

Scientific publications from the Scandinavian Sarcoma Centers 1998–2003

Denmark

Aarhus

1998

Jensen ML, Schumacher B, Jensen OM, Nielsen OS, Keller J. Extraskelletal osteosarcomas: a clinicopathological study of 25 cases including immuno- and enzyme (alkaline phosphatase) histochemistry. *Am J Surg Pathol* 1998; 22: 588-94.

Jensen V, Sørensen FB, Bentzen S, Ladekarl M, Nielsen OS, Keller J, Jensen OM. Prognostic significance of proliferative activity (MIB-1 index) in soft tissue sarcomas. An immunohistochemical study including p53 and bcl-2 expression. *Histopathology* 1998; 32: 536-46.

Johansen R, Nielsen OS, Keller J. Functional outcome in sarcomas treated with limb salvage or amputation. *Sarcoma* 1998; 2: 19-23.

Nielsen OS, Bentzen SM, Sandberg E, Gadeberg CC, Timothy A. Randomized trial of single-dose versus fractionated palliative radiotherapy of bone metastases. *Radiother Oncol* 1998; 16: 233-40.

Nielsen OS, Dombrowsky P, Mouridsen H, Crowther D, Verweij J, Buese J, Steward W, Daugaard S, Van Glabbeke M, Kirkpatrick A, Tursz T. High dose epirubicin is not an alternative standard dose doxorubicin in the treatment of advanced soft tissue sarcomas. A study of the EORTC Soft Tissue and Bone Sarcoma Group. *Br J Cancer* 1998; 78(12): 1634-9.

Vraa S, Keller J, Nielsen OS, Sneppen O, Jurik AG, Jensen OM. Prognostic factors in soft-tissue sarcomas: The Aarhus experience. *Eur J Cancer* 1998; 34: 1876-82.

1999

Nielsen OS. Palliative radiotherapy of bone metastasis. There is now evidence for the use of single fractions (editorial). *Radiother Oncol* 1999; 52: 95-6.

Woll PJ, Judson I, Lee SM, Rodenhuis S, Nielsen OS, Buesa JM, Lorigan PC, Leyvraz S, Hermans C, van Glabbeke M, Verweij J. Temozolomide in adult patients with advanced soft tissue sarcoma: a phase II study of the EORTC Soft Tissue and Bone Sarcoma Group. *Eur J Cancer* 1999; 35(3): 410-2.

2000

Bentzen SM, Hoskin P, Ross D, Nielsen OS. Fractionated radiotherapy for metastatic bone pain: Evidence-based medicine or? (letter to the editor). *Int J Radiat Oncol Biol Phys* 2000; 46: 681-3.

Gwyther SJ, Nielsen OS, Judson IR, van Glabbeke M, Verweij J. Radiologist review versus group peer review of claimed responses in a phase II study on high-dose ifosfamide in advanced soft tissue sarcomas of adult: A study of the EORTC Soft Tissue and Bone Sarcoma Group. *Anticancer Drugs* 2000; 11: 433-7.

Nielsen OS, Dombrowsky P, Mouridsen H, Daugaard S, van Glabbeke M, Kirkpatrick A, Verweij J. Epirubicin is not superior to doxorubicin in the treatment of advanced soft tissue sarcomas. The experience of the EORTC soft tissue and bone sarcoma group. *Sarcoma* 2000; 4: 31-5.

Nielsen OS, Judson I, van Hoesele Q, le Cesne A, Keizer HJ, Blay JY, van Oosterom A, Radford JA, Svancarova L, Krzemienecki K, Hermans C, van Glabbeke M, Oosterhuis J. W., Verweij J.: Effect of high-dose ifosfamide in advanced soft tissue sarcomas. A multicenter phase II study of the EORTC Soft Tissue and Bone Sarcoma Group. *Eur J Cancer* 2000; 36: 61-7.

Sørensen A, Keller J, Nielsen OS, Jensen OM. Aggressiv fibromatose. *Ugeskr. læger* 2000; 162: 6676-8.

