Saloranta BIC, Bonadonna R, DeFronzo RA, Groop L. FFA disposal in non-insulin dependent diabetic and normal subjects (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289: 28 (A51).
116. Santavirta S, Bardy B, Tukiainen E, Konttinen YT, Ahovuo R, Björkenheim J-M. Why does high tibial osteotomy occasionally fail? *J Orthop Rheumatol* 1988; 1: 41-50.
117. Santavirta S, Eskola A, Konttinen YT, Tallroth K, Lindholm ST. Total hip replacement in old tuberculosis. A report of 14 cases. *Acta Orthop Scand* 1988; 59: 391-5.
118. Santavirta S, Hopfner-Hallikainen D, Paukku P, Sandelin J, Konttinen YT. Atlanto-axial facet joint arthritis in the rheumatoid cervical spine. A panoramic zonographic study. *J Rheumatol* 1988; 15: 217-23.
119. Santavirta S, Konttinen YT. Atlantoaxial subluxation and spinal cord compression in psoriatic arthropathy. *Ann Rheum Dis* 1988; 47: 173-4.
120. Santavirta S, Nordström D, Konttinen YT, Bergroth V. Cell-mediated immune response in reactive arthritis. *Scand J Rheumatol* 1988; Suppl 67: 22-6.
121. Santavirta S, Slätis P, Konttinen YT, Michelsson J-E. Surgical treatment of rheumatoid lesions in the cervical spine (Abstract). 10th Int Symp of the Center for Implant Surgery 1988; p. 46.
122. Schalin C, Franssila-Kallunki A, Huupponen T, Groop L. Patient- and disease related factors contributing to treatment failure in patients with NIDDM (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289: 29(A53).
123. Scheinin T, Matikainen E, Groop L, Lepäntalo M, Koskimies S, Kontiainen S. HLA antigens and immunity to insulin in insulin-dependent diabetics with or without diabetic nephropathy. *Scand J Clin Lab Invest* 1988; 48: 327-36.
124. Segerberg-Konttinen M. Focal adenitis in lacrimal and salivary glands. *Scand J Rheumatol* 1988; 17: 379-85.
125. Segerberg-Konttinen M. Focus score in sialolithiasis. *Scand J Rheumatol* 1988; 17: 87-9.
126. Sipilä R, Kronqvist K, Laasonen L, Lindström B, Kuhlback B. Aiheuttaako munuaisen luovutus terveystieteitä? *SLL/FLT* 1988; 43: 9-15.
127. Sorsa T, Konttinen YT, Kempainen P, Lindy S. Collagenase reserves in neutrophils (PMNs) of synovial fluid and peripheral blood in patients with rheumatoid arthritis (Abstract). *J Cell Biol* 1988; 107: 377a (A2150).
128. Stenman S, Groop P-H, Saloranta C, Tötterman K-J, Fyhrquist F, Groop L. Effects of combination of insulin and glibenclamide in type 2 diabetic patients with secondary failure to oral hypoglycaemic agents. *Diabetologia* 1988; 31: 206-15.
129. Syrjänen J, Teppo A-M, Valtonen VV, Iivainen M, Maury CPJ. Acute phase response in cerebral infarction. *J Clin Pathol* 1988; 42: 63-8.
130. Teppo A-M, Maury CPJ. Urinary protein excretion patterns in reactive (secondary) systemic amyloidosis. *Rheumatol Int* 1988; 8: 213-7.
131. Teppo A-M, Pettersson Tom. Havaitsemeko kevytketjuproteinuria? *SLL/FLT* 1988; 43: 721-3.
132. Tikkanen I, Fyhrquist F. Sydämen natriureettinen hormoni. *Duodecim* 1988; 104: 816-22.
133. Tikkanen I, Leinonen H, Näveri H, Sovijärvi A, Fyhrquist F. Basal and exercise plasma levels of atrial natriuretic factor in congestive heart failure (Abstract). *Ann Clin Res* 1988.
134. Tikkanen I, Leinonen H, Näveri H, Sovijärvi A, Fyhrquist F. Basal and exercise plasma levels of atrial natriuretic peptide and norepinephrine in congestive heart failure (Abstract). *Int Symp on Endocrinology of the Heart* 1988; Köln, Germany.
135. Tikkanen T, Tikkanen I, Sariola H, Svartström-Fraser M, Fyhrquist F. Attenuated diabetic and natriuretic effects of atrial natriuretic peptide (ANP) in rats with heart failure (Abstract). *Am J Hypertens* 1988; 1: 128A.
136. Turunen U, Leirisalo-Repo M, Stenman S. Inflammatory changes in the gut in patients with seronegative peripheral and axial arthritis. *Clin Exp Rheumatol* 1988; 5: 95.
137. Uusitupa M, Groop L. Diabetes ja verenpaine. *Orion* 1988; Helsinki.
138. Widén E, Franssila-Kallunki A, Eriksson J, Groop L. Insulin or tablets in the management of treatment failures in NIDDM? (Abstract). *Acta Endocrinol* 1988; 118, Suppl 289: 37 (A70).
139. Yki-Järvinen H, Groop L, Taskinen M-R. Role of plasma FFA and FFA turnover, and total lipid oxidation in the regulation of glucose production in the basal state and during physiological hyperinsulinemia in type 2 (non-insulin dependent) diabetes. *Diabetologia* 1988; 31: 560A.

1989

- Ahonen J, Ekstrand A, Grönhagen-Riska C, Groop L. Reversal of steroid-induced resistance by a nicotinic acid derivative in man (Abstract). ADA Annual Meeting, Detroit, MI 1989.
- Antti-Poika I, Essen R von, Grönblad M, Konttinen YT, Santavirta S, Hämäläinen M. Fibroblast activation and type I collagen production in rheumatoid arthritis. *Scand J Rheumatol* 1989; 18: 185.
- Antti-Poika I, Santavirta S, Konttinen YT, Honkanen V. Outcome of the infected hip arthroplasty. A retrospective study of 36 patients. *Acta Orthop Scand* 1989; 60: 670-5.
- Antti-Poika I, Soini J, Tallroth K, Yrjönen T, Konttinen Y. Is discography useful in the study of patients with chronic low back pain? *Scand J Rheumatol* 1989; 18: 184.
- Aro A, Groop P-H, Stenman S, Groop L. Long term effects of guar gum on glycemic control and serum lipids, insulin, and C-peptide in type 2 (non-insulin-dependent) diabetic subjects. *Diabetologia* 1989; 32: 461A.
- Bergroth V, Konttinen YT, Kulomaa M, Keinänen R, Kempainen P, Hukkanen M, Nordström D, Segerberg-Konttinen M, Grönblad M. Detection of lysozyme mRNA in rheumatoid synovial lining cells by in situ hybridization (Abstract). XVIIth ILAR Congr of Rheumatology, Brazil 1989; pp. 123, 161.
- Bergroth V, Tsai V, Zvaifler N. Differences in response of normal and rheumatoid arthritis peripheral blood T cells to synovial fluid and peripheral blood dendritic cells in allogenic mixed leukocyte reactions. *Arthritis Rheum* 1989; 32: 1381-9.
- Bergroth V, Zvaifler N, Firestein G. Cytokines in chronic inflammatory arthritis. III. Rheumatoid arthritis monocytes are not unusually sensitive to gamma interferon, but have defective gamma-interferon-mediated HLA-DQ and HLA-DR induction. *Arthritis Rheum* 1989; 32: 1074-9.
- Ekstrand A, Ahonen J, Grönhagen-Riska C. What causes diabetes secondary to steroid therapy - insulin resistance, insulin deficiency or both? (Abstract). *Diabetes* 1989; 38, Suppl 2: 226A.
- Ekstrand A, Ahonen J, Grönhagen-Riska C, Groop L. Mechanisms of insulin resistance after kidney transplantation. *Transplantation* 1989; 48: 563-8.
- Ekstrand A, Eriksson J, Ahonen J, Grönhagen-Riska C, Groop L. Insulin resistance and insulin deficiency in the pathogenesis of steroid induced diabetes after kidney transplantation (Abstract). *Diabetologia* 1989; 32: 485A.
- Ekstrand A, Groop P-H, Koskimies S, Ahonen J, Grönhagen-Riska C, Groop L. Outcome of kidney transplantation in diabetic patients with endstage renal disease (Abstract). *Europ Diabetic Neuropathy Study Group* 1989.

13. Eriksson J, Ekstrand A, Franssila-Kallunki A, Saloranta C, Schalin C, Widén E, Groop L. Insulin resistance precedes insulin deficiency in the development of type 2 (non-insulin-dependent) diabetes. *Diabetologia* 1989; 32: 465A.
14. Eriksson J, Ekstrand A, Franssila-Kallunki A, Schalin C, Widén E, Groop L. Hyperglycemia compensates for impaired glucose disposal in first-degree relatives of NIDDM patients with normal glucose. *Acta Endocrinol* 1989; 120, Suppl 2: 18.
15. Eriksson J, Franssila-Kallunki A, Ekstrand A, Saloranta C, Widén E. Early metabolic defects in persons at increased risk for developing non-insulin dependent diabetes mellitus. *N Engl J Med* 1989; 321: 337-45.
16. Eriksson J, Schalin C, Widén E, Groop L. Insulin resistance rather than insulin deficiency represents the primary defect in non-insulin dependent diabetes mellitus. *Diabetes* 1989; 38, Suppl 2: 351.
17. Ferrannini E, Groop L. Hepatic glucose production in insulin resistant states. *Diabetes/Metabolism Reviews* 1989; 8: 711-26.
18. Franssila-Kallunki A, Ekstrand A, Saloranta C, Eriksson J, Rissanen A, Ollus A, Groop L. Treatment with very-low calorie diet (VLCD) normalizes impaired glucose metabolism in obese men. *Acta Endocrinol* 1989; 120, Suppl 2: 13.
19. Fyhrquist F, Karppinen K, Honkanen S, Saijonmaa O, Rosenlöf K. High serum erythropoietin levels are normalized during treatment of congestive heart failure with enalapril. *J Intern Med* 1989; 226: 257-60.
20. Fyhrquist F, Knorrung J von. Renovaskulaarinen hypertensio. *Duodecim* 1989; 106: 1360-90.
21. Fyhrquist F, Saijonmaa O, Metsärinne K, Tikkanen I. Presence of endotelin (ET) in human plasma and its release following cold provocation (Abstract). Fourth Eur Meet on Hypertension, Milan 1989.
22. Fyhrquist F, Saijonmaa O, Metsärinne K, Tikkanen I, Rosenlöf K. Presence of endotelin in human blood and its release following exposure to cold (Abstract). 31st Int Congr of Physiological Sciences, Helsinki 1989.
23. Gripenberg M, Laasonen L, Leskinen R, Skrifvars B, Edgren J. Systemic lupus erythematosus (SLE) and progressive cystic bone lesions (Abstract). XVIIth ILAR Congr of Rheumatology, Brazil 1989.
24. Gripenberg M, Teppo A-M, Friman C. Anti-Sm antibodies in patients with SLE demonstrated by ELISA (Abstract). Second Int Conf on Systemic Lupus Erythematosus, Singapore 1988.
25. Groop L, Bonadonna RC, Delprato S, Ratheiser K, Zyck K, Ferrannini E, DeFronzo RA. Glucose and free fatty acid metabolism in non-insulin dependent diabetes mellitus: Evidence for multiple sites of insulin resistance. *J Clin Invest* 1989; 84: 205-13.
26. Groop L, Laasonen L, Edgren J. Renal papillary necrosis in patients with insulin dependent diabetes mellitus. *Diabetes Care* 1989; 12: 198-202.
27. Groop L, Luzi L, DeFronzo RA, Melander A. Hyperglycaemia and absorption of sulphonylurea drugs. *Lancet* 1989; II: 129-30.
28. Groop L, Schalin C, Franssila-Kallunki A, Widén E, Ekstrand A, Eriksson J. Characteristics of non-insulin-dependent diabetic patients with secondary failure to oral antidiabetic therapy. *Am J Med* 1989; 87: 183-90.
29. Groop L, Stenman S, Groop P-H, Scheinin TM. A 63-year old patient with hyperinsulinemia due to diffuse islet cell hyperplasia (Abstract). *Acta Endocrinol* 1989; 120, Suppl 2: 14 (A24).
30. Groop L, Widén E, Franssila-Kallunki A, Ekstrand A, Saloranta C, Schalin C, Eriksson J. Different effects of insulin and oral antidiabetic agents on glucose and energy metabolism in type 2 diabetes. *Diabetologia* 1989; 32: 599-605.
31. Groop P-H. The influence of body weight, age and glucose tolerance on the relationship between GIP secretion and beta-cell function in man. *Scand J Clin Lab Invest* 1989; 49: 367-79.
32. Groop P-H. The relationship between gastric inhibitory polypeptide (GIP) and beta-cell function in man (Dissertation). Comment Phys Math Dissertationes 1989; 104: 1-64.
33. Groop P-H, Bergman U, Borch-Johnsen K, Damsgaard E-M, Hreidarsson A, Klaukka T, Midthjell K, Reunanen A. Several reasons for the variations in the use of antidiabetic drugs in the Nordic countries. *Acta Endocrinol* 1989; 120, Suppl 2.
34. Groop P-H, Eriksson J, Miettinen A. Characterization of patients with autoimmune diabetes in adults (ADA). *Diabetes* 1989; 38, Suppl 1.
35. Grönblad M, Kontinen YT, Antti-Poika I, Santavirta S, Polak JM. Pathophysiology of discogenic pain (Abstract). XVIIth ILAR Congr of Rheumatology, Rio de Janeiro, Brazil 1989; p. 272, 539.
36. Grönblad M, Kontinen YT, Korkala O, Hukkanen M, Polak JM. Zygapophyseal (facet) joint pain: An immunohistochemical study of nerve elements and inflammatory cells (Abstract). 3d Congr Current Conc & Rec Adv of Back Pain, Amsterdam, The Netherlands 1989, p. 5.
37. Grönhagen-Riska C. Munuaiset ja verenpaineen säätely. *Duodecim* 1989; 105: 1355-62.
38. Grönhagen-Riska C. Näringsterapi för att förhindra progredierande njursvikt. *Fin Läkaresällsk Handl* 1989; 133: 220-8.
39. Grönhagen-Riska C, Honkanen E, Metsärinne K, Rosenlöf K, Tikkanen I, Fyhrquist F. Enalapril versus conventional antihypertensive treatment in diabetic nephropathy. Int Symp on Prevention in Nephrology, Antwerpen 1989.
40. Grönhagen-Riska C, Honkanen E, Rosenlöf K, Tikkanen I, Fyhrquist F. Resistance to erythropoietin treatment is reversed by desferrioxamine. In: Broe M de. Aluminum and iron overload, Hogrefe & Hjubert, Toronto, Canada 1989; pp. 56-61.
41. Grönhagen-Riska C, Saijonmaa O, Fyhrquist F. Erythropoietin (EPO) production in dialysis patients (Abstract). XXVIIIth Congr of the EDTA-ERA, Göteborg, Sweden 1989.
42. Grönhagen-Riska C, Teppo A-M. Antineutrophil cytoplasmic antibodies (ANCA) in vasculitis with renal involvement. *Sarcoidosis* 1989; 6: 80.
43. Grönhagen-Riska C, Teppo A-M, Helanterä A, Honkanen E. Cardiolipin antibodies in dialysis patients (Abstract). Meet of Scand Soc of Nephrology 1989, Turku, Finland.
44. Hakala M, Pettersson Tom, Tarkka M, Leirisalo-Repo M, Mattila T, Sutinen S. Favourable outcome of patients with rheumatoid arthritis operated on for chronic pericardial disease (Abstract). XIth World Congr of Cardiology 1989, Manila.
45. Honkanen E. Hematuria- ja proteinuriapotilaan tutkiminen terveystarkastuksessa (Abstract). *Lääketiede/Medicin* 89 1989; p. 597.
46. Honkanen E. Hematurian tasodiagnostiikka ja nefrologiset syyt (Abstract). *Lääketiede/Medicin* 89 1989; p. 516-17.
47. Honkanen E. Miksi dialyysipotilas tarvitsee nesterajoitusta? *Munuainen/Njuren* 1989; 4: 9-10.
48. Honkanen E. Omatoiminen dialyysihoido Helsingin yliopistollisessa keskussairaalassa. *Munuainen/Njuren* 1989; 1: 15-7.
49. Honkanen E, Grönhagen-Riska C, Teppo A-M, Hiltunen U. Clinical testing of a new, low-flux polysulfone membrane: Results of a 26-week study. *Blood Purif* 1989; 7: 240-6.
50. Honkanen E, Grönhagen-Riska C, Teppo A-M, Hiltunen U. Hemodialysis (HD) increases serum amyloid S (SAA) concentrations (Abstract). Nord Njurdaagar, Åbo 1989.
51. Honkanen E, Grönhagen-Riska C, Teppo A-M, Maury CPJ, Hiltunen U. Acute phase proteins during hemodialysis (HD) (Abstract). Conference on Newer Aspects in the Treatment of Renal Failure, Geneva 1989.
52. Honkanen E, Kala A-R, Grönhagen-Riska C. Clinical experiences on peritoneal equilibration test (PET) (Abstract). Nord Njurdaagar, Åbo 1989.
53. Honkanen E, Kontinen YT, Mussalo-Rauhamaa H, Vitamin A, E, retinol binding protein and zinc in rheumatoid arthritis. *Clin Exp Rheumatol* 1989; 7: 465-9.
54. Huttunen K, Grönhagen-Riska C, Fyhrquist F. Enalapril treatment of a nursing mother with slightly impaired renal function. *Clin Nephrol* 1989; 31: 278.
55. Hynynen M, Palojoki R, Heinonen J, Tikkanen I, Fyhrquist F. Atrial natriuretic factor during cardiopulmonary bypass: Diuretic, natriuretic and kaliuretic effect (Abstract). 11th Ann Meet Soc of Cardiovascular Anaesthesiologists, Seattle, WA, USA 1989.
56. Julkunen H, Jäntti J, Pettersson Tom. Thrombocytosis in systemic lupus erythematosus (Abstract). 2d Int Conf on Systemic Lupus Erythematosus, Singapore 1989.
57. Kaaja R, Julkunen H. LED ja raskaus. *Duodecim* 1989; 105: 507-15.
58. Kariniemi A-L, Pettersson Tom, Franssila K. Sytofaginen histiosytaarinen pannikulitti. *Duodecim* 1989; 105: 529-35.
59. Karppinen K, Honkanen T, Fyhrquist F. Enalapril in the treatment of moderate - severe cardiomyopathy, a one year prospective study (Abstract). Int Symp on ACE Inhibitors, London 1989; F26.
60. Kinnunen E, Kauppi M, Ketonen L, Sepponen R, Tanttu J, Kontinen YT, Isomäki H. Lowfield MRI in the evaluation of rheumatoid cervical spine. *Scand J Rheumatol* 1989; 18: 183.
61. Kinnunen E, Kontinen YT, Bergroth V, Kemppinen P. Immunological studies on patients with optic neuritis without evidence of multiple sclerosis. *Arch Neurol* 1989; 90: 43-52.
62. Kinnunen J, Ahovuo J, Edgren J, Pietilä J, Laasonen L, Terala E. Omnipaque™ and Gastrografin™ in gastrointestinal follow-through examinations. *Röntgen-Blätter* 1989; 42: 189-252.
63. Knorrung J von, Lepäntalo M, Fyhrquist F. Long-term prognosis of surgical treatment of renovascular hypertension. *J Intern Med* 1989; 225: 303-9.
64. Koivisto V, Putkonen A, Groop L. Mikroalbuminuria seulonta diabetespotilailla. *SLL/FLT* 1989; 44: 518-20.