Vraae S, Keller J, Nielsen OS, Sneppen O, Jurik AG, Jensen OM. Prognostiske faktorer ved bløddelsarkomer. Erfaringer fra sarkomcentret i Århus. *Ugeskr. læger* 2000; 162: 931-5.

2001

Vraae S, Keller J, Nielsen OS, Jurik AG, Jensen OM. Prognostic factors in 155 patients treated for soft tissue sarcoma of the thigh: The influence of the surgical margin. *Acta Orthop Scand* 2001; 72: 72-7.

Judson I, Radford JA, Harris M, Blay JY, van Hoesele Q, le Cesne A, van Oosterom A, Verweij J, Kamy C, Hermans C, Donato di Paola E, Nielsen OS. Randomized phase II trial of pegylated liposomal doxorubicin (doxil/caelyx) versus doxorubicin in the treatment of advanced or metastatic soft tissue sarcoma. A study by the EORTC Soft Tissue and Bone Sarcoma Group. *Eur J Cancer* 2001; 37: 870-7.

Nielsen OS. 25th Anniversary Meeting of EORTC STBSG Meeting 2001 in Aarhus (introductory comment). *Sarcoma* 2001; 5: 157184.

Nielsen OS, Horsman M, Overgaard J. A future for hyperthermia in cancer treatment? (editorial comment). *Eur J Cancer* 2001; 37: 1587-9.

Nordsmark M, Alsner J, Keller J, Nielsen OS, Jensen OM, Overgaard J. Hypoxia in human soft tissue sarcomas: adverse impact on survival and no association with p53 mutations. *Br J Cancer* 2001; 84: 1070-5.

Van Oosterom AT, Judson I, Verweij J, Stroobants S, Donato di Paola E, Dimitrijevic S, Martens M, Webb A, Sciot R, Van Glabbeke M, Silberman S, Nielsen OS. Safety and efficacy of imatinib (STI571) in metastatic gastrointestinal stromal tumours: A phase I study. *Lancet* 2001; 358: 1421-3.

2002

di Paola ED, Nielsen OS. The EORTC Soft Tissue and Bone Sarcoma Group. *Eur J Cancer Suppl* 4 2002; 38: 138-41.

Nielsen OS, Keller JØ, Dombrowsky P. Sarkomer. *Ugeskr. Læger* 2002; 164: 3036-9.

Nielsen OS, O'Sullivan B. Retroperitoneal soft tissue sarcomas: A treatment challenge and a call for randomised trials (editorial). *Radiotherapy* 2002; 65: 133-6.

Svancarova L, Blay JY, Judson I, Verweij J, van Hoesele Q, van Oosterom AT, le Cesne A, Keizer HJ, Hermans C, van Glabbeke M, Nielsen OS. Gemcitabine in advanced soft tissue sarcomas of the adult. Phase II study of the EORTC Soft Tissue and Bone Sarcoma Group. *Eur J Cancer* 2002; 38: 556-9.

Sørensen A, Keller J, Nielsen OS, Jensen OM. Treatment of aggressive fibromatosis: A retrospective study of 72 patients followed for 1–27 years. *Acta Orthop Scand* 2002; 73: 213-9.

van Glabbeke M, Verweij J, Judson I, Nielsen OS. Progression free rate as the principal end-point for phase II trial on soft tissue sarcoma. *Eur J Cancer* 2002; 38: 543-9.

van Oosterom AT, Judson IR, Verweij J, Stroobants S, Dumez H, Donato di Paola E, Sciot R, Van Glabbeke M, Dimitrijevic S, Nielsen OS. Update of phase I study of imatinib (STI571) in advanced soft tissue sarcomas and gastrointestinal stromal tumors: a report of the EORTC Soft Tissue and Bone Sarcoma Group. *Eur J Cancer Suppl* 5 2002; 38: 83-7.

van Oosterom AT, Mouridsen HT, Nielsen OS, Dombernowsky P, Krzemiesiecki K, Judson I, Svancarova L, Spooner D, Hermans C, van Glabbeke M, Verweij J. Results of randomized studies of the EORTC Soft Tissue and Bone Sarcoma Group with two different ifosfamide regimens in first and second line chemotherapy in advanced soft tissue sarcoma patients. *Eur J Cancer* 2002; 38: 2397-406.

2003

Bentzen L, Keiding S, Nordmark M, Falborg L, Hansen SB, Keller J, Nielsen OS, Overgaard J. Tumour oxygenation assessed by 18F-fluoromisonidazole PET and polarographic needle electrodes in human soft tissue tumours. *Radiother Oncol* 2003; 67: 339-44.

Blay JY, van Glabbeke M, Verweij J, van Oosterom AT, Le Cesne A, Oosterhuis JW, Judson I, Nielsen OS. Advanced soft tissue sarcoma: A disease that is potentially curable for a subset of patient treated with chemotherapy. *Eur J Cancer* 2003; 39: 64-9.

Davidson M, Keller J, Jørgensen PH, Jurik AG, Nielsen OS, Jensen OM. Kirurgisk behandling af kæmpecelletumorer i knogle. *Ugeskr. Læger* 2003; 165: 3238-42.

Nielsen OS. Ny behandling af sarkomer – et nyt behandlings-gennembrud? Focus på Kræft og Sygepleje 2003; 2: 9-11.

Nielsen OS. Role of systemic treatment in adults soft tissue sarcomas. *Eur J Cancer* 1 suppl. 2003; 6: 249-59.

Nielsen OS, Blay JY, Judson IR, van Glabbeke M, Verweij J, van Oosterom AT. Metastatic soft tissue sarcomas: Progress and treatment options. A review of the EORTC Soft Tissue and Bone Sarcoma Group. *Am J Cancer* 2003; 2: 211-21.

Verweij J, van Oosterom A, Blay JY, Judson I, Rodenhuis S, Le Cesne A, Hogendoorn P, van Glabbeke M, Dimitrijevic S, Nielsen OS. Imatinib (STI-571): an active agent for gastrointestinal stromal tumours, but not yielding responses in other soft tissue sarcomas not selected for molecular target. Results from an EORTC Soft Tissue and Bone Sarcoma Group phase II study. *Eur J Cancer* 2003; 39: 2006-11.

Finland

Helsinki

1998

Benassi MS, Ragazzini P, Gamberi G, Sollazzo MR, Molendini L, Ferrari C, Merli M, Böhling T, Picci P. Adhesion molecules in high-grade soft tissue sarcomas: Correlation to clinical outcome. *Eur J Cancer* 1998; 34: 496-502.

Biscaglia R, Gasbarrini A, Böhling T, Bacchini P, Bertoni F, Picci P. Osteosarcoma of the foot - An easily misdiagnosed malignant tumor. *Mayo Clinic Proc* 1998; 73: 842-7.

Gamberi G, Benassi MS, Böhling T, Ragazzini P, Molendini L, Sollazzo MR, Ferrari C, Magagnoli G, Balladelli A, Picci P. C-myc and c-fos in human osteosarcoma: prognostic value of mRNA and protein expression. *Oncology* 1998; 55: 556-663.

Gamberi G, Benassi MS, Böhling T, Ragazzini P, Molendini L, Sollazzo MR, Merli M, Ferrari C, Magagnoli G, Bertoni F, Picci P. Prognostic relevance of c-myc gene expression in giant-cell tumor of bone. *J Orthopaed Res* 1998; 16: 1-7.

Huhtanen R, Blomqvist C, Wiklund T, Böhling T, Virolainen M, Tribukait B, Andersson L. Expression of cyclin A in soft tissue sarcoma correlates with tumour aggressiveness. *Cancer Res* 1999; 59: 2885-90.

Huhtanen RL, Blomqvist CP, Wiklund TA, Böhling TO, Virolainen MJ, Tukiainen EJ, Tribukait B, Andersson LA. A comparison of Ki-67 and S-phase fraction as prognostic variables in soft tissue sarcoma. *Br J Cancer* 1998; 79: 945-51.