65. Konttinen YT, editor. Potilasopas. Reumaliitto 1989.
66. Konttinen YT, editor. SLE potilasopas. Reumaliitto 1989.
67. Konttinen YT, Bergroth V, Kulomaa M, Nordström D, Segerberg-Konttinen M, Keinänen R, Kemppinen P, Hukkanen M, Grönblad M. Localization of lysozyme mRNA in rheumatoid synovial membrane by in situ hybridization. *Ann Rheum Dis* 1989; 48: 912-17.
68. Konttinen YT, Grönblad M, Bergroth V, Santavirta S, Antti-Poika I. Presence of platelet glycoprotein Ib and IIb-IIIa in inflammatory and non-inflammatory synovium. *J Rheumatol* 1989; 16: 578-4.
69. Konttinen YT, Grönblad M, Hukkanen M, Kinnunen E, Polak JM, Gibson S, Mapp P, Revell P, Blake D. Immunostaining of pain fibers in osteoarthritis (Abstract). *Symp on Pain in Osteoarthritis, Cancun, Mexico* 1989.
70. Konttinen YT, Grönblad M, Hukkanen M, Kinnunen E, Santavirta S, Polak JM, Gibson S, Mapp P, Revell P, Blake D, Rees R. Pain fibers in osteoarthritis - a review. *Semin Arthritis Rheum* 1989; 18, Suppl 2: 35-40.
71. Konttinen YT, Grönblad M, Korkala O, Tolvanen E, Polak JM. Immunohistochemical demonstration of subclasses of inflammatory cell active, collagen-producing fibroblasts in lumbar facet joint plical tissue. *Spine* 1989.
72. Konttinen YT, Hoikka V, Landtman M, Saari H, Santavirta S, Metsärinne K, Seegmiller JE. Alkaptonuria/ochronosis: A report of a case and a review of literature. *Clin Exp Rheumatol* 1989; 7: 435-44.
73. Konttinen YT, Jungell O, Bergroth V, Hampf G, Kemppinen P, Malmström M. PHA stimulation of peripheral blood lymphocytes in oral lichen planus. Abnormality localized between interleukin-2 receptor ligand formation and gamma-interferon secretion. *J Clin Lab Immunol* 1989; 28: 33-7.
74. Konttinen YT, Nykänen P, Nordström D, Saari H, Sandelin J, Santavirta S, Kouri T. DNA synthesis in prolyl 4-hydroxylase positive fibroblasts in situ in synovial tissue. An autoradiography-immunoperoxidase double labeling study. *J Rheumatol* 1989; 16: 339-45.
75. Konttinen YT, Santavirta S, Kauppi M, Iso-mäki H, Slätis P, Hämäläinen M, Sakaguchi M. Atlantoaxial laxity in rheumatoid arthritis. *Acta Orthop Scand* 1989; 60: 379-82.
76. Konttinen YT, Segerberg-Konttinen M, Guseva N, Keinonen M, Kirtava ZZ, Kaarela K, Molander G, Lehtinen K, Sorsa S. Subjective disease experience in Sjögren's syndrome. A computerized discrimination analysis. *Scand J Rheumatol* 1989; 18: 13-20.
77. Konttinen YT, Segerberg-Konttinen M, Szöcsik K, Guseva N, Malmström M, Tuominen S. Oral parameters for the diagnosis of Sjögren's syndrome. *Clin Exp Rheumatol* 1989; 7: 159-62.
78. Konttinen YT, Sorsa T, Grönblad M, Malmström M, Saari H, Segerberg-Konttinen M, Saito T. Cellular and molecular aspects of inflammation. *Proc Finn Dent Soc* 1989; 85: 95-107.
79. Laasonen L, Gripenberg M, Leskinen J, Skrifvars B, Edgren J. Progressive cystic bone lesions in systemic lupus erythematosus (SLE). *Scand J Rheumatol* 1989; 18: 183-7.
80. Lautenschlager I, Suni J, Ahonen J, Grönha-gen-Riska C, Ruutu P, Ruutu T, Tukiainen P. Detection of cytomegalovirus (CMV) by early antigen immunofluorescence test and by conventional tissue culture. *Eur J Clin Microbiol Infect Dis* 1989; 8: 610-3.
81. Lähdevirta J, Maury CPJ, Teppo A-M, Repo H. Raised levels of circulating tumour necrosis factor-alpha/cachectin in patients with acquired immunodeficiency syndrome: Pathogenetic implications (Abstract). *Vth Int Conf on AIDS, Montreal, Canada* 1989.
82. Mashkilleysen N, Konttinen YT, Visa K. Immigrant end resident inflammatory cells in perilesional and clinically uninvolved skin in pemphigus vulgaris. *Acta Derm Venereol* 1989; 69: 424-8.
83. Maury CPJ. Anaemia in rheumatoid arthritis: Role of cytokines. *Scand J Rheumatol* 1989; 18: 3-5.
84. Maury CPJ. Monitoring the acute phase response: Comparison of tumour necrosis factor (cachectin) and C-reactive protein responses in inflammatory and infectious diseases. *J Clin Pathol* 1989; 42: 1078-82.
85. Maury CPJ. Sytokiinit ja sekundaarinen anemia. *Duodecim* 1989; 105: 493-5.
86. Maury CPJ, Juvonen E, Lähdevirta J, Andersson LC. Mechanism of anaemia and cachexia in chronic inflammatory disease: Role of monokines (Abstract). *3d Interscience World Conf on Inflammation, Monte Carlo* 1989.
87. Maury CPJ, Lähdevirta J. Anaemia and lymphopenia in HIV infection: Relation to serum levels of tumor necrosis factor-alpha (Abstract). *Vth Int Conf on AIDS, Montreal, Canada* 1989; p. 611.
88. Maury CPJ, Partanen S, Juvonen E. Mechanism of anaemia in rheumatoid arthritis (Abstract). *Scand J Rheumatol* 1989; 18: 187.
89. Maury CPJ, Pettersson Tom. Detection of circulating tumor necrosis factor in systemic histiocytosis. *Br J Haematol* 1989; 71: 293-5.
90. Maury CPJ, Salo E, Pelkonen P. Elevated tumor necrosis factor in patients with Kawasaki disease. *J Lab Clin Med* 1989; 113: 651-4.
91. Maury CPJ, Salo E, Pelkonen P. Tumor necrosis factor in the circulation of patients with Kawasaki disease (Abstract). *Clin Rheumatol* 1989; 8: 42.
92. Maury CPJ, Teppo A-M. Cachectin/tumour necrosis factor alpha in the circulation of patients with rheumatic diseases. *Int J Tissue React* 1989; 11: 189-93.
93. Maury CPJ, Teppo A-M. Circulating tumor necrosis factor alpha (cachectin) in myocardial infarction. *J Intern Med* 1989; 225: 333-6.
94. Maury CPJ, Teppo A-M. Circulating tumor necrosis factor-alpha on patients with systemic lupus erythematosus (Abstract). *Clin Rheumatol* 1989; 8: 41-2.
95. Maury CPJ, Teppo A-M. Tumor necrosis factor in serum of patients with systemic lupus erythematosus. *Arthritis Rheum* 1989; 32: 146-50.
96. Maury CPJ, Teppo A-M. Tumour necrosis factor in the circulation of patients with rheumatic diseases (Abstract). *3d Interscience World Conf on Inflammation, Monte Carlo* 1989; p. 18.
97. Melander A, Bitzén P-O, Faber O, Groop L. Sulphonylurea antidiabetic drugs: An update on their clinical pharmacology and rational therapeutic use. *Drugs* 1989.
98. Metsärinne K. Renin substrate in human plasma and amniotic fluid (Dissertation). *Comment Phys Math Dissertationes* 1989; 103: 1-60.
99. Metsärinne K, Fyhrquist F, Rosenlöf K, Autero M, Pekonen F, Rutanen E-M. Renin substrate in human amniotic fluid. *Clin Chim Acta* 1989; 180: 221-30.
100. Metsärinne K, Fyhrquist F, Tötterman KJ, Tikkanen I. No effect of short-term angiotensin II infusion on plasma renin substrate levels in man. *J Clin Endocrinol Metab* 1989; 68: 386-91.
101. Metsärinne K, Tikkanen I, Grönha-gen-Riska C, Tötterman KJ, Fyhrquist F. Basal and exercise levels of plasma atrial natriuretic peptide in uraemic patients (Abstract). *XXVth Congr EDTA-ETRA, Göteborg, Sweden* 1989.
102. Nissinen A, Vinni S, Tuomilehto J, Fyhrquist F. Changes in blood pressure during the three first years of life (Abstract). *2d Int Conf on Preventive Cardiology, Washington, DC* 1989.
103. Nordström D. Cellular inflammation in arthritis. A study of clinical, histological and immunological aspects in rheumatoid and reactive arthritis (Dissertation). *Comment Phys Math Dissertationes* 1989; 105: 1-120.
104. Nordström D. DNA synthesis in CD4 and CD8 positive cells in reactive and rheumatoid arthritis. *Rheumatol Int* 1989; 7: 67-70.
105. Nordström D, Konttinen YT. Reactive arthritis - an update. *Biomed Pharmacother* 1989; 43: 773-4.
106. Nyländén P, Törnroth T, Grönha-gen-Riska C. Renal changes in transplant (Tx) patients on cyclosporin (CyA) treatment (Abstract). *Meet Scand Soc Nephrol, Turku, Finland* 1989.
107. Pettersson Tom. Nivelnesteen, pleuranesteen ja likvorin tutkiminen. *Moodi* 1989; 13: 198-200.
108. Pettersson Tom, Kariniemi A-L, Franssila K. Treatment of cytophagic histiocytic panniculitis with combination chemotherapy. *Eur J Haematol* 1989.
109. Piirainen H, Helve T, Törnroth T, Pettersson Tom. Amyloidosis in connective tissue disease. *Scand J Rheumatol* 1989; 18: 165-8.
110. Reunanen A, Bergman U, Borch-Johnsen K, Damsgaard E-M, Groop P-H, Hreidarsson A, Klaukkala T, Midthjell K. Variation in occurrence of type 2 diabetes in the Nordic countries. *EDES 24th Scient Meet, Belgium* 1989.
111. Rosenlöf K, Grönha-gen-Riska C, Sovijärvi A, Honkanen E, Tikkanen I, Ekstrand A, Piirilä P, Fyhrquist F. Beneficial effects of erythropoietin on haematological parameters, aerobic capacity and body fluid composition in patients on haemodialysis. *J Intern Med* 1989; 226: 311-7.
112. Saari H, Konttinen YT. Determination of synovial fluid hyaluronate concentration and polymerization by high performance liquid chromatography. *Ann Rheum Dis* 1989; 48: 565-70.
113. Saari H, Konttinen YT, Santavirta S. Synovial fluid hyaluronic acid: A study using high pressure liquid chromatography with size exclusion column. *Med Sci Res* 1989; 17: 99-101.
114. Saari H, Konttinen YT, Sorsa T, Friman C. Hyaluronic acid (HA) as a marker for disease activity, morning stiffness and oxygen free radical (ODFR) induced damage in RA. *Scand J Rheumatol* 1989; 18: 183-7.

115. Saari H, Konttinen YT, Sorsa T, Nordström D, Honkanen V. Hyaluronaatti nivelreumassa aamujäykkyyden aiheuttajana ja happiradikaalivaurion indikaattorina. *Finn J Orthop Traumatol* 1989; 12(2): 173-7.
116. Saari H, Konttinen YT, Tulamo R-M, Antti-Poika I, Honkanen V. Concentration and degree of polymerization in equine synovial fluid. *Am J Vet Res* 1989; 50(12): 2060-3.
117. Saari H, Sorsa T, Konttinen YT. Oxygen derived free radical (ODFR) induced depolymerization of synovial fluid hyaluronic acid (SF-HA) (Abstract). 3d Int World Conf on Inflammation, Antirheumatics, Analgesics, Immunomodulators, Monte Carlo 1989; p. 348.
118. Saari H, Sorsa T, Konttinen YT, Friman C. Reaktiiviset happiyhdisteet ja nivelneesten hyaluronaatti. *Finn J Orthop Traumatol* 1989; 12 (3): 295-300.
119. Salminen K, Tikkanen I, Saijonmaa O, Nieminen M, Fyhrquist F, Frick MH. Modulation of coronary tone in acute myocardial infarction by endotelin. *Lancet* 1989; II: 747.
120. Saloranta C, Eriksson J, Widén E, Groop L. The glucose-fatty acid cycle is not responsible for the insulin resistance seen in first-degree relatives of NIDDM patients (Abstract). *Acta Endocrinol* 1989; 120, Suppl 2: 29(A54).
121. Saloranta C, Groop L. Effect of plasma FFA level on glucose and FFA metabolism in NIDDM (Abstract). *Diabetes* 1989; 38, Suppl 2: 223A.
122. Saloranta C, Taskinen M-R, Groop L. Non-esterified fatty acids and hepatic glucose production in type 2 (non-insulin-dependent) diabetes. *Diabetologia* 1989; 32: 536A.
123. Santavirta S, Konttinen YT, Nordström D, Bergroth V, Antti-Poika I, Eskola A. Immune-inflammatory response in infected arthroplasties. *Acta Orthop Scand* 1989; 60: 116-8.
124. Santavirta S, Konttinen YT, Tallroth K, Eskola A, Bergroth V, Lindholm TS. Agres-siivinen granulomatoosi lonkka-artroplastiassa kliinisessä immunopatologisena ilmiönä. *Finn J Orthop Traumatol* 1989; 12: 231-3.
125. Scheinin T, Groop L, Koskimies S, Konttinen S. Insulin responses in patients with insulin-dependent diabetes mellitus. *Autoimmunity* 1989; 4: 59-68.
126. Segerberg M. The diagnosis of Sjögren's syndrome. Histopathological and immunological studies (Dissertation). Helsinki 1989.
127. Sinisalo M, Aro A, Ebeling P, Groop P-H, Koivisto V. Effect of guar gum on zinc and magnesium status of diabetic patients. *Trace Elements in Med* 1989; 6: 12-17.
128. Slätis P, Santavirta S, Sandelin J, Konttinen YT. Vertical subluxation of the odontoid process in rheumatoid cervical spine. *J Bone Joint Surg (Am)* 1989; 71: 189-95.
129. Sorsa T, Konttinen YT, Lauhio A, Saari H, Suomalainen K, Lindy S. Gold(I) compounds and human neutrophil collagenase. *J Rheumatol* 1989; 16(7): 1009-10.
130. Sorsa T, Konttinen YT, Saari H, Lauhio A, Kankaanpää U, Vauhkonen M, Suomalainen K, Lindy S. Reumaattisen nivelkudoksen kollageenin solualkuperä ja toimintamekanismi. *Finn J Orthop Traumatol* 1989; 12(3): 307-8.
131. Sorsa T, Saari H, Konttinen YT, Suomalainen K, Lindy S. The effect of oxygen radicals and gold (I) compounds on human neutrophil collagenase (Abstract). 19th FEBS Meet, Rome 1989; p. 186.
132. Sorsa T, Saari H, Konttinen YT, Uitto V-J, Lindy S. Human neutrophil collagenase and oxygen derived free radicals. *N Engl J Med* 1989; 321: 327-8.
133. Sorsa T, Suomalainen K, Konttinen YT, Saari H, Lindy S, Uitto V-J. Identification of proteases capable of further degrading native 3/4 and 1/4 collagen fragments generated by collagenase. *Proc Finn Dent Soc* 1989; 85: 3-11.
134. Syrjänen J, Teppo A-M, Valtonen VV, Iivainen M, Maury CPJ. Acute phase response in cerebral infarction. *J Clin Pathol* 1989; 42: 63-68.
135. Tallroth K, Eskola A, Santavirta S, Konttinen YT, Lindholm TS. Aggressive granulomatous lesions in hip arthroplasty. *J Bone Joint Surg (Br)* 1989; 71B: 571-5.
136. Tikkanen I, Fyhrquist F. Endotelini. *Duodecim* 1989; 105: 1567-70.
137. Tikkanen I, Hynynen M, Salmenperä M, Harjula A, Fyhrquist F, Heinonen J. Atrial transmural pressure is the main determinant of atrial natriuretic peptide (ANP) release during cardiac tamponade in pigs (Abstract). XXXI Int Congr of Physiol Sciences, Helsinki 1989.
138. Tikkanen I, Leinonen H, Näveri H, Sovijärvi A, Fyhrquist F. Basal and exercise plasma levels of atrial natriuretic peptide and noradrenaline in congestive heart failure. In: Kaufmann W, Wambach G, editors. *Endocrinology of the Heart*, Springer, München 1989; pp. 186-8.
139. Tikkanen I, Metsärinne K, Grönhagen-Riska C, Fyhrquist F. Plasma level of atrial natriuretic peptide as an indicator of cardiac state in uraemic patients (Abstract). Meet of the Scand Soc of Nephrology, Turku, Finland 1989.
140. Tikkanen I, Tikkanen T, Sariola H, Svartström-Fraser M, Fyhrquist F. Attenuated diuretic and natriuretic effect of atrial natriuretic peptide (ANP) in rats with heart failure. In: Brenner BM, Laragh JG, editors. *Progress in Atrial Peptide Research*, Am Soc Hypertension Series Vol 3, Raven Press, New York 1989.
141. Tikkanen T. Atrial natriuretic peptide in experimental heart failure (Dissertation). Comment Phys Math Dissertationes 1989; 106: 1-86.
142. Tikkanen T. Effects of captopril and NaCl loading on plasma atrial natriuretic peptide (ANP) in rats with chronic heart failure. *Scand J Clin Lab Invest Diss* 25 1989; 49: 113-20.
143. Tikkanen T, Tikkanen I, Sariola H, Svartström-Fraser M, Fyhrquist F. Attenuated diuretic and natriuretic effect of atrial natriuretic peptide (ANP) in rats with heart failure. *Horm Metab Res* 1989; 21: 185-8.
144. Tsai V, Bergroth V, Zvaifler N. Dendritic cells in health and disease. *J Autoimmunity* 1989; Suppl 2: 33-4.
145. Widén E, Franssila-Kallunki A, Ekstrand A, Eriksson J, Groop L. Short-term insulin therapy does not result in a sustained improvement of glycemic control in patients with NIDDM (Abstract). *Acta Endocrinol* 1989; 120; Suppl 2: 37 (A70).
146. Widén E, Franssila-Kallunki A, Schalin C, Groop P-H. What is the treatment of choice for secondary drug failure in NIDDM? (Abstract). *Diabetes* 1989; 38, Suppl 2: 323 (81A).
147. Ylinen K, Grönhagen-Riska C, Honkanen E, Kuhlback B. Survival of amyloidosis patients in dialysis (Abstract). Meet of the Scand Soc of Nephrology, Turku, Finland 1989.

1990

1. Andersson S, Hallman M, Tikkanen I, Fyhrquist F. Birth stress increases fetal atrial natriuretic factor (Abstract). *Am J Obstet Gynecol* 1990; 3: 872-5.
2. Antti-Poika I, Soini J, Tallroth K, Yrjönen T, Konttinen YT. Clinical relevance of discography combined with CT scanning. *J Bone Joint Surg (Br)* 1990; 72B: 480-5.
3. Bonadonna RC, Groop L, Kramer N, Ferrannini E, DelPrato S, DeFronzo RA. Obesity and insulin resistance in man. A dose response study. *Metabolism* 1990; 39: 452-9.
4. Eklund B, Honkanen E, Kala A-R. Catheter configuration and outcome in CAPD patients (Abstract). Vth Congr Int Soc Perit Dial, Kyoto, Japan 1990; SS-07-04.
5. Ekstrand A, Ahonen J, Grönhagen-Riska C, Groop L. What causes diabetes secondary to steroid therapy - insulin resistance, insulin deficiency, or both? (Abstract). *Kidney Int* 1990; 37: 1384.
6. Ekstrand A, Groop L, Pettersson E, Grönhagen-Riska C, Laasonen E, Ahonen J. Hur påverkar njurtransplantation diabetesjukdomens förlopp? *Fin Läkaresällsk Handl* 1990; 134: 25-30.
7. Ekstrand A, Grönhagen-Riska C, Ahonen J, Groop L. Reversal of steroid-induced insulin resistance by a nicotinic acid derivative in man (Abstract). *Kidney Int* 1990; 37: 1389.
8. Ekstrand A, Pettersson E, Grönhagen-Riska C, Laatikainen L, Laasonen E, Matikainen E, Ahonen J, Groop L. Three year follow up of type 1 diabetic patients after kidney transplantation (Abstract). *Diabetologia* 1990; 33.
9. Eriksson J, Ekstrand A, Franssila-Kallunki A, Saloranta C, Schalin C, Widén E, Groop L. Do relatives of type 2 diabetics develop diabetes because they are obese or do they develop obesity because they are diabetics? (Abstract). *Diabetologia* 1990; 33.
10. Eriksson J, Häggblom M, Forsén B, Teppo A-M, Groop L. Characterization of NIDDM and IDDM in a defined geographical population in Western Finland (Abstract). *Acta Endocrinol* 1990; 122, Suppl 3: 13 (A22).
11. Eriksson J, Melander A, Groop L. Acetylsalicylic acid improves basal and first-phase insulin secretion in non-insulin dependent diabetics (Abstract). *Acta Endocrinol* 1990; 122, Suppl 3: 13 (A21).
12. Franssila-Kallunki A, Ekstrand A, Rissanen A, Blomqvist A-C, Saarinen H, Groop L. Comparison of four different methods for the measurement of body composition (Abstract). *Acta Endocrinol* 1990; 122, Suppl 3: 15.
13. Franssila-Kallunki A, Schalin C, Ekstrand A, Saloranta C, Eriksson J, Groop L. The myth of insulin resistance associated with aging (Abstract). *Diabetologia* 1990; 33.
14. Friman C, Saari HT, Konttinen YT, Sorsa T. Myeloperoxidase/hypochlorous acid (MPO/HClO) induced depolymerization of synovial fluid (SF) hyaluronate: Fact or artefact? (Abstract). *Scand J Rheumatol* 1990; 15, Suppl 85.
15. Fyhrquist F, Saijonmaa O, Metsärinne K, Sirviö M-L. Atrial natriuretic peptide (ANP) and nitroglycerin reduce endothelin secretion from cultured endothelial cells (Abstract). *Am J Hypertens* 1990; 3(5, part 2): 90.
16. Fyhrquist F, Saijonmaa O, Metsärinne K,

- Tikkanen I, Rosenlöf K, Tikkanen T. Raised plasma endothelin I concentration following cold pressor test. *Biochem Biophys Res Comm* 1990; 169: 217-21.
17. Fyhrquist F, Sirviö M-L, Metsärinne K, Saijonmaa O. Predominant pulmonary uptake of labeled endothelin (ET) in the rat suggests detoxifying role for the lungs (Abstract). *Am J Hypertens* 1990; 3(5, part 2): 90.
 18. Groop L. Voidsaanko diabeettista nefropatiaa ehkäistä? *Duodecim* 1990; 106: 695-703.
 19. Groop L, Bonadonna R, DelPrato S, Ratheiser K, DeFronzo R. Effect of prolonged overnight fasting on energy metabolism in non-insulin-dependent diabetic and non-diabetic subjects. *Acta Endocrinol* 1990; 123: 30-6.
 20. Groop L, Groop P-H, Stenman S. Combined insulin-sulfonylurea therapy in treatment of NIDDM. *Diabetes Care* 1990; 13, Suppl 3: 47-52.
 21. Groop L, Koranyi L, Eriksson J, Schalin C. Insulin resistance in NIDDM is not associated with a defect in the expression of insulin-responsive glucose transporter mRNA (GLUT 4) in human skeletal muscle (Abstract). *Diabetes* 1990; 39, Suppl 1: 12A.
 22. Groop L, Koranyi L, Eriksson J, Schalin C, Permutt A. Expression of insulin-responsive glucose transporter mRNA in skeletal muscle of patients with type 2 diabetes (Abstract). *Diabetologia* 1990; 33.
 23. Groop L, Mäkipernaa A, Stenman S, DeFronzo R, Teppo A-M. Urinary excretion of kappa light chains in patients with diabetes mellitus. *Kidney Int* 1990; 37: 1120-5.
 24. Groop L, Schalin C, Franssila-Kallunki A, Widén E, Eriksson J. Sulfonylurea failure in non-insulin-dependent diabetes mellitus. *Am J Med* 1990; 88: 446.
 25. Groop L, Stenman S, Groop P-H, Mäkipernaa A, Teppo A-M. The effect of exercise on urinary excretion of different size proteins in patients with insulin-dependent diabetes mellitus. *Scand J Clin Lab Invest* 1990; 50: 525-32.
 26. Groop L, Uusitupa M. Aikuistyyppin diabeteksen lääkehoito. *Duodecim* 1990; 106: 759-65.
 27. Grönhagen-Riska C. ACE-hämmäryksen vaikutus nälkäfunktion. *Nord Med* 1990; 105: 219-22.
 28. Grönhagen-Riska C. Diabeettisen nefropatian kliininen kulku ja ennuste (Abstract). *Lääketiede/Medicin* 90, 1990, Helsinki.
 29. Grönhagen-Riska C, Honkanen E, Metsärinne K, Rosenlöf K. ACE inhibition versus beta-blockade in antihypertensive therapy of diabetic (type 1) nephropathy (Abstract). *Nephrol Dial Transplant* 1990; 5: 672.
 30. Grönhagen-Riska C, Honkanen E, Metsärinne K, Rosenlöf K, Tikkanen I, Tikkanen T, Fyhrquist F. ACE inhibition versus conventional antihypertensive treatment (beta-blockade) in diabetic nephropathy (Abstract). *Am Soc Hypert 5th Meet*, New York, USA 1990.
 31. Grönhagen-Riska C, Honkanen E, Metsärinne K, Rosenlöf K, Tikkanen I, Tikkanen T, Fyhrquist F. ACE inhibition versus conventional antihypertensive treatment (beta-blockade) in diabetic nephropathy (Abstract). *Am J Hypertens* 1990; 3: 37A.
 32. Grönhagen-Riska C, Honkanen E, Rosenlöf K, Tikkanen I, Fyhrquist F. Resistance to erythropoietin treatment is reversed by desferrioxamine (Abstract). In: Marc E, Broe E de, editors. *Aluminum and Iron Overload in Haemodialysis*, Hogrefe & Huber, Toronto 1989; pp. 56-61.
 33. Grönhagen-Riska C, Teppo A-M, Helanterä A, Honkanen E. Cardioliipin antibodies in dialysis patients (Abstract). *Kidney Int* 1990; 37: 1382.
 34. Grönhagen-Riska C, Teppo A-M, Helanterä A, Honkanen E, Julkunen H. Raised concentrations of antibodies to cardioliipin in patients receiving dialysis. *Br Med J* 1990; 300: 1696-7.
 35. Grönhagen-Riska C, Willebrand E von, Honkanen E, Laasonen L, Törnroth T. Interstitial cellular infiltration detected by fine-needle aspiration biopsy in nephritis. *Clin Nephrol* 1990; 34: 189-96.
 36. Grönhagen-Riska C, Willebrand E von, Tikkanen I, Honkanen E, Miettinen A, Holtöfer R, Törnroth T. The effect of cyclosporin A on the interstitial mononuclear cell infiltration and the induction of Heymann's nephritis. *Clin Exp Immunol* 1990; 79: 266-72.
 37. Helin K, Tikkanen I, Sybertz EJ, Vemulapalli S, Sariola H, Näveri H, Fyhrquist F. High plasma atrial natriuretic peptide (ANP) levels in chronic heart failure are further elevated by SCH 39370, a neutral metalloendopeptidase (NEP) inhibitor (Abstract). 16th Progr Rep Meet, Finnish Cardiac Soc, Helsinki 1990.
 38. Honkanen E. Akuutit vaskulaariset munuaisten toimintahäiriöt (Abstract). *Lääketiede/Medicin* 90; 1990; p. 289.
 39. Honkanen E. Etenevän munuaisten vajaatoiminnan dieettihoito (Abstract). *Lääketiede/Medicin* 90; 1990; p. 350-1.
 40. Honkanen E. Virtsainfektoiden hoito ja esto (Abstract). *Suom gynekol.yhd. urogynekologinen postgraduaattikurssi* 1990.
 41. Honkanen E, Eklund B, Laasonen L, Ylinen K, Grönhagen-Riska C. Reposition of a displaced peritoneal catheter: The Helsinki whirlash method. In: Khanna R, Nolph KD, Prowant BF, Twardofski ZJ, Oreopoulos DG. *Advances in peritoneal dialysis*, Dallas Texas, Toronto Peritoneal Dialysis Bull Inc 1990; 6: 159-64.
 42. Honkanen E, Eklund B, Ylinen K, Grönhagen-Riska C. Reposition of a displaced peritoneal catheter: The Helsinki whirlash method (Abstract). *Perit Dial Int* 1990; 10, Suppl 1: 79.
 43. Honkanen E, Grönhagen-Riska C, Teppo A-M, Maury CPJ. Serum amyloid-A (SAA) during hemodialysis (Abstract). *Nephrol Dial Transplant* 1990; 5: 724.
 44. Honkanen E, Grönhagen-Riska C, Teppo A-M, Maury CPJ. Serum amyloid-A (SAA) during hemodialysis (Abstract). XIIIth Congr of the EDTA, Vienna 1990.
 45. Honkanen E, Grönhagen-Riska C, Teppo A-M, Maury CPJ, Hiltunen U. Hemodialysis (HD) increases serum amyloid A (SAA) concentrations (Abstract). *Kidney Int* 1990; 37: 1386.
 46. Honkanen E, Kala A-R, Grönhagen-Riska C. Clinical experiences on peritoneal equilibration test (PET) (Abstract). *Kidney Int* 1990; 37: 1385.
 47. Honkanen VEA, Pelkonen P, Konttinen YT, Mussalo-Rauhamaa H, Lehto J, Westermark T. Serum cholesterol and vitamins A and E in juvenile chronic arthritis. *Clin Exp Rheumatol* 1990; 8: 187-91.
 48. Hynynen M, Harjula A, Salmenperä M, Tikkanen I, Fyhrquist F, Mattila S. Plasma atrial natriuretic factor concentration in a heart-lung transplant recipient. *J Heart Transplant* 1990; 9: 444-6.
 49. Hynynen M, Olkkola KT, Palojoki R, Tikkanen I, Fyhrquist F. Pharmacokinetics of atrial natriuretic factor during cardiopulmonary bypass (Abstract). 12th Ann Meet Soc for Cardiovascular Anesthesiologists, Orlando, Florida 1990.
 50. Hynynen M, Salmenperä M, Harjula ALJ, Tikkanen I, Fyhrquist F, Heinonen J. Atrial pressure and hormonal and renal responses to acute cardiac tamponade. *Ann Thorac Surg* 1990; 49: 632-7.
 51. Härmä M, Rautio J, Asko-Seljavaara S, Laasonen L. Suitability of the scapular flap for reconstructions of the foot (Abstract). *Congr Eur Ass of Plastic Surgeons*, Strasbourg, France 1990.
 52. Janin A, Konttinen YT, Grönblad M, Karhunen P, Gosset D, Malmström M. Fibroblast markers in labial salivary gland biopsies in progressive systemic sclerosis. *Clin Exp Rheumatol* 1990; 8: 237-42.
 53. Juvonen E, Ikkala E, Fyhrquist F, Ruutu T. Autosomal dominant erythrocytosis caused by increased sensitivity to erythropoietin. *Blood* 1990.
 54. Kinnunen J, Saarinen O, Ahovuo J, Edgren J, Laasonen L, Pietilä J. Urography with spasmolytics. *Röntgen B1* 1990; 43: 20-3.
 55. Klockars M, Pettersson Tom, Fröseth B, Selroos O, Stenman U-H. Concentration of tumor-associated trypsin inhibitor (TATI) in pleural effusions. *Chest* 1990; 98: 1159-64.
 56. Klockars M, Pettersson Tom, Vilja P, Essen R von. Synovial fluid ferritin, lactoferrin and adenosine deaminase in rheumatic diseases. *Br J Rheumatol* 1990; 29: 318-9.
 57. Konttinen YT, Essen R von, Grönblad M, Vahvanen V, Santavirta S, Antti-Poika I, Hämäläinen M. Fibroblasts in synovitis in rheumatoid arthritis but not in noninflammatory synovial tissue in meniscus lesions express the carboxyterminal domain of procollagen type I. *Am J Clin Pathol* 1990; 93: 340-6.
 58. Konttinen YT, Grönblad M, Antti-Poika I, Seitsalo S, Santavirta S, Hukkanen M, Polak JM. Neuroimmunohistochemical analysis of peridiscal nociceptive neural elements. *Spine* 1990; 15: 385-6.
 59. Konttinen YT, Grönblad M, Korkkala O, Tolvanen E, Polak JM. Immunohistochemical demonstration of subclasses of inflammatory cells and active, collagen-producing fibroblasts in the synovial plicae of lumbar facet joints. *Spine* 1990; 15: 387-90.
 60. Konttinen YT, Hukkanen M, Segerberg M, Rees E, Kempainen P, Sorsa T, Saari H, Polak JM, Santavirta S. Normaalin ja tulehduksellisen nivelkalvon hermostus konfokaalisella laser scanning image-analyysillä ja APAAB-ABC kaksoisvärjäyksellä tutkituna (Abstract). *SOT* 1990; 13: 393-7.
 61. Konttinen YT, Kinnunen E, Kempainen P, Juntunen J, Koskenvuo M. Lymphocytic activation in discordant multiple sclerosis twin pairs. *J Neuroimmunol* 1990; 27: 1-8.
 62. Konttinen YT, Kulomaa M, Segerberg-Konttinen M, Nordström D, Keinänen R, Grönblad M, Malmström M. Localization of lysozyme mRNA in the labial salivary glands by in situ hybridization in Sjögren's syndrome. *Scand J Dent Res* 1990; 98: 318-25.
 63. Konttinen YT, Michelsson J-E, Tolvanen WE, Bergroth V. Primary inflammatory reaction in synovial fluid and tissue in rabbit im-