Huhtanen R, Wiklund T, Blomqvist C, Böhling T, Virolainen M, Tribukait B, Andersson L. A high proliferation rate measured by cyclin A predicts a favourable chemotherapy response in soft tissue sarcoma patients. *Br J Cancer* 1999; 81: 1017-21.

Kämäräinen M, Miettinen M, Seppälä M, von Boguslawsky K, Benassi MS, Böhling T, Andersson LC. Epithelial expression of glycoladin in synovial sarcomas. *Int J Cancer* 1998; 76: 487-90.

Larramendy ML, Virolainen M, Tukiainen E, Elomaa I, Knuutila S. Chromosome 1q21 is recurrently gained in desmoid tumors. *Genes Chromosomes Cancer* 1998; 23: 183-6.

Nilbert M, Saeter G, Elomaa I, Monge OR, Alvegård TA. Ewing's sarcoma treatment in Scandinavia 1984-1990. 10-year results of the Scandinavian Sarcoma Group Protocol SSG IV. *Acta Oncol* 1998; 37: 375-8.

Skytting B, Bauer H, Perfekt R, Huhtanen R, Alvegård T, Berlin Ö, Gustafson P, Klepp R, Löfvenborg R, Saeter G, Trovik C, Wahlström O. Clinical Course in Synovial Sarcoma: A Scandinavian Sarcoma Group Study of 104 Patients. *Acta Orthop Scand* 1998; 70: 536-42.

Szymanska J, Serra M, Skytting B, Larsson O, Virolainen M, Åkerman M, Tarkkanen M, Huuhtanen R, Picci P, Bacchini P, Asko-Seljavaara S, Elomaa I, Knuutila S. Genetic imbalance in 67 synovial sarcomas evaluated by comparative genomic hybridization. *Genes Chromosomes Cancer* 1998; 23(3): 213-9.

Tarkkanen M, Böhling T, Gamberi G, Ragazzini P, Benassi MS, Kivioja A, Kallio P, Elomaa I, Picci P, Knuutila S. Comparative genomic hybridization of low-grade central osteosarcoma. *Mod Pathol* 1998; 11: 421-6.

Tarkkanen M, Huuhtanen R, Virolainen M, Wiklund T, Asko-Seljavaara S, Tukiainen E, Lepäntalo M, Elomaa I, Knuutila S. Comparison of genetic changes in primary sarcomas and their pulmonary metastases. *Genes Chromosomes Cancer* 1998; 25: 323-31.

Wolf M, Hemminki A, Kivioja A, Sistonen P, Kaitila I, Ervasti H, Kinnunen J, Karaharju E, Knuutila S. A novel splice site mutation of the EXT2 gene in a Finnish hereditary multiple exostoses family. Mutations in brief no.197. Online. *Human Mutation* 1998; 12(5): 362.

1999

Avizienyte E, Loukola A, Roth S, Hemminki A, Tarkkanen M, Salovaara R, Arola J, Büttow R, Husgafvel-Pursiainen K, Kokkola A, Järvinen H, Aaltonen L. LKB1 somatic mutations in sporadic tumors. *Am J Path* 1999; 154(3): 677-81.

Bauer HC, Alvegård TA, Berlin O, Erlanson M, Gustafson P, Kivioja A, Klepp R, Lehtinen T, Lindholm P, Moller TR, Rydholm A, Saeter G, Trovik CS, Wahlstrom O, Wiklund T. The Scandinavian Sarcoma Group Register. *Acta Orthop Scand Suppl* 1999; 285: 41-4.

Ferrari C, Böhling T, Benassi MS, Ferraro A, Gamberi G, Bacci G, Brach del Prever A, Sangiorgi L, Ragazzini P, Sollazzo MR, Balladelli A, Picci P. Secondary tumors in bone sarcomas after treatment with chemotherapy. *Cancer Detect Prev* 1999; 23: 368-374.