- mobilization osteoarthritis. *Clin Orthop* 1990; 260: 280-6.
64. Konttinen YT, Pettersson Tom, Kemppinen P, Friman C. Spontaneous and in vitro activation of synovial fluid and peripheral blood lymphocytes in rheumatoid arthritis. *Clin Rheumatol* 1990; 9: 325-32.
 65. Konttinen YT, Saari H, Honkanen VEA, Szocsik K, Mussalo-Rauhamaa H, Tulensalo R, Friman C. Serum baseline hyaluronate and disease activity in rheumatoid arthritis. *Clin Chim Acta* 1990; 193: 39-48.
 66. Konttinen YT, Santavirta S, Grönblad M, Kauppi M, Sakaguchi M, Hämäläinen M, Michelsson J-E, Polak JM, Dahl DA. Retrospective clinical and neuroimmunohistochemical study of rheumatoid arthritic patients with atlanto-axial subluxation. *Scand J Rheumatol* 1990; 19: 43-9.
 67. Konttinen YT, Tuominen S, Segerberg-Konttinen M, Jungell P, Malmström MJ, Grönblad M, Guven O, Santavirta S, Panula P. Mast cells in the labial salivary glands of patients with Sjögren's syndrome: A histochemical, immunohistochemical and electron microscopical study. *Ann Rheum Dis* 1990; 49: 685-9.
 68. Laasonen L, Gripenberg M, Leskinen R, Skrifvars B, Edgren J. A subset of systemic lupus erythematosus with progressive cystic bone lesions. *Ann Rheum Dis* 1990; 49: 118-20.
 69. Laasonen L, Saarinen O. Konventionaalinen röntgendiagnostiikka perifeerisissä artriiteissa (Abstract). *Reumakurssi*, Helsinki 1990.
 70. Laasonen L, Saarinen O. Munuaisten parenkymisairaudet ultraäänessä (Abstract). *Suom Lääket-Biol ultraääniseur kevätkok* 1990.
 71. Leinonen H, Näveri H, Tikkanen I, Sovijärvi A, Fyhrquist F. Response of plasma natriuretic peptide and catecholamines to dynamic exercise in patients with dilated cardiomyopathy (Abstract). *Xth World Congr of Cardiology*, Manila 1990.
 73. Maury CPJ. β -2-microglobulin amyloidosis. A systemic amyloid disease affecting primarily synovium and bone in long-term dialysis patients. *Rheumatol Int* 1990; 10: 1-8.
 75. Maury CPJ. Isolation and characterization of cardiac amyloid in familial amyloid polyneuropathy type IV (Finnish): Relation of the amyloid protein to variant gelsolin. *Biochim Biophys Acta* 1990; 1096: 84-6.
 74. Maury CPJ, Alli K, Baumann M. Finnish hereditary amyloidosis. Amino acid sequence homology between the amyloid fibril protein and human plasma gelsolin. *FEBS Letters* 1990; 260: 85-7.
 75. Maury CPJ, Kere J, Tolvanen R, Chapelle A de la. Finnish hereditary amyloidosis is caused by a single nucleotide substitution in the gelsolin gene. *FEBS Letters* 1990; 276: 75-7.
 76. Maury CPJ, Lähdevirta J. Circulating cytokine levels in AIDS: Correlation with haematological abnormalities (Abstract). *J Intern Med* 1990; Suppl 733: 45.
 77. Maury CPJ, Lähdevirta J. Correlation of serum cytokine levels with haematological abnormalities in human immunodeficiency virus infection. *J Intern Med* 1990; 227: 253-7.
 78. Maury CPJ, Lähdevirta J. Gelsolin-related amyloidosis: Immunohistochemical studies in Finnish hereditary amyloidosis (Abstract). *Vth Int Symp on Amyloidosis* 1990.
 79. Metsärinne K, Julkunen H, Pettersson Tom, Laasonen L, Friman C. Echocardiographic findings in SLE patients (Abstract). *XXIIIrd Scand Congr of Rheumatology*, Tampere, Finland 1990.
 80. Metsärinne K, Pekonen F, Fyhrquist F. Localization of renin substrate in fetoplacental tissue. *Acta Endocrinol* 1990; 123: 113-7.
 81. Metsärinne K, Saijonmaa O, Fyhrquist F. No effect of exercise on plasma endothelin levels in man (Abstract). *XIIth Congr of Eur Soc of Cardiology*, Stockholm 1990.
 82. Nordström D. DNA synthesis in CD4-positive and CD8-positive cells in synovial fluid of patients with reactive and rheumatoid arthritis (Abstract). *Clin Digest Series (Orthopedics)* 1990.
 83. Nordström D. Reaktiv artrit - patogenetiska aspekter. *Fin Läkaresällsk Handl* 1990; 134: 49-54.
 84. Nyländén P, Törnroth T, Grönhagen-Riska C. Renal changes in transplant patients on cyclosporin (CyA) treatment (Abstract). *Kidney Int* 1990; 37: 1384.
 85. Näveri H, Leinonen H, Sovijärvi A, Tikkanen I, Härkönen M. Increased skeletal muscle carnitine palmityl-transferase activity in congestive heart failure (Abstract). *XIth Congr of Eur Soc of Cardiology*, Stockholm 1990.
 86. Pesonen E, Merritt A, Heldt G, Sahn DJ, Elias W, Tikkanen I, Fyhrquist F, Andersson S. Correlation of patent ductus arteriosus shunting with plasma atrial natriuretic factor. Concentration in preterm infants with respiratory distress syndrome. *Pediatr Res* 1990; 27: 137-9.
 87. Pesonen E, Merritt A, Heldt G, Sahn DJ, Elias W, Tikkanen I, Fyhrquist F, Andersson S. Plasma atrial natriuretic factor concentration in preterm infants with respiratory distress syndrome. *Pediatr Res* 1990; 27: 137-9.
 88. Pettersson Tom, Friman C, Teppo L, Pukkala E, Franssila K. An association between SLE and lymphoma (Abstract). *XXIIIrd Scand Congr of Rheumatology*, Tampere, Finland 1990.
 89. Pettersson Tom, Gripenberg M, Molander G, Friman C. Severe immunological reaction induced by sulphasalazine. *Br J Rheumatol* 1990; 29: 239-40.
 90. Pettersson Tom, Kariniemi A-L, Franssila K. Treatment of cytophagic histiocytic panniculitis with combination chemotherapy. *Eur J Haematol* 1990; 44: 77-8.
 91. Pettersson Tom, Riska H, Fröseth B. Eosinophilic granulocytes and eosinophilic cationic protein in pleural effusion (Abstract). *35th Nord Congr on Pneumology*, Turku, Finland 1990.
 92. Pitkänen E, Pitkänen OM. 1,5-anhydro-D-glucitol - A novel type of sugar in the human organism. *Scand J Clin Lab Invest* 1990; 201: 55-62.
 93. Pitkänen E, Pitkänen OM. Plasma 1,5-anhydroglucitol in experimental galactosemia in the rat. *Experientia* 1990; 46: 85-7.
 94. Rautio J, Asko-Seljavaara S, Laasonen L, Härmä M. Suitability of the scapular flap for reconstructions of the foot. *Plast Reconstr Surg* 1990; 85: 922-8.
 95. Remes J, Tikkanen I, Fyhrquist F, Pyörälä K. Can atrial natriuretic peptide measurements be utilized in the diagnosis of heart failure? (Abstract). *XIIth Congr of Eur Soc of Cardiology*, Stockholm 1990.
 96. Remes J, Tikkanen I, Fyhrquist F, Pyörälä K. The value of plasma atrial natriuretic peptide measurements in the diagnosis of heart failure with insidious onset (Abstract). *XIth Congr of Eur Soc of Cardiology*, Stockholm 1990.
 97. Riddervold F, Forslund T, Endresen K, Simonsen S, Talseth T, Fyhrquist F. Hormonal changes during tilt and atrial pacing in heart transplant patients. *Transplant Proc* 1990; 22: 191-4.
 98. Roeder M, Eriksson J, Hartling S, Groop L, Binder C. Proinsulin response to a hyperglycaemic clamp in patients with type 2 diabetes mellitus and their relatives (Abstract). *Diabetologia* 1990; 33.
 99. Rosenlöf K, Fyhrquist F, Tenhunen R. Erythropoietin, aluminum and anaemia in patients on haemodialysis. *Lancet* 1990; i: 247-9.
 100. Saari H, Konttinen YT, Friman C, Sorsa T. Depolymerization of synovial fluid hyaluronate by reactive oxygen species (Abstract). *1st Int Congr on (ICOI) inflammation*, Barcelona, Spain 1990.
 101. Saari H, Konttinen YT, Sorsa T, Nordström D, Honkanen V. HPLC and ¹²⁵I-HAP found to be useful in determination of HA in RA (Abstract). *Acta Orthop Scand* 1990; 61, Suppl 1: 235: 42.
 102. Saari H, Sorsa T, Konttinen YT. Reactive oxygen species and hyaluronate in serum and synovial fluid in arthritis. *Int J Tissue React* 1990; XII(2): 81-9.
 103. Saari H, Suomalainen K, Lindy O, Konttinen YT, Sorsa T. Activation of latent human neutrophil collagenase by reactive oxygen species and serine proteases. *Biochem Biophys Res Comm* 1990; 171: 979-87.
 104. Saari H, Suomalainen K, Lindy O, Konttinen YT, Sorsa T. Activation of latent human neutrophil collagenase by reactive oxygen species and serine proteases (Abstract). *J Free Radic Biol Med* 1990; ??:?
 105. Saari H, Tulamo R-M, Konttinen YT, Sorsa T. Methylprednisolone acetate increases the concentration of hyaluronate and proteoglycans in healthy equine tarsocrural joint fluid (Abstract). *1st Int Congr on (ICOI) inflammation*, Barcelona, Spain 1990.
 106. Saari H, Tulamo R-M, Sorsa T, Halinen S, Konttinen YT, Isomäki H. Methylprednisoloniäsetaatti ja nivelruston proteoglykaanit. *Finn J Orthop Traumatol* 1990; 13: 400-3.
 107. Saijonmaa O, Ristimäki A, Fyhrquist F. Atrial natriuretic peptide, nitroglycerine, and nitroprusside reduce basal and stimulated endothelin production from cultured endothelial cells. *Biochem Biophys Res Comm* 1990; 173: 514-20.
 108. Salminen K, Nieminen M, Frick M, Tikkanen I, Fyhrquist F. Endotelin is an active modulator of coronary tone in acute myocardial infarction (Abstract). *XIth World Congr of Cardiology*, Manila 1990.
 109. Salminen K, Tikkanen I, Saijonmaa O, Nieminen M, Fyhrquist F, Frick MH. Endotelin modulates coronary tone in acute myocardial infarction (Abstract). *Progr Reports Meet, Finn Cardiac Soc*, Helsinki 1990.
 110. Saloranta C, Taskinen M-R, Widén E, Laakonen K, Groop L. Does overnight suppression of plasma non-esterified fatty acids (NEFA) reduce hepatic glucose production in type 2 diabetes? (Abstract). *Diabetologia* 1990; 33.
 111. Santavirta S, Sorsa T, Konttinen YT, Saari H, Nordström D, Eskola A, Eisen AZ. Kollageenaasi lonkan tekoniivelen irtoamisessa (SOT) (Abstract). *Finn J Orthop Traumatol* 1990; 13: 297-9.

112. Schalin C, Heikkinen S, Härkönen M, Groop L. Activation of muscle glycogen synthase and phosphofructokinase by insulin in first-degree relatives of patients with NIDDM (Abstract). *Diabetes* 1990; 39, Suppl 1: 86A.
113. Sirviö M-L, Metsärinne K, Saijonmaa O, Fyhrquist F. Tissue distribution and half-life of ¹²⁵I-endotelin in the rat: Importance of pulmonary clearance. *Biochem Biophys Res Comm* 1990; 167: 1191-5.
114. Sorsa T, Saari H, Suomalainen K, Lindy O, Konttinen YT. Neutrofiilien kollageenaasin aktivaatio reaktiivisilla happiyhdisteillä ja semiproteaseilla (Abstract). *Finn J Orthop Traumatol* 1990; 13: 398-9.
115. Sorsa T, Suomalainen K, Helenius J, Lindy S, Saari H, Konttinen YT, Uitto V-J. Chlorhexidine prevents the oxidative activation of human neutrophilic collagenase. *N Engl J Med* 1990; 323: 133-5.
116. Sorsa T, Suomalainen K, Helenius J, Saari H, Lindy S, Konttinen YT, Uitto V-J. Chlorhexidine prevents autoactivation of collagenase by human neutrophil (Abstract). 1st Int Congr on (ICOI) inflammation, Barcelona, Spain 1990.
117. Sorsa T, Suomalainen K, Saari H, Konttinen YT, Lindy S, Uitto V-J. Ascorbate inhibits the hypochlorous acid induced activation of human neutrophil and gingival crevicular fluid collagenase (Abstract). 1st Int Congr on (ICOI) inflammation, Barcelona, Spain 1990.
118. Stenman S. Den svenska studielinjen i medicin. *Fin Läkareällsk Handl* 1990; 134: 129-35.
119. Stenman S, Laakkonen K, Wahlin-Boll E, Melander A, Groop L. Do high sulfonylurea doses paralyze the beta cell? (Abstract). *Acta Endocrinol* 1990; 122, Suppl 3: 35.
120. Tikkanen I, Helin K, Tikkanen T, Sybertz EJ, Vemulapalli S, Sariola H, Näveri H, Fyhrquist F. Elevation of plasma atrial natriuretic peptide in rats with chronic heart failure by SCH 3937, a neutral metalloendopeptidase inhibitor. 5th Scient Meet of the Am Soc of Hypertension, New York 1990.
121. Tikkanen I, Helin K, Tikkanen T, Sybertz EJ, Vemulapalli S, Sariola H, Näveri H, Fyhrquist F. Elevation of plasma atrial natriuretic peptide in rats with chronic heart failure by SCH 3937, a neutral metalloendopeptidase inhibitor. *J Pharm Exper Ther* 1990; 254: 641-5.
122. Tikkanen I, Lindgren L, Reissel E, Orko R, Salmela K, Fyhrquist F, Ahonen J. Atrial natriuretic peptide and plasma renin activity in diabetic and non-diabetic patients during renal transplantation. XXVIIth Congr EDTA, ERA Vienna 1990.
123. Tikkanen I, Metsärinne K, Grönhagen-Riska C, Fyhrquist F. Plasma level of atrial natriuretic peptide as an indicator of cardiac state in uraemic patients (Abstract). *Kidney Int* 1990; 37: 1382-3.
124. Tikkanen I, Metsärinne K, Grönhagen-Riska C, Fyhrquist F. Plasma level of atrial natriuretic peptide as an indicator of increased cardiac load in uremic patients. *Clin Nephrol* 1990; 34: 167-72.
125. Tulamo R-M, Saari H, Konttinen YT. Concentration of hyaluronate in equine serum. *Am J Vet Res* 1990; 51(5): 760-3.
126. Widén E, Ekstrand A, Saloranta C, Franssila-Kallunki A, Groop L. Morning or bedtime NPH insulin in combination with sulfonylurea in the treatment of NIDDM (Abstract). *Acta Endocrinol* 1990; 122, Suppl 3: 37 (A69).
127. Widén E, Eriksson J, Groop L. Metformin improves insulin sensitivity in normoglycemic insulin resistant individuals (Abstract). *Diabetologia* 1990; 33.
128. Widén E, Eriksson J, Groop L. Relationship between firstphase insulin secretion and insulin sensitivity (Abstract). *Acta Endocrinol* 1990; 122, Suppl 3: 37 (A70).
129. Ylinen K, Grönhagen-Riska C, Honkanen E, Kuhlback B. Survival of amyloidosis patients in dialysis (Abstract). *Kidney Int* 1990; 37: 1379.
- 1991**
- Eriksson J, Saloranta C, Widén E, Franssila-Kallunki A, Schalin-Jäntti C, Groop L. Non-esterified fatty acids do not contribute to insulin resistance in persons at increased risk of developing type 2 (non-insulin-dependent) diabetes mellitus. *Diabetologia* 1991; 34: 192-7.
 - Eronen M, Pesonen E, Wallgren EI, Tikkanen I, Fyhrquist F, Andersson S. Enalapril in children with congestive heart failure. *Acta Paediatr* 1991; 80: 555-8.
 - Franssila-Kallunki A, Rissanen A, Ekstrand A, Eriksson J, Saloranta C, Widén E, Schalin-Jäntti C, Groop L. Fuel metabolism in anorexia nervosa and simple obesity. *Metabolism* 1991; 40(8): 689-94.
 - Gripenberg M, Teppo A-M, Friman C. Antibodies to Sm and SS-A demonstrated by enzyme immunoassay. Correlation to clinical manifestations and disease activity in patients with systemic lupus erythematosus. *Rheumatol Int* 1991; 11: 209-13.
 - Groop L, Barzilai N, Ratheiser K, Luzi L, Wahlin-Boll E, Melander A, DeFronzo R. Dose dependent effects of glyburide on insulin secretion and glucose uptake in humans. *Diabetes Care* 1991; 14(8): 724-7.
 - Groop L, Bonadonna RC, Shank M, Petrides AS, DeFronzo R. Role of free fatty acids and insulin in determining free fatty acid and lipid oxidation in man. *J Clin Invest* 1991; 87: 83-9.
 - Groop L, Eriksson J, Ekstrand A, Franssila-Kallunki A, Saloranta C, Miettinen A. Metabolic characteristics of autoimmune diabetes mellitus in adults. *Diabetologia* 1991; 34: 46-51.
 - Groop L, Ratheiser K, Luzi L, Melander A, Simonson DC, Petrides A, Bonadonna RC, Widén E, DeFronzo RA. Effect of sulphonylurea on glucose-stimulated insulin secretion in healthy and non-insulin dependent diabetic subjects: A dose-response study. *Acta Diabetol* 1991; 28: 162-8.
 - Groop L, Saloranta C, Shank M, Bonadonna R, Ferrannini E, DeFronzo R. The role of free fatty acid metabolism in the pathogenesis of insulin resistance in obesity and non-insulin dependent diabetes mellitus. *J Clin Endocrinol Metab* 1991; 72: 96-107.
 - Groop L, Widén E. Treatment strategies for secondary sulfonylurea failure. Should we start insulin or add metformin? Is here a place for intermittent insulin therapy? *Diabetes Metab* 1991; 17: 218-25.
 - Grönblad M, Korkala O, Konttinen YT, Kuokkanen H, Liesi P. Immunoreactive neuropeptides in nerves in ligamentous tissue: An experimental neuroimmunohistochemical study. *Clin Orthop* 1991; 265: 291-6.
 - Grönblad M, Korkala O, Konttinen YT, Nedeström A, Hukkanen M, Tolvanen E, Polak JM. Silver impregnation and immunohistochemical study of nerves in lumbar facet joint plical tissue. *Spine* 1991; 16: 34-8.
 - Grönhagen-Riska C. Sattumalöydökseenä todettu proteinuria. *Duodecim* 1991; 107: 177-83.
 - Helin K, Tikkanen I, Tikkanen T, Saijonmaa O, Sybertz EJ, Vemulapalli S, Sariola H, Fyhrquist F. Prolonged neutral endopeptidase inhibition in heart failure. *Eur J Pharmacol* 1991; 198: 23-30.
 - Honkanen E, Fröseth B, Grönhagen-Riska C. Serum hyaluronic acid and procollagen III aminoterminal propeptide in chronic renal failure. *Am J Nephrol* 1991; 11: 201-6.
 - Honkanen E, Grönhagen-Riska C, Teppo A-M, Maury CPJ, Meri S. Acute phase proteins during hemodialysis. Correlation with serum interleukin-1-beta levels and different dialysis membranes. *Nephron* 1991; 57: 283-7.
 - Honkanen E, Kala A-R, Grönhagen-Riska C. Divergent etiology of CAPD peritonitis in integrated double bag systems? *Adv in Perit Dial* 1991; 7: 129-32.
 - Honkanen V. The factors affecting plasma glutathione peroxidase and selenium in rheumatoid arthritis: A multiple linear regression analysis. *Scand J Rheumatol* 1991; 20: 385-91.
 - Honkanen V, Konttinen YT, Sorsa T, Hukkanen M, Kemppinen P, Santavirta S, Saari H, Westermarck T. Serum zinc, copper and selenium in rheumatoid arthritis. *J Trace Elem Electrol Health Dis* 1991; 5: 13-7.
 - Honkanen V, Lamberg-Allardt C, Vestinen M, Lehto J, Westermarck T, Metsä-Ketelä T, Mussalo-Rauhamaa H, Konttinen Y. Plasma zinc and copper levels in rheumatoid arthritis, the influence of dietary factors and disease activity. *Am J Clin Nutr* 1991; 54: 1082-6.
 - Hukkanen M, Grönblad M, Rees R, Konttinen YT, Gibson S, Hietanen J, Polak JM, Brewerton D. Regional distribution of mast cells and peptide-containing nerves in normal and adjuvant arthritic rat synovium. *J Rheumatol* 1991; 18: 177-83.
 - Hynynen M, Ilmarinen R, Saijonmaa O, Tikkanen I, Fyhrquist F. Plasma endothelin during exposure to cold. *Lancet* 1991; 337: 1104-5.
 - Hynynen M, Palojoki R, Heinonen J, Tikkanen I, Harjula ALJ, Fyhrquist F. Renal and vascular effects of atrial natriuretic factor during cardiopulmonary bypass. *Chest* 1991; 100: 1203-9.
 - Häyrinen-Immonen R, Nordström D, Malmström M, Hietanen J, Konttinen YT. Immune-inflammatory cells in recurrent oral ulcers. *Scand J Dent Res* 1991; 99: 510-8.
 - Isoniemi H, Krogerus L, Willebrand E von, Taskinen E, Grönhagen-Riska C, Ahonen J, Häyry P. Renal allograft immunosuppression. VI. Triple drug therapy versus immunosuppressive double drug combinations: Histopathological findings in renal allografts. *Transplant Int* 1991; 4: 151-6.
 - Julkunen H, Kaaja R, Jouhikainen T, Teppo A-M, Friman C. Malignant hypertension and antiphospholipid antibodies as presenting features of SLE in a young woman using oral contraceptives. *Br J Rheumatol* 1991; 30: 471-2.
 - Julkunen H, Saijonmaa O, Grönhagen-Riska C, Teppo A-M, Fyhrquist F. Raised plasma concentrations of endothelin-1 in systemic lupus erythematosus. *Ann Rheum Dis* 1991; 50: 526-7.

28. Juvonen E, Ikkala E, Fyhrquist F, Ruutu T. Autosomal dominant erythrocytosis caused by increased sensitivity to erythropoietin. *Blood* 1991; 78: 3066-9.
29. Kaaja R, Julkunen H, Ämmälä P, Teppo A-M, Kurki P. Congenital heart block: Successful prophylactic treatment with intravenous gamma globulin and corticosteroid therapy. *Am J Obstet Gynecol* 1991; 165: 140-3.
30. Kauppi M, Konttinen YT, Honkanen V, Sakaguchi M, Hämäläinen M, Santavirta SA. Multivariate analysis of risk factors for anterior atlantoaxial subluxation and an evaluation of the effect of glucocorticoid treatment on the upper rheumatoid cervical spine. *Clin Rheumatol* 1991; 10: 413-8.
31. Konttinen YT, Lindy O, Kemppinen P, Saari H, Suomalainen K, Vauhkonen M, Lauhio A, Santavirta S, Sorsa T. Substrate specificity and activation mechanisms of collagenase from human rheumatoid synovia. *Matrix* 1991; 11: 395-405.
32. Konttinen YT, Michelsson J-E, Grönblad M, Jaakkola L, Honkanen V. Plasma hyaluronate levels in rabbit immobilization osteoarthritis: Effect of remobilization. *Scand J Rheumatol* 1991; 20: 392-6.
33. Konttinen YT, Saari H, Honkanen V, Szocsik K, Mussalo-Rauhamaa H, Friman C. Serum baseline hyaluronate and disease activity in rheumatoid arthritis. *Clin Chim Acta* 1991; 195: 39-47.
34. Konttinen YT, Saari H, Nordström DC. Effect of interleukin-1 on hyaluronate synthesis by synovial fibroblastic cells. *Clin Rheumatol* 1991; 10: 151-4.
35. Konttinen YT, Santavirta N, Honkanen V, Sandelin S, Schauman L, Grönblad M. SLE patient guide increases knowledge of the disease. *Ann Rheum Dis* 1991; 50: 900-2.
36. Konttinen YT, Santavirta S, Kauppi N, Moskovich R. The rheumatoid cervical spine. *Curr Opin Rheumatol* 1991; 3: 429-40.
37. Laasonen L. Luuston yleisäudit - osteoporoosi, osteomalasia, renaalinen osteodystrofia. *Radiologia* 1991; 299-303.
38. Leskinen R, Maury CPJ, Teppo A-M, Volin L, Ruutu T, Häyry P. Serum amyloid A levels in acute graft-versus-host disease in bone marrow transplant recipients. *APMIS* 1991; 99: 674-6.
39. Maury CPJ. Finnish amyloidosis: From protein to gene. *J Intern Med* 1991; 230: 193-4.
40. Maury CPJ. Från protein till gen: Den finländska amyloidosen. *Fin Läkaresällsk Handl* 1991; 135: 265-8.
41. Maury CPJ. Gelsolin-related amyloidosis. Identification of the amyloid protein in Finnish hereditary amyloidosis as a fragment of the actin-binding domain of variant gelsolin. *J Clin Invest* 1991; 87: 1195-9.
42. Maury CPJ. Gelsolin-related amyloidosis. Immunohistochemical studies in Finnish hereditary amyloidosis with antibodies against a synthetic dodecapeptide of the amyloidogenic region of gelsolin. In: Natvig JB et al. *Amyloid and amyloidosis*. Kluwer, Dordrecht, Netherlands 1991; pp. 414-7.
43. Maury CPJ. Immunohistochemical location of amyloid in Finnish hereditary amyloidosis with antibodies to gelsolin peptides. *Lab Invest* 1991; 64: 400-4.
44. Maury CPJ, Juvonen E, Lähdevirta J, Andersson LC. Mechanisms of anaemia and cachexia of chronic disease: Evidence for a role of interleukin-1 beta and tumour necrosis factor-alpha. *Eur J Intern Med* 1991; 2: 159-64.
45. Maury CPJ, Kere J, Baumann M, Chapelle A de la. Suomalaisen perinnöllisen amyloidosisin geenivirhe löydynt. *Duodecim* 1991; 107: 1344-5.
46. Metsärinne K. Endotelin. *Fin Läkaresällsk Handl* 1991; 135: 61-6.
47. Metsärinne K, Teppo A-M, Grönhagen-Riska C, Fyhrquist F. Increased plasma interleukin 6 and renin substrate levels during bacterial peritonitis in CAPD patients. *Clin Nephrol* 1991; 36: 104.
48. Mäkipernaa A, Koskimies O, Jääskeläinen T, Teppo A-M, Siimes MA. Renal growth and function 11-28 years after treatment of Wilms' tumour. *Eur J Pediatr* 1991; 150: 444-7.
49. Nohynek H, Teppo A-M, Laine E, Leinonen M, Eskola J. Serum tumor necrosis factor-alpha concentrations in children hospitalized for acute lower respiratory tract infection. *J Infect Dis* 1991; 163: 1029-32.
50. Pettersson Tom, Klockars M, Weber TH, Somer H. Diagnostic value of cerebrospinal fluid adenosine deaminase determination. *Scand J Infect Dis* 1991; 23: 97-100.
51. Pietilä K, Harmoinen A, Teppo A-M. Acute phase reaction, infarct size and in-hospital morbidity in myocardial infarction patients treated with streptokinase or recombinant tissue type plasminogen activator. *Ann Med* 1991; 23: 529-35.
52. Piirainen H. Mixed connective tissue disease: A ten-year follow-up study and the clinical significance of U1-RNP-antibodies (Dissertation). Helsinki 1991.
53. Remes J, Tikkanen I, Fyhrquist F, Pyörälä K. Neuroendocrine activity in untreated heart failure. *Br Heart J* 1991; 65: 249-55.
54. Rosenlöf K. Aluminium och uremisk anemi. *Fin Läkaresällsk Handl* 1991; 135: 75-9.
55. Saari H, Konttinen YT, Nordström D. Effect of joint mobilization on serum hyaluronate. *Ann Med* 1991; 23: 29-5.
56. Saijonmaa O, Nyman T, Hohenthal U, Fyhrquist F. Endothelin-1 is expressed and released by a human endothelial hybrid cell line (Ea. hy 926). *Biochem Biophys Res Comm* 1991; 181: 529-36.
57. Saloranta C, Franssila-Kallunki A, Ekstrand A, Taskinen M-R, Groop L. Modulation of hepatic glucose production by non-esterified fatty acids in type 2 (non-insulin-dependent) diabetes mellitus. *Diabetologia* 1991; 34: 409-15.
58. Santavirta S, Konttinen YT. Lonkan tekonielen aiheuttama kudostavaste. *Duodecim* 1991; 107: 901-2.
59. Santavirta S, Konttinen YT. Lumbar spine: Studies on pathobiology, clinical examination and surgical treatment. *Curr Opin Orthop* 1991; 2: 206-11.
60. Santavirta S, Konttinen YT, Bergroth V, Grönblad M. Lack of immune response to methyl methacrylate in lymphocyte culture. *Acta Orthop Scand* 1991; 62: 29-32.
61. Santavirta S, Konttinen YT, Hoikka V, Eskola A. Immunopathological response to loose cementless acetabular components. *J Bone Joint Surg (Br)* 1991; 73-B: 38-42.
62. Santavirta S, Konttinen YT, Laasonen E, Honkanen V, Antti-Poika I, Kauppi M. Ten years' results of operations for rheumatoid cervical spine disorders. *J Bone Joint Surg (Br)* 1991; 73-B: 116-20.
63. Santavirta S, Nordström D, Ylinen P, Konttinen YT, Silvennoinen T, Rokkanen P. Biocompatibility of hydroxyapatite-coated hip prostheses. *Arch Orthop Trauma Surg* 1991; 11: 288-92.
64. Santavirta S, Pajamäki J, Eskola A, Konttinen YT, Lindholm TS. Proliferative cell response to the loosening of THR. A cytofluorographic cell cycle analysis. *Arch Orthop Trauma Surg* 1991; 11: 43-6.
65. Siimes M, Teppo A-M, Koskelo E, Saarinen U-M. Serum tumor necrosis factor does not correlate with changes in muscle volume in children with malignancies. *Pediatr Hematol Oncol* 1991; 8: 69-75.
66. Soini J, Antti-Poika I, Tallroth K, Konttinen YT, Honkanen V, Santavirta S. Disc degeneration and angular movement of the lumbar spine: Comparative study using plain and flexion extension radiography and discography. *J Spinal Disord* 1991; 4: 183-7.
67. Sorsa T, Suomalainen K, Ingman T, Lindy O, Lauhio A, Saari H, Halinen S, Konttinen YT, Golub LM. Tetrasykliinien kollageeniasia estävä vaikutus. *Duodecim* 1991; 107: 1966-9.
68. Suomalainen K, Sorsa T, Lindy O, Saari H, Konttinen YT, Uitto V-J. Hypochlorous acid induced activation of human neutrophil and gingival crevicular fluid collagenase can be inhibited by ascorbate. *Scand J Dent Res* 1991; 99: 397-405.
69. Suominen S, Antti-Poika I, Santavirta S, Konttinen YT, Honkanen V, Lindholm TS. Total hip replacement after intertrochanteric osteotomy. *Orthopedics* 1991; 3: 253-7.
70. Teppo A-M, Metsärinne K, Fyhrquist F. Radioimmunoassay of interleukin-6 in plasma. *Clin Chem* 1991; 37: 1691-5.
71. Tulamo R-M. Changes in equine synovial fluid with special reference to intra-articular infection, corticosteroid injection, and hyaluronate concentration (Dissertation). Helsinki 1991.
72. Yki-Järvinen H, Puhakainen I, Saloranta C, Groop L, Taskinen M-R. Demonstration of a novel feedback mechanism between FFA oxidation from intracellular and intravascular sources. *Am J Physiol Endocrinol Metab* 1991; 260: 680-9.