Huhtanen R, Blomqvist C, Böhling T, Wiklund T, Tukiainen E, Virolainen M, Tribukait B, Andersson LC. Expression of Cyclin A in soft tissue sarcomas correlates with tumor aggressiveness. *Cancer Res* 1999; 59: 2885-90.

Huhtanen R, Blomqvist C, Wiklund T, Böhling T, Virolainen M, Tukiainen E, Tribukait B, Andersson LC. A comparison of Ki-67 and S-phase fraction as prognostic variables in soft tissue sarcoma. *Br J Cancer* 1999; 79: 945-51.

Huhtanen R, Wiklund T, Blomqvist C, Böhling T, Virolainen M, Tribukait B, Andersson LC. Proliferation measured by Cyclin A predicts chemotherapy response in soft tissue sarcoma patients. *Br J Cancer* 1999; 81:1017-21.

- Larramendy ML, Mandahl N, Mertens F, Blomqvist C, Kivioja A, Karaharju E, Valle J, Böhling T, Tarkkanen M, Rydholm A, Akerman M, Bauer HCF, Anttila JP, Elomaa I, Knuutila S. Clinical significance of genetic imbalances revealed by comparative genomic hybridization in chondrosarcomas. *Hum Pathol* 1999; 30(10): 1247-53.
- Maula SM, Huuhtanen R, Blomqvist C, Wiklund T, Laurila P, Ristamäki R. Clinical significance of CD44 and CD44v6 in adult soft tissue sarcomas. *Br J Cancer*, 1999; 84: 224-52.
- Popov P, Tukiainen E, Blomqvist C, Huuhtanen R, Virolainen M, Virkkunen P, Asko-Seljavaara S. Soft tissue Sarcomas of the Lower Extremity: Surgical Treatment and Outcome. *Eur J Surg Oncol* 1999; 26: 679-85.
- Ragazzini P, Gamberi G, Benassi MS, Orlando C, Sestini R, Ferrari C, Molendini L, Sollazzo MR, Merli M, Magagnoli G, Bertoni F, Böhling T, Pazzagli M, Picci P. Analysis of SAS gene and CDK4 and MDM2 proteins in low-grade osteosarcoma. *Cancer Detect Prev* 1999; 23: 129-36.
- Tarkkanen M, Elomaa I, Blomqvist C, Kivioja A, Böhling T, Kellokumpu-Lehtinen P, Böhling T, Valle J, Knuutila S. DNA sequence copy number increase at 8q - a potential new prognostic marker in osteosarcoma. *Int J Cancer* 1999; 84(2): 114-21.
- Tarkkanen M, Huuhtanen R, Virolainen M, Wiklund T, Asko-Seljavaara S, Tukiainen E, Lepäntalo M, Elomaa I, Knuutila S. Comparison of genetic changes in primary sarcomas and their pulmonary metastases. *Genes Chromosomes Cancer* 25, 4, August, 1999; 323-31.
- Tarkkanen M, Kiuru-Kuhlefelt S, Blomqvist C, Armengol G, Böhling T, Ekfors T, Virolainen M, Lindholm P, Monge O, Picci P, Knuutila S, Elomaa I. Clinical correlations of genetic changes by comparative genomic hybridization in Ewings sarcoma and related tumors. *Cancer Gen Cytogenet* 1999; 114(1): 35-41.
- Wolf M, Tarkkanen M, Hulsebos T, Larramendy M, Forus A, Myklebost O, Aaltonen L, Elomaa I, Knuutila S. Characterization of the 17p amplicon in human sarcomas - microsatellite marker analysis. *Int J Cancer* 1999; 82: 329-33.
- 2000**
- Kivioja AH, Wolf M, Ervasti H, Kinnunen J, Kaitila I, Böhling T. Chondrosarcoma in a family with multiple hereditary exostoses. *J Bone Joint Surg (Br)* 2000; 82-B: 261-66, 2000.
- Olsson E, Sarlomo-Rikala M, Böhling T, Asko-Seljavaara S, Lassila R. Immunohistochemical evaluation of failed anastomoses in clinical microsurgery. *Br J Plast Surg*; 2000; 53: 567-73.
- Wolf M, El-Rifai W, Tarkkanen M, Kononen J, Serra M, Eriksen E F, Elomaa I, Kallioniemi A, Kallioniemi O-P, Knuutila S. Novel findings in gene expression detected in human osteosarcoma by cDNA microarray. *Cancer Gen Cytogenet* 2000; 123: 128-32.
- 2001**
- Haila S, Hästbacka J, Böhling T, Karjalainen-Lindsberg ML, Kere J, Saarialho-Kere U. Slc26a2 (diastrophic dysplasia sulfate transporter) is expressed in developing and mature cartilage but also other tissues and cell types. *J Histochem Cytochem* 2001; 49: 973-982.
- Joensuu H. Treatment of inoperable gastrointestinal stromal tumor (GIST) with imatinib (Gleevec, Gleevec). *Med Klin* 2001; 96: Suppl II: 1-3.