1992

- Aho M-L, Haapa E, Latvala T, Pölonen A, Riihelä L. Ruokavalioneuvonta diabeettisten munuaismuutosten ehkäisyssä ja hoidossa. *SLL/FLT* 1992; 47: 3001-7.
- Carlson JT, Hedner J, Fagerberg B, Ejnell H, Magnusson B, Fyhrquist F. Secondary polycythaemia with nocturnal apnoea - a relationship not mediated by erythropoietin? *J Intern Med* 1992; 231: 381-7.
- Chapelle A de la, Kere J, Sack GH Jr, Tolvanen R, Maury CPJ. Familial amyloidosis, Finnish type: G654 - A mutation of the gelsolin gene in Finnish families and an unrelated American family. *Genomics* 1992; 13: 898-901.
- Chapelle A de la, Tolvanen R, Boysen G, Santavy J, Bleeker-Wagemakers I, Maury CPJ, Kere J. Gelsolin-derived familial amyloidosis caused by asparagine or tyrosine substitution for aspartic acid at residue 187. *Nat Genet* 1992; 2: 157-60.
- Ekstrand A. Diabetes and kidney transplantation (Dissertation). Helsinki 1992.
- Ekstrand A, Groop L, Pettersson E, Grönhagen-Riska C, Laatikainen L, Matikainen E, Seppäläinen A-M, Laasonen E, Summanen P, Ollus A, Ahonen J. Metabolic control and progression of complications in insulin-dependent diabetic patients after kidney transplantation. *J Intern Med* 1992; 232: 253-61.
- Ekstrand A, Saloranta C, Ahonen J, Grönha-

- gen-Riska C, Groop LC. Reversal of steroid-induced resistance by a nicotinic-acid derivative in man. *Metabolism* 1992; 41: 692-7.
8. Ekstrand AV, Eriksson JG, Grönhagen-Riska C, Ahonen JP, Groop LC. Insulin resistance and insulin deficiency in the pathogenesis of posttransplantation diabetes in man. *Transplantation* 1992; 53: 563-9.
 9. Eriksson J, Doepel M, Widén E, Halme L, Ekstrand A, Groop L, Höckerstedt K. Pancreatic surgery, not pancreatitis, is the primary cause of diabetes after acute fulminant pancreatitis. *Gut* 1992; 33: 845-7.
 10. Eriksson J, Forsén B, Häggblom M, Teppo A-M, Groop L. Clinical and metabolic characteristics of type 1 and type 2 diabetes. An epidemiological study from the Närpes community in Western Finland. *Diabet Med* 1992; 9: 654-60.
 11. Eriksson J, Koranyi L, Bourey R, Schalin-Jäntti C, Widén E, Mueckler M, Permutt AM, Groop LC. Insulin resistance in type 2 (non-insulin dependent) diabetic patients and their relatives is not associated with a defect in the expression of the insulin-responsive glucose transporter (GLUT-4) gene in human skeletal muscle. *Diabetologia* 1992; 35: 143-7.
 12. Eriksson J, Nakazato M, Groop L. Plasma human amylin levels. Response from the authors. *Diabetologia* 1992; 35: 801-2.
 13. Eriksson J, Nakazato M, Miyazato M, Shiomi K, Matsukura S, Groop L. Islet amyloid polypeptide plasma concentrations in individuals at increased risk of developing type 2 (non-insulin dependent) diabetes mellitus. *Diabetologia* 1992; 35: 291-3.
 14. Forsblom C. Mikroalbuminuri - en riskfaktor för njursjukdom eller hjärtinfarkt? *Fin Läkaresällsk Handl* 1993; 136: 202-6.
 15. Forsblom CM, Groop P-H, Ekstrand A, Groop LC. Predictive value of microalbuminuria in patients with insulin-dependent diabetes of long duration. *Br Med J* 1992; 305: 1051-3.
 16. Forslund T, Metsärinne K. Endotelcellen som endokrint organ - endotelin. *Tidsskr Nor Laegeforen* 1992; 112: 648-52.
 17. Forslund T, Riddervold F, Fauchald P, Torvik D, Fyhrquist F, Simonsen S. Hormonal changes in patients with severe chronic congestive heart failure treated by ultrafiltration. *Nephrol Dial Transplant* 1992; 7: 306-10.
 18. Franssila-Kallunki A. Comparison of near-infrared light spectroscopy, bioelectrical impedance and tritiated water techniques for the measurement of fat-free mass in humans. *Scand J Clin Lab Invest* 1992; 52: 879-85.
 19. Franssila-Kallunki A, Eriksson JG, Groop LC. Time-dependent effect of hyperglycemia and hyperinsulinemia on oxidative glucose metabolism in patients with NIDDM. *Acta Endocrinol* 1992; 127: 100-6.
 20. Franssila-Kallunki A, Groop LC. Factors associated with basal metabolic rate in patients with type 2 (non-insulin dependent) diabetes mellitus. *Diabetologia* 1992; 35: 962-6.
 21. Franssila-Kallunki A, Rissanen A, Ekstrand A, Ollus A, Groop L. Effects of weight loss on substrate oxidation, energy expenditure, and insulin sensitivity in obese individuals. *Am J Clin Nutr* 1992; 55: 356-61.
 22. Franssila-Kallunki A, Schalin-Jäntti C, Groop L. Effect of gender on insulin resistance associated with aging. *Am J Physiol* 1992; 26: E780-5.
 23. Groop L. Ratkeavatto aikuistyypin diabeteksen hoito-ongelmat? Subjektiiivinen näkemys aikuistyypidiabeteksen hoidosta. *Diabetes* 1992; pp. 5-13.
 24. Groop LC. Sulfonylureas in NIDDM. *Diabetes Care* 1992; 15: 737-54.
 25. Groop LC, Bonadonna RC, Simonson DC, Petrides AS, Shank M, DeFronzo RA. Effect of insulin on oxidative and nonoxidative pathways of free fatty acid metabolism in human obesity. *Am J Physiol* 1992; 26: E79-84.
 26. Groop LC, Eriksson JG. The etiology and pathogenesis of non-insulin-dependent diabetes. *Ann Med* 1992; 24: 483-9.
 27. Groop LC, Widén E, Ekstrand A, Saloranta C, Franssila-Kallunki A, Eriksson J. Morning or bedtime NPH insulin combined with sulfonylurea in treatment. *Diabetes Care* 1992; 15: 831-4.
 28. Gustafsson D, Elg M, Hedner T, Johnsson E, Sohtell M, Svensson L, Fyhrquist F. Raised plasma concentrations of endothelin-1 and -3 in marmosets with acute aortic stenosis. *Blood Press* 1992; 1: 50-6.
 29. Honkanen E, Kala A-R, Grönhagen-Riska C, Ikäheimo R. CAPD with low-calcium dialysate and calcium carbonate: Results of a 24-week study. *Adv Peritoneal Dial* 1992; 8: 356-61.
 30. Honkanen E, Törnroth T, Grönhagen-Riska C. Natural history, clinical course and morphological evolution of membranous nephropathy. *Nephrol Dial Transplant* 1992; Suppl 1: 35-41.
 31. Hynynen M, Kupari M, Salmenperä M, Koskinen P, Tikkanen I, Fyhrquist F. Plasma atrial natriuretic factor during ethanol ingestion in volume-loaded subjects. *Alcohol Alcoholism* 1992; 27: 277-85.
 32. Hynynen M, Olkkola KT, Palojoki R, Tikkanen I, Fyhrquist F. Pharmacokinetics and effects of atrial natriuretic factor during hypothermic cardiopulmonary bypass. *Eur J Clin Pharmacol* 1992; 43: 647-50.
 33. Hynynen M, Saijonmaa O, Tikkanen I, Heino J, Fyhrquist F. Increased plasma endothelin immunoreactivity during cardiopulmonary bypass: A preliminary observation. *J Cardiovasc Surg* 1992; 103: 1024.
 34. Jauhikainen T, Julkunen H, Vaarala O, Leirisalo-Repo M, Stephanson E, Vahtera E, Palosuo T, Myllylä G. Antiphospholipid antibodies and thrombosis in systemic lupus erythematosus: Comparison of three lupus anticoagulant assays and anticardiolipin ELISA in 188 patients. *Blood Coagul Fibrinolysis* 1992; 3: 407-14.
 35. Jula AS, Rönnemaa T, Tikkanen I, Karanko HM. Responses of atrial natriuretic factor to long-term sodium restriction in mild to moderate essential hypertension. *J Intern Med* 1992; 231: 521-9.
 36. Kaprio J, Tuomilehto J, Koskenvuo M, Romanov K, Reunanen A, Eriksson J, Stengård J, Kesäniemi YA. Concordance for type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus in a population-based cohort of twins in Finland. *Diabetologia* 1992; 35: 1060-7.
 37. Karenko L, Pettersson Tom, Roberts P. Case report. Autosomal dominant 'Mediterranean fever' in a Finnish family. *J Intern Med* 1992; 232: 365-9.
 38. Koivisto VA, Sane T, Fyhrquist F, Pelkonen R. Fuel and fluid homeostasis during long-term exercise in healthy subjects and type 1 diabetic patients. *Diabetes Care* 1992; 15, Suppl 4: 1736-41.
 39. Kontinen YT, Honkanen VEA, Grönblad M, Keinonen M, Santavirta N, Santavirta S. The relation of extraarticular tenderness to inflammatory joint disease and personality in patients with rheumatoid arthritis. *J Rheumatol* 1992; 19: 851-5.
 40. Kontinen YT, Hukkanen M, Segerberg M, Rees R, Kempainen P, Sorsa T, Saari H, Polak JM, Santavirta S. Relationship between neuropeptide immunoreactive nerves and inflammatory cells in adjuvant arthritic rats. *Scand J Rheumatol* 1992; 21: 55-9.
 41. Kontinen YT, Sorsa T, Hukkanen M, Segerberg M, Kuhlefelt-Sundström M, Malmström M, Polak JM. Topology of innervation of labial salivary glands by protein gene product 9,5 and synaptophysin immunoreactive nerves in patients with Sjögren's syndrome. *J Rheumatol* 1992; 19: 30-7.
 42. Laasonen L. Tavanomainen röntgentutkimus perifeeristen artriittien diagnostiikassa. *SLL/FLT* 1992; 47: 487-92.
 43. Lindgren L, Tikkanen I, Reissel E, Kirvelä M, Orko R, Salmela K, Ahonen J. Alpha-human-ANP response to preanesthetic volume expansion and subsequent renal transplantation in diabetic and nondiabetic uremic patients. *Transplant Int* 1992; 5: 170-4.
 44. Maury CPJ, Nurmiaho-Lassila E-L. Creation of amyloid fibrils from mutant ASN187 gelsolin peptides. *Biochem Biophys Res Comm* 1992; 183: 227-31.
 45. Metsärinne KP, Nordström DCE, Kontinen YT, Teppo A-M, Fyhrquist FY. Plasma interleukin-6 and renin substrate in reactive arthritis, rheumatoid arthritis and systemic lupus erythematosus. *Rheumatol Int* 1992; 12: 93-6.
 46. Nordström DC, Kontinen YT, Sorsa T, Nykänen P, Pettersson Tom, Santavirta S, Tschopp J, Granzyme A - immunoreactive cells in synovial fluid in reactive and rheumatoid arthritis. *Clin Rheumatol* 1992; 11: 529-32.
 47. Nykänen P. Cell proliferation in rheumatoid arthritis, synovial membrane and synovial fluid (Dissertation). Helsinki 1992.
 48. Pekonen F, Saijonmaa O, Nyman T, Fyhrquist F. Human endometrial adenocarcinoma cells express endothelin-1. *Molec Cell Endocrinol* 1992; 84: 203-7.
 49. Pettersson Tom, Julkunen H. Asplenia in a patient with systemic lupus erythematosus and antiphospholipid antibodies. *J Rheumatol* 1992; 19: 1159.
 50. Pettersson Tom, Kariniemi A-L, Tervonen S, Franssila K. Cytophagic histiocytic panniculitis: A report of four cases. *Br J Dermatol* 1992; 127: 635-40.
 51. Pettersson Tom, Metsärinne K, Teppo A-M, Fyhrquist F. Immunoreactive interleukin-6 in serum of patients with B-lymphoproliferative diseases. *J Intern Med* 1992; 232: 439-42.
 52. Pettersson Tom, Pukkala E, Teppo L, Friman C. Increased risk of cancer in patients with systemic lupus erythematosus. *Ann Rheum Dis* 1992; 51: 437-9.
 53. Pitkänen E, Pitkänen OM. Renal tubular reabsorption of 1-5-anhydro-D-glucitol and D-mannose in vivo in the rat. *Pflügers Archiv* 1992; 420: 367-75.
 54. Reissel EM, Lindgren L, Tikkanen I, Ahonen J. Renal transplantations from the same kidney donor: Outcome of diabetic and non-

- diabetic patients. *Scand J Urol Nephrol* 1992; 26: 403-8.
55. Riikonen P, Saarinen UM, Teppo AM, Metsärinne K, Fyhrquist F. Cytokine and acute-phase reactant levels in serum of children with cancer admitted for fever and neutropenia. *J Infect Dis* 1992; 166: 432-6.
 56. Rosenlöf K, Honkanen E, Grönhagen-Riska C. Case report. Desferrioxamine treatment of a patient with resistance to erythropoietin. Erythropoiesis; New Dimensions in the Treatment of Anaemia 1992; 3: 97.
 57. Ruuska P, Hämeenkorpi R, Forsberg S, Julkunen H, Mäkitalo R, Ilonen J, Tiilikainen A. Differences in HLA antigens between patients with mixed connective tissue disease and systemic lupus erythematosus. *Ann Rheum Dis* 1992; 51: 52-5.
 58. Saari H. Reactive oxygen species as mediators of tissue destructive events in inflammatory joint disease (Dissertation). Helsinki 1992.
 59. Sajjonmaa O, Nyman T, Fyhrquist F. Endothelin-1 stimulates its own synthesis in human endothelial cells. *Biochem Biophys Res Comm* 1992; 188: 286-91.
 60. Santavirta S, Bordström D, Saari H, Paavola-lainen P, Kontinen YT. Immune-inflammatory response in loosening of the totally replaced hip. *J Orthop Rheumatol* 1992; 5: 71-7.
 61. Santavirta S, Kontinen YT, Nordström D, Mäkelä A, Sorsa T, Hukkanen M, Rokkanen P. Immunologic studies of non-united fractures. *Acta Orthop Scand* 1992; 63: 579-86.
 62. Schalin-Jäntti C, Härkönen M, Groop LC. Impaired activation of glycogen synthase in people at increased risk for developing NIDDM. *Diabetes* 1992; 41: 598-604.
 63. Tikkanen I. Akuutin munuaisten vajaatoiminnan patofysiologia. *Vox* 1992; 14: 71-7.
 64. Widén E, Ekstrand A, Saloranta C, Franssila-Kallunki A, Eriksson J, Schalin-Jäntti C, Groop L. Insulin resistance in type 2 (non-insulin dependent) diabetic patients with hypertriglyceridaemia. *Diabetologia* 1992; 35: 1140-5.
 65. Widén E, Eriksson JG, Ekstrand AV, Groop LC. The relationship between first-phase insulin secretion and glucose metabolism. *Acta Endocrinol* 1992; 127: 289-93.
 66. Widén E, Eriksson JG, Groop LC. Metformin normalizes nonoxidative glucose metabolism in insulin-resistant normoglycemic first-degree relatives of patients with NIDDM. *Diabetes* 1992; 41: 354-8.
 67. Wiens A, Marles S, Safneck J, Kwiatkowski DJ, Maury CPJ, Zelinski T, Philipps S, Ekins MB, Greenberg CR. Exclusion of the gelsolin gene on 9q32-34 as the cause of familial lattice corneal dystrophy type 1. *Am J Hum Genet* 1992; 51: 156-60.
 68. Välimäki M, Pelkonen R, Tikkanen I, Fyhrquist F. Normal renal sensitivity to atrial natriuretic peptide in Gordon's syndrome. *Pediatr Nephrol* 1992; 6: 44-5.
 69. Ylinen K, Grönhagen-Riska C, Honkanen E, Ekstrand A, Metsärinne K, Kuhlback B. Outcome of patients with secondary amyloidosis in dialysis treatment. *Nephrol Dial Transplant* 1992; 7: 908-12.
- 1993**
1. Aro T, Kanerva L, Häyrynen-Immonen R, Silvennoinen-Kassinen S, Kontinen YT, Jolanki R, Estlander T. Long lasting allergic patch test reaction caused by gold. *Contact Dermatitis* 1993; 28: 276-81.
 2. Dugue B, Leppänen EA, Teppo A-M, Fyhrquist F, Gräsbeck R. Effects of psychological stress on plasma interleukins-1 beta and 6, C-reactive protein, tumor necrosis factor alpha, antidiuretic hormone and serum cortisol. *Scand J Clin Lab Invest* 1993; 53: 555-61.
 3. Ebeling B, Bourey R, Koranyi L, Tuominen I, Groop L, Henriksson J, Mueckler M, Sovijärvi A, Koivisto VA. Mechanisms of enhanced insulin sensitivity in athletes: Increased blood flow, muscle glucose transport protein (GLUT-4) concentration and glycogen synthase activity. *J Clin Invest* 1993; 92: 1623-31.
 4. Ekstrand A. Corticosteroids and glucose tolerance. In: Christians C, Krane AM, editors. *A Seminar, Adis International Lang-home* 1993; pp. 16-7.
 5. Ekstrand A. Kidney transplantation with and without prior dialysis therapy in diabetic patients with end-stage renal failure. *Scand J Urol Nephrol* 1993; 27: 83-7.
 6. Forslund T, Liisanantti R, Sajjonmaa O, Fyhrquist F. Raised plasma endothelin-1 concentration in patients with nephropathia epidemica. *Clin Nephrol* 1993; 40: 69-73.
 7. Fyhrquist F. Hypertension in patients with renal failure. *ACE Inhib* 1993; 2: 39-44.
 8. Fyhrquist F. Regulation of the tissue renin-angiotensin system. *Fin Läkaresällsk Handl* 1993; 137: 36-8.
 9. Fyhrquist F. Robert Tigerstedt. *Fin Läkarsällsk Handl* 1993; 137: 34-5.
 10. Fyhrquist F. Voidaanko endoteelia hoitaa lääkkeitä? *Duodecim* 1993; 109: 1841-7.
 11. Fyhrquist F, Sirviö M-L, Helin K, Sajjonmaa O, Metsärinne K, Paakkari I, Järvinen A, Tikkanen I. Endothelin antiserum decreases volume-stimulated and basal plasma concentration of atrial natriuretic peptide. *Circulation* 1993; 88: 1172-6.
 12. Groop L, Ekstrand A, Forsblom C, Widén E, Groop P-H, Teppo A-M, Eriksson J. Insulin resistance, hypertension and microalbuminuria in patients with type 2 (non-insulin dependent) diabetes mellitus. *Diabetologia* 1993; 36: 642-7.
 13. Groop L, Forsblom C, Groop P-H, Ekstrand A. Predictive value of microalbuminuria in longstanding insulin dependent diabetes (Letter). *Br Med J* 1993; 306: 271-2.
 14. Groop L, Schalin-Jäntti C, Lehto M. Polymorphism of the glycogen synthase gene and non-insulin-dependent diabetes mellitus (Letter). *N Engl J Med* 1993; 328: 1568-9.
 15. Groop L, Widén E, Ferrannini E. Insulin resistance and insulin deficiency in the pathogenesis of type 2 diabetes: Errors of metabolism or of methods? *Diabetologia* 1993; 36: 1326-31.
 16. Groop LC, Kankuri M, Schalin-Jäntti C, Ekstrand A, Nikula-Ijäs P, Widén E, Kuismäen E, Eriksson J, Franssila-Kallunki A, Saloranta C, Koskimies S. Association between polymorphism of the glycogen synthase gene and non-insulin dependent diabetes mellitus. *N Engl J Med* 1993; 328: 10-4.
 17. Groop P-H, Aro A, Stenman S, Groop L. Long-term effects of guar gum in subjects with non-insulin-dependent diabetes mellitus. *Am J Clin Nutr* 1993; 58: 513-8.
 18. Groop P-H, Melander A, Groop LC. The acute effect of preprandial exogenous and endogenous sulphonylurea-stimulated insulin secretion on postprandial glucose excursions in patients with type 2 diabetes. *Diabet Med* 1993; 10: 633-7.
 19. Groop P-H, Melander A, Groop LC. The relationship between early insulin release and glucose in healthy subjects. *Scand J Clin Lab Invest* 1993; 53: 405-9.
 20. Grönhagen-Riska C, Teppo A-M, Honkanen E, Ikäheimo R. Alpha-1-antitrypsin, CRP and interleukin-6 in ANCA-positive vasculitis. In: Gross WL, editor. *ANCA-Associated Vasculitides*, Plenum Press, New York 1993.
 21. Grönhagen-Riska C, Teppo A-M, Honkanen E, Ikäheimo R. Alfa-1-antitrypsin, CRP and interleukin-6 in ANCA-positive vasculitis. *Adv Exper Med Biol* 1993; 336: 337-40.
 22. Haaber AB, Groop P-H, Bitzen P-O, Faber OK, Hansen PM, Hellqvist S, Wählin-Boll E, Groop LC, Melander A. Pharmacokinetics and effects of different formulations of glipizide in patients with non-insulin-dependent diabetes mellitus. *Drug Invest* 1993; 5: 114-20.
 23. Hakala M, Pettersson Tom, Tarkka M, Leirisalo-Repo M, Mattila T, Airaksinen J, Sutinen S. Rheumatoid arthritis as a cause of cardiac compression. Favourable long-term outcome of pericardiectomy. *Clin Rheumatol* 1993; 12: 199-203.
 24. Halme L, Smitten K von, Stenman S, Turpeinen U, Stenman U-H. Concentrations of pancreatic secretory trypsin inhibitor (PSTI), acute phase proteins and neopterin in Crohn's disease. Comparison with clinical disease activity and endoscopic findings. *Scand J Clin Lab Invest* 1993; 53: 359-66.
 25. Hynynen M, Ilmarinen R, Tikkanen I, Fyhrquist F. Plasma atrial natriuretic factor during cold-induced diuresis. *Eur J Appl Physiol* 1993; 67: 286-9.
 26. Häyrynen-Immonen R, Sorsa T, Nordström D, Malmström M, Kontinen YT. Collagenase and stromelysin in recurrent aphthous ulcers (RAU). *Int J Oral Maxillofac Surg* 1993; 22: 46-9.
 27. Ingman T, Sorsa T, Suomalainen K, Halinen S, Lindy O, Lauhio A, Saari H, Kontinen YT, Golub LM. Tetracycline inhibition and the cellular source of collagenase in gingival crevicular fluid in different periodontal diseases. *J Periodontol* 1993; 64: 82-8.
 28. Julkunen H. Pregnancy in systemic lupus erythematosus (Dissertation). Helsinki 1993.
 29. Julkunen H, Jouhikainen T, Kaaja R, Leirisalo-Repo M, Stephansson E, Palosuo T, Teramo K, Friman C. Fetal outcome in lupus pregnancy: A retrospective case-control study of 242 pregnancies in 112 patients. *Lupus* 1993; 2: 135-31.
 30. Julkunen H, Kaaja R, Palosuo T, Grönhagen-Riska C, Teramo O K. Pregnancy in lupus nephropathy. *Acta Obstet Gynecol Scand* 1993; 72: 258-63.
 31. Julkunen H, Kaaja R, Wallgren E, Teramo K. Isolated congenital heart block: Fetal and infant outcome and familial incidence of heart block. *Obstet Gynecol* 1993; 82: 11-6.
 32. Julkunen H, Kurki P, Kaaja R, Heikkilä J, Immonen I, Chan EKL, Wallgren E, Friman C. Isolated congenital heart block. Long-term outcome of mothers and characterization of the immune response to SS-A/Ro and to SS-B/La. *Arthritis Rheum* 1993; 36: 1588-98.
 33. Julkunen HA, Kaaja R, Friman C. Contractive practice in women with systemic lupus erythematosus. *Br J Rheumatol* 1993; 32: 227-30.

34. Kahri J, Groop PH, Viberti GC, Elliott T, Taskinen M-R. Regulation of apolipoprotein-A1 containing lipoproteins in insulin dependent diabetes mellitus. *Diabetes* 1993; 42: 1281-8.
35. Kaprio J, Tuomilehto J, Koskenvuo M, Romanov K, Reunanen A, Eriksson J, Stengård J, Kesäniemi YA. Concordance for type 1 (insulin-dependent) and type 2 (non-insulin-dependent) diabetes mellitus in a population-based cohort of twins in Finland. *Diabetologia* 1992; 35: 1060-7.
36. Keränen T, Gordin A, Harjola V-P, Karlsson M, Korpela K, Pentikäinen PJ, Rita H, Seppälä L, Wikberg T. The effect of catechol-O-methyl transferase inhibition by entacapone on the pharmacokinetics and metabolism of levodopa in healthy volunteers. *Clin Neuropharmacol* 1993; 16: 145-56.
37. Kolho E, Oksanen K, Honkanen E, Naukarinen R, Krusius T. Hepatitis C antibodies in dialysis patients with leukaemia. *J Med Virol* 1993; 40: 318-21.
38. Konttinen YT. Trends in treatment of joint pain. *Clinical Updates in Rheumatology* 1993; 1: 4-8.
39. Kuitunen A, Hynynen M, Salmenperä M, Järvinen A, Scheinin M, Neuvonen PJ, Fyhrquist F. Anaesthesia affects plasma concentrations of vasopressin, von Willebrand factor and coagulation factor VIII in cardiac surgical patients. *Br J Anaesth* 1993; 70: 173-80.
40. Laatikainen L, Summanen P, Ekstrand A, Groop L. Ophthalmological follow-up of diabetic patients after kidney transplantation. *Germ J Ophthalmol* 1993; 2: 2-7.
41. Lauhio A, Nordström D, Sorsa T, Rose S, Lindy O, Golub LM, Konttinen YT. Long-term treatment of reactive arthritis with tetracycline. In: Machtey J. *Progress in Rheumatology*, Rheum Serv Golda Medical Center, Petah-Tiqva, Israel 1993.
42. Lauhio A, Sorsa T, Lindy O, Suomalainen K, Saari H, Golub LM, Konttinen Y. The regulatory role of doxycycline/tetracycline in collagenolytic activity and tissue destruction in joint disease (Comment). *Arthritis Rheum* 1993; 36: 1335.
43. Lehto M, Stoffel M, Groop L, Espinosa R III, LeBeau M, Bell GI. Assignment of the gene encoding glycogen synthase (GYS) to human chromosome 19 Band q13.3. *Genomics* 1993; 15: 460-1.
44. Lehto M, Xiang K, Stoffel M, Espinosa R III, Groop LC, LeBeau MM, Bell GI. Human hexokinase II: Localization of polymorphic gene to chromosome 2. *Diabetologia* 1993; 36: 1299-302.
45. Lommi J, Ikäheimo R, Honkanen E, Törnroth T, Friman C, Grönhagen-Riska C. Äkillinen munuaisten vajaatoiminta systeemistä skleroosia sairastavalla. *Duodecim* 1993; 109: 529-33.
46. Maury CPJ. Homozygous familial amyloidosis, Finnish type: Demonstration of glomerular gelsolin-derived amyloid and non-amyloid tubular gelsolin. *Clin Nephrol* 1993; 40: 53-6.
47. Maury CPJ, Rossi H. Demonstration of a circulating 56K gelsolin variant specific for familial amyloidosis Finnish type. *Biochem Biophys Res Comm* 1993; 191: 41-4.
48. Metsärinne K, Forslund T, Teppo A-M, Simonsen S, Fyhrquist F. Increased plasma angiotensinogen in cardiac transplantation patients. *Eur J Med* 1993; 2: 333-8.
49. Mosthaf L, Eriksson J, Häring HU, Groop L, Widén E, Ullrich A. Insulin receptor isotype expression correlates with risk of non-insulin-dependent diabetes. *Proc Natl Acad Sci USA* 1993; 90: 2633-5.
50. Niskanen L, Voutilainen R, Teräsivirta M, Lehtinen J, Teppo A-M, Groop L, Uusitupa M. A prospective study of clinical and metabolic associates of proteinuria in patients with type 2 diabetes mellitus. *Diabet Med* 1993; 10: 543-9.
51. Nordström D, Santavirta S, Gristina A, Konttinen YT. Medical intelligence. Immune-inflammatory response in the totally replaced hip: A review of ability aspects. *Eur J Med* 1993; 2: 296-300.
52. Nordström D, Santavirta S, Seitsalo S, Hukkanen M, Polak JM, Nordström L, Konttinen Y. Symptomatisk spondylolistes i korsryggen: Neuroimmunhistokemisk studie. *Suomen Ortopedia ja Traumatologia* 1993; 16: 187-9.
53. Pettersson Tom, Riska H, Sutinen S, Klockars M, Peterson C. High concentrations of eosinophil cationic protein X protein in eosinophilic pleural effusions. *Chest* 1993; 103: 475-8.
54. Pettersson Tom, Rosenlöf K, Friman C, Micko A, Teppo A-M, Fyhrquist F. Successful treatment of the anemia of rheumatoid arthritis with subcutaneously administered recombinant human erythropoietin. Slow response in patients with more severe inflammation. *Scand J Rheumatol* 1993; 22: 188-93.
55. Rosenlöf K. Erythropoietiniin klininen käyttö. *Munuainen/Njuren* 1993; 2: 15-8.
56. Rutanen E-M, Teppo A-M, Stenman U-H, Tiitinen A, Fyhrquist F, Ylikorkala O. Recurrent fever associated with progesterone action and persistently elevated serum levels of immunoreactive tumor necrosis factor-alpha and interleukin-6. *J Clin Endocrinol Metab* 1993; 76: 1594-8.
57. Saari H, Konttinen YT, Friman C, Sorsa T. Differential effects of reactive oxygen species on native synovial fluid and purified human umbilical cord hyaluronate. *Inflammation* 1993; 17: 403-15.
58. Saari H, Santavirta S, Nordström D, Paavolainen P, Konttinen Y. Hyaluronate in total hip replacement. *J Rheumatol* 1993; 20: 87-90.
59. Saloranta C, Groop L, Ekstrand A, Franssila-Kallunki A, Eriksson J, Taskinen M-R. Different acute and chronic effects of acipimox treatment on glucose and lipid metabolism in patients with type 2 diabetes. *Diabet Med* 1993; 10: 950-7.
60. Saloranta C, Koivisto V, Widén E, Falholt K, DeFronzo RA, Härkönen M, Groop L. Contribution of muscle and liver to glucose-fatty acid cycle in humans. *Am J Physiol* 1993; 27: E599-605.
61. Saloranta C, Taskinen M-R, Widén E, Härkönen M, Melander A, Groop L. Metabolic consequences of sustained suppression of free fatty acids by acipimox in patients with NIDDM. *Diabetes* 1993; 42: 1599-66.
62. Santavirta S, Konttinen YT, Nordström D, Gristina A. Are total hip prostheses implanted with the use of methylmethacrylate biocompatible? *Eur J Med* 1993; 2: 170-2.
63. Santavirta S, Nordström D, Metsärinne K, Konttinen YT. Biocompatibility of polyethylene and host response to loosening of cementless total hip replacement. *Clin Orthop* 1993; 297: 100-10.
64. Santavirta S, Nordström D, Tallroth K, Eskola A, Hoikka V, Paavilainen T, Konttinen YT. Granulomatous reaction in cementless hip replacement. *Orthopaedics Int Ed* 1993; 1: 228-31.
65. Stenman S. Försvinner den medicinska tidskriften? *Fin Läkareällsk Handl* 1993; 137: 18-22.
66. Stenman S, Melander A, Groop P-H, Groop LC. What is the benefit of increasing the sulfonylurea dose? *Ann Intern Med* 1993; 118: 169-72.
67. Sundberg S, Scheinin M, Illi A, Akkila J, Gordin A, Keränen T. The effects of the COMT inhibitor entacapone on haemodynamics and peripheral catecholamine metabolism during exercise. *Br J Clin Pharmacol* 1993; 36: 451-6.
68. Sundberg S, Scheinin M, Ojala-Karlsson P, Akkila J, Gordin A. The effects of the COMT inhibitor nitacapone for one week on exercise haemodynamics and catecholamine disposition. *Eur J Clin Pharmacol* 1993; 44: 287-90.
69. Tikkanen I. ACE:n estäjän vaikea valinta. *Duodecim* 1993; 109: 1805-11.
70. Tikkanen I, Fyhrquist F. Uusi verenpainetta nostava lisäkilpirauhshormoni? *Duodecim* 1993; 109: 1620-2.
71. Tuomi T, Groop LC, Zimmet PZ, Rowley MJ, Knowles W, Mackay LR. Antibodies to glutamic acid decarboxylase reveal latent autoimmune diabetes mellitus in adults with a non-insulin-dependent onset of disease. *Diabetes* 1993; 42: 359-62.
72. Wahlbeck K, Rimon R, Fyhrquist F. Elevated angiotensin converting enzyme (kininase II) in cerebrospinal fluid of neuroleptic-treated schizophrenic patients. *Schizophr Res* 1993; 9: 77-82.
73. Weeds AG, Gooch J, McLaughlin, Maury CPJ. Variant plasma gelsolin responsible for familial amyloidosis (Finnish type) has defective actin severing activity. *Fed Eur Biomed Soc (FEBS)* 1993; 335: 119-23.
74. Vitali C, Bombardieri S, Moutsopoulos HM, Konttinen YT et al. (40 förf.). Preliminary criteria for the classification of Sjögren's syndrome. Results of a prospective concerted action supported by the European Community. *Arthritis Rheum* 1993; 36: 340-7.