- Joensuu H, Roberts P, Sarlomo-Rikala M, Andersson L, Tervahartiala P, Tuveson D, Silberman S, Capdeville R, Dimitrijevic S, Druker B, Demetri G. Clinical response induced by the tyrosine kinase inhibitor STI571 in metastatic gastrointestinal stromal tumor expressing a mutant c-kit proto-oncogene. *N Engl J Med* 2001; 344: 1052-6.
- Kerkelä E, Böhling T, Herva R, Uria J, Saarialho-Kere U. Human macrophage metalloelastase (MMP-12) expression is induced in chondrocytes during fetal development and malignant transformation. *Bone* 2001; 29: 487-93.
- Olsson E, Svartling N, Asko-Seljavaara S, Lassila R. Activation of coagulation and fibrinolysis in microsurgical reconstructions in lower extremities. *Br J Plast Surg* 2001; 54: 597-603.
- Popov P, Virolainen M, Tukiainen E, Asko-Seljavaara S, Huuhtanen R, Knuutila S, Tarkkanen M. Primary Soft Tissue Sarcoma and Its Local Recurrence: Genetic Changes Studied by Comparative Genomic Hybridisation. *Mod Pathol* 2001; 14(10): 978-84.
- Serra M, Tarkkanen M, Baldini N, Scotlandi K, Sarti M, Maurici D, Manara MC, Benini S, Bacchini P, Knuutila S, Picci P. Simultaneous paired analysis of DNA content and numerical chromosomal aberrations in osteosarcoma. *Mod Pathol* 2001; 14(7): 710-6.
- Söderström M, Aro H, Ahonen M, Johansson N, Aho A, Ekfors T, Böhling T, Kähäri VM, Vuorio E. Expression of matrix metalloproteinases in human chondrosarcomas. *APMIS* 2001; 109: 305-15.
- Söderström M, Ekfors T, Böhling T, Aho A, Aro HT, Vuorio E.: Cysteine proteinases in chondrosarcoma. *Matrix Biol* 2001; 19: 717-25.
- Tarkkanen M, Wiklund TA, Virolainen MJ, Larramendy ML, Mandahl N, Mertens F, Blomqvist CP, Tukiainen EJ, Miettinen MMA, Elomaa AI, Knuutila YS. Comparative genomic hybridization of postirradiation sarcomas. *Cancer* 2001; 92: 1992-8.
- 2002**
- Demetri GD, von Mehren M, Blanke CD, van den Abbeele A, Eisenberg B, Roberts PJ, Heinrich MD, Tuveson D, Singer S, Janicek M., Fletcher JA, Silverman S, Harmon D, Silberman S, Capdeville R, Kiese B, Peng B, Dimitrijevic S, Druker B, Corless C, Fletcher CDM, Joensuu H. Antitumor effects of an oral selective tyrosine kinase inhibitor, imatinib mesylate, in patients with advanced gastrointestinal stromal tumors. *N Engl J Med* 2002; 347: 472-80.
- Hattinger CM, Pötschger U, Tarkkanen M, Squire J, Zielenska M, Kiuru-Kuhlefelt S, Kager L, Thorne P, Knuutila S, Niggli FK, Ambros PF, Gadner H, Betts DR. Prognostic Impact of Chromosomal Aberrations in Ewing Tumours. *Br J Cancer* 2002; 86(11):1763-9.
- Joensuu H, Dimitrijevic S, Silberman S, Roberts PJ, Demetri GD. Management of gastrointestinal stromal tumours. *Lancet Oncol* 2002; 3: 655-64.
- Meza-Zepeda LA, Forus A, Lygren B, Dahlberg AB, Godager LH, South A, Marenholz I, Lioumi M, Flørenes VA, Mælandsmo GM, Serra M, Mischke D, Nizetic D, Ragoussis J, Tarkkanen M, Nesland J, Knuutila S, Myklebost O. Positional cloning identifies a novel cyclophilin as a candidate amplified oncogene in 1q21. *Oncogene* 2002; 21, 2261-9.
- Silberman S, Joensuu H. Overview of issues related to imatinib therapy of advanced gastrointestinal stromal tumors: A discussion with experts. *Eur J Cancer* 2002; 38, Suppl 5, S66-S69.
- Söderström M, Böhling T, Ekfors T, Nelimarkka L, Aro H, Vuorio E. Molecular profiling of human chondrosarcomas for matrix production and cancer markers. *Int J Cancer* 2002; 100: 144-51.
- Tukiainen E, Saray S, Kuokkanen H, Asko-Seljavaara S. Salvage of major amputation stumps of the lower extremity with latissimus dorsi free flaps. *Scand J Plast Reconstr Surg Hand Surg* 2002; 36: 85-90.
- van Dartel M, Cornelissen PW, Redeker S, Tarkkanen M, Knuutila S, Hogendoorn PC, Westerveld A, Gomes I, Bras J, Hulsebos TJ. Amplification of 17p11.2 approximately p12, including PMP22, TOP3A, and MAPK7, in high-grade osteosarcoma. *Cancer Genet Cytogenet* 2002; 139(2): 91-6.
- 2003**

Heinrich MC, Corless CL, Demetri GD, Blanke CD, von Mehren M, Joensuu H, McGreevey LS, Chen C-J, Van den Abbeele, Druker B, Kiese B, Eisenberg B, Roberts P, Singer S, Fletcher CDM, Silberman S, Dimitrijevic S, Fletcher JA. KIT and PDGFRA mutations predict imatinib mesylate response. *J Clin Oncol* 2003; 21(23): 4342-9.

Smeland S, Muller C, Alvegård TA, Wiklund T, Wiebe T, Björk O, Stenwig AE, Willen H, Holmstrom T, Folleras G, Brosjö O, Kivioja A, Jonsson K, Monge O, Saeter G. Scandinavian Sarcoma Group Osteosarcoma Study SSG VIII: prognostic factors for outcome and the role of replacement salvage chemotherapy for poor histological responders. *Eur J Cancer* 2003; 39(4): 488-94.

Turku

1998

Aho AJ, Eskola J, Ekfors T, Manner I, Kouri T, Hollmen T. Immune responses and clinical outcome of massive human osteoarticular allografts. *Clin Orthop* 1998; Jan (346): 196-206.

Aho AJ, Hirn M, Aro HT, Heikkilä JT, Meurman O. Bone bank service in Finland. Experience of bacteriologic, serologic and clinical results of the Turkey Bone Bank 1972-1995. *Acta Orthop Scand* 1998; 69(6): 559-65.

Laitinen M, Marttinen A, Aho AJ, Lindholm TS. Bone morphogenetic protein in bone neoplasms: Comparison of different detection methods. *Eur Surg Research* 1998; 30: 168-74.

1999

Tarkkanen M, Kiuru-Kuhlefelt S, Blomqvist C, Armengol G, Böhling T, Ekfors T, Virolainen M, Lindholm P, Monge O, Picci P, Knuutila S, Elomaa I. Clinical correlations of genetic changes by comparative genomic hybridization in Ewing sarcoma and related tumors. *Cancer