1994

1. Aarnio P, Hämäläinen P, Fyhrquist F, Harjula A. Endothelin content of bronchoalveolar lavage fluid from allotransplanted pigs is increased during unmodified rejection. *J Thorac Cardiovasc Surg* 1994; 107: 216-9.
2. Birkeland K, Torjesen P, Eriksson J, Vaaler S, Groop L. Hyperproinsulinemia of type II diabetes is not present before the development of hyperglycemia. *Diabetes Care* 1994; 17: 1307-10.
3. Bonadonna R, Groop L, Simonsson D, DeFronzo RA. Free fatty acid and glucose metabolism in human aging: Evidence for operation of the Randle cycle. *Am J Physiol* 1994; 266: 501-9.
4. Cachia PB, Taylor C, Thompson PW, Tennant GB, Masters G, Pettersson Tom, Whitaker JA, Burnett AK, Jacobs A, Padua RA. Non-dysplastic myelodysplasia? *Leukemia* 1994; 8: 677-81.
5. Eklund B, Honkanen E, Kala A-R, Kyllönen L. Catheter configuration and outcome in patients on continuous ambulatory peritoneal dialysis: A prospective comparison of two catheters. *Perit Dial Int* 1994; 14: 70-4.
6. El-Rifai W, Pettersson Tom, Laramendy M, Knuutila S. Lineage involvement and karyo-

- type in a patient with myelodysplasia and blood basophilia. *Eur J Haematol* 1994; 33: 288–92.
7. Forsén T, Eriksson J, Suhonen L, Teramo K, Groop L. Raskausdiabetes – aikuistyyppin diabetes johon liittyy suhteellinen insuliinipuute? *Duodecim* 1994; 110: 808–14.
 8. Franssila-Kallunki A. Energy metabolism in insulin resistant states (Dissertation). Helsinki 1994.
 9. Friman C. Vaskuliitit. Kirjassa: Isomäki H, Leirisalo-Repo M, Hämäläinen M. Reumataudit. *Duodecim*, Helsinki, 1994; pp. 271–89.
 10. Gripenberg M, Kontinen YT. Systemiset sidekudostaudit. Kirjassa: Isomäki H, Leirisalo-Repo M, Hämäläinen M. Reumataudit. *Duodecim*, Helsinki, 1994; pp. 244–70.
 11. Groop P-H. Diabeettinen nefropatia. *Munuainen/Njuren* 1994; 23: 17–8.
 12. Helin K. Neural endopeptidase inhibition in experimental heart failure (Dissertation). Helsinki 1994.
 13. Helin K, Tikkanen I, Hohenthal U, Fyhrquist F. Inhibition of either angiotensin-converting enzyme or neutral endopeptidase induces both enzymes. *Eur J Pharmacol* 1994; 264: 135–41.
 14. Honkanen E. Munuaisastion infektio-ongelmia. Infektioiden torjunta sairaalassa, Helsinki 1994; pp. 425–9.
 15. Honkanen E, Teppo A-M, Meri S, Lehto T, Grönhagen-Riska C. Urinary excretion of cytokines and complement SC5b-9 in idiopathic membranous glomerulonephritis. *Nephrol Dial Transplant* 1993; 9: 1553–9.
 16. Honkanen E, Törnroth T, Grönhagen-Riska C, Sankila R. Long-term survival in idiopathic membranous glomerulonephritis: Can the course be clinically predicted? *Clin Nephrol* 1994; 41: 127–34.
 17. Kivivuori S, Heikinheimo M, Teppo A-M, Siimes MA. Early rise in serum concentration of transferrin receptor induced by recombinant human erythropoietin in very-low-birth-weight infants. *Pediatr Res* 1994; 36: 85–9.
 18. Kivivuori S, Viinikka L, Teppo A-M, Siimes MA. Serum transferrin receptor and erythropoiesis in children with newly diagnosed acute lymphoblastic leukemia. *Leukemia Res* 1994; 18: 823–8.
 19. Kolho E, Oksanen K, Honkanen E, Naukarinen R, Krusius T. Hepatitis C antibodies in dialysis patients and patients with leukemia. *J Med Virol* 1994; 40: 318–21.
 20. Kontinen YT, Häyrynen-Immonen R, Nordström D, Malmström M, Hukkanen M, Sorsa T, Polak J. Innervation of recurrent aphthous ulcers. *Oral Microbiol Immunol* 1994; 9: 60–4.
 21. Kontinen YT, Kempainen P, Segerberg M, Hukkanen M, Rees R, Santavirta S, Sorsa T, Pertovaara A, Polak J. Peripheral and spinal neural mechanisms in arthritis, with particular reference to treatment of inflammation and pain. *Arthritis Rheum* 1994; 37: 965–82.
 22. Kontinen YT, Santavirta S. Nervsystemet vid reumatiska sjukdomar. *Nord Med* 1994; 109: 225–7.
 23. Laasonen E, Laasonen L. Ensivaikutelman merkitys perhosten määrittämisessä. *Baptria* 1994; 19: 7–9.
 24. Laasonen L, Laasonen E. Radiologiset tutkimukset. Kirjassa: Isomäki H, Leirisalo-Repo M, Hämäläinen M. Reumataudit. *Duodecim*, Helsinki, 1994; pp. 100–7.
 25. Laine J, Fyhrquist F, Holmberg C. Effect of donor source on renal allograft function in children on triple immunosuppression. *Nephrol Dial Transp* 1993; 9: 1468–73.
 26. Laine J, Krogerus L, Fyhrquist F, Jalanko H, Rönholm K, Holmberg C. Renal function and histopathologic changes in children after liver transplantation. *J Pediatr* 1994; 125: 863–9.
 27. Lauhio A, Kontinen YT, Dalo T, Tschesche H, Lähdevirta J, Woessner F, Sorsa T. Placebo-controlled study of the effects of three-month lymecycline treatment on serum matrix metalloproteinase in reactive arthritis. *Ann NY Acad Sci* 1994; 732: 424–6.
 28. Lauhio A, Kontinen YT, Tschesche H, Nordström D, Salo T, Lähdevirta J, Golub L, Sorsa T. Reduction of matrix metalloproteinase 8-neutrophil collagenase levels during long-term doxycycline treatment of reactive arthritis. *Antimicrob Agents & Chemother* 1994; 38: 400–2.
 29. Lauhio A, Salo T, Ding Y, Kontinen YT, Nordström D, Tschesche H, Lähdevirta J, Golub L, Sorsa T. In vivo inhibition of human neutrophil collagenase (MMP-8) activity during long-term combination therapy with doxycycline and non-steroidal anti-inflammatory drugs (NSAID) in acute reactive arthritis. *Clin Exp Immunol* 1994; 98: 21–8.
 30. Leirisalo-Repo M, Turunen U, Stenman S, Helenius P, Seppälä K. High frequency of silent inflammatory bowel disease in spondylarthropathy. *Arthritis Rheum* 1994; 37: 23–31.
 31. Liu J, Kahri A, Teppo A-M, Voutilainen R. Regulation of parathyroid hormone gene expression and peptide secretion in human parathyroid cells. *Eur J Endocrinol* 1994; 130: 394–401.
 32. Maury P. Reaktiivinen AA-amyloidoosi. Kirjassa: Isomäki H, Leirisalo-Repo M, Hämäläinen M. Reumataudit. *Duodecim*, Helsinki, 1994; pp. 298–303.
 33. Maury P. Suomalainen amyloidoosi: Mutatio gelsoliinigeenissä. *Duodecim* 1994; 110: 675–80.
 34. Maury P, Nurmiaho-Lassila E-L, Rossi H. Amyloid fibril formation of mutant Asn-187 and Tyr-187 gelsolin peptides. *Lab Invest* 1994; 70: 558–64.
 35. Mervaala E, Paakkari I, Laakso J, Nevala R, Teräväinen T-L, Fyhrquist F, Vapaatalo H, Karppanen H. Replacement of salt by a novel potassium- and magnesium-enriched salt alternative improves the cardiovascular effect of ramipril. *Br J Pharmacol* 1994; 111: 1189–97.
 36. Metsärinne K, Saijonmaa O, Yki-Järvinen H, Fyhrquist F. Insulin increases the release of endothelin in endothelial cell cultures in vitro but not in vivo. *Metabolism* 1994; 43: 878–82.
 37. Metsärinne K, Stoll M, Falkenhahn M, Gohlke P, Unger T. Inhibiting the effects of angiotensin on cardiovascular hypertrophy. *Angiotensin Receptors* 1994; pp. 235–53.
 38. Nordström D, Santavirta S, Seitsalo S, Hukkanen M, Polak J, Nordsletten L, Kontinen YT. Symptomatic lumbar spondylosis: Neuroimmunologic studies. *Spine* 1994; 19: 2752–8.
 39. Pettersson Tom. Kuumeilu, verenvuototai-pumus ja pansytopenia keski-ikäisellä naisella. *Duodecim* 1994; 110: 2236–44.
 40. Pettersson Tom. Tulehdusanemia. Kirjassa: Isomäki H, Leirisalo-Repo M, Hämäläinen M. Reumataudit. *Duodecim*, Helsinki, 1994; pp. 308–12.
 41. Pettersson Tom, Kivivuori S, Siimes MA. Is serum transferrin receptor useful for detecting iron deficiency in anaemic patients with chronic inflammatory disease? *Br J Rheumatol* 1994; 33: 740–4.
 42. Pettersson Tom, Rosenlöf K, Laitinen E, Tenhunen R. Effect of exogenous erythropoietin on HAEM synthesis in anaemic patients with rheumatoid arthritis. *Br J Rheumatol* 1994; 33: 526–9.
 43. Pettersson Tom, Söderblom T, Nyberg P, Riska H, Linko L, Klockars M. Pleural fluid soluble interleukin 2 receptor in rheumatoid arthritis and systemic lupus erythematosus. *J Rheumatol* 1994; 21: 1820–4.
 44. Pölonen A. Ruokavalio elinsiirron jälkeen. *Munuainen/Njuren* 1994; 23: 8–9.
 45. Saijonmaa O. Endothelin-1: Plasma levels in cold pressor test and regulation in endothelial cells (Dissertation). Helsinki 1994.
 46. Saloranta C. Re-evaluation of the glucose-fatty acid cycle in man. (Dissertation). Helsinki 1994.
 47. Saloranta C, Groop L, Ekstrand A, Franssila-Kallunki A, Taskinen M-R. The effect of an antilipolytic agent (acipimox) on the insulin resistance of lipid and glucose metabolism in hypertriglyceridaemic patients. *Acta Diabetol* 1994; 31: 6–13.
 48. Santavirta N, Lillqvist G, Sarvimäki A, Honkanen V, Kontinen YT, Santavirta S. Teaching of patients undergoing total hip replacement surgery. *Int J Nurs Stud* 1994; 31: 135–42.
 49. Santavirta N, Sarvimäki A, Kontinen YT, Santavirta S. Teaching of patients suffering from rheumatoid cervical spine disorders. *Suomen Ortopedia ja Traumatologia* 1994; 17: 532–4.
 50. Santavirta S, Kontinen YT. Surgical treatment of rheumatoid cervical spine: Current concepts. *Suomen Ortopedia ja Traumatologia* 1994; 17: 499–507.
 51. Santavirta S, Nordström D, Takagi M, Kontinen YT. Local implant reactions: Activation of lymphocytes and mesenchymal cells. *Zbl Bakteriol* 1994; Suppl 27: 303–12.
 52. Schalin-Jäntti C, Yki-Järvinen H, Koranyi L, Bourey R, Lindström J, Nikula-Ijäs P, Franssila-Kallunki A, Groop L. Effect of insulin on GLUT-4 mRNA and protein concentrations in skeletal muscle of patients with NIDDM and their first-degree relatives. *Diabetologia* 1994; 37: 401–7.
 53. Shiozawa S, Kontinen YT. Pathogenesis of collagenous tissue destruction in rheumatoid arthritis with reference to synovial mesenchymal cell activation. *Suomen Ortopedia ja Traumatologia* 1994; 17: 456–61.
 54. Viberti G, Mogensen CE, Groop L, Pauls JF. Effect of captopril on progression to clinical proteinuria in patients with insulin-dependent diabetes mellitus and microalbuminuria. *JAMA* 1994; 271: 275–9.
 55. Widén E. Glucose metabolism in the diabetic and prediabetic state. Indications for treatment and prevention of type 2 diabetes (Dissertation). Helsinki 1994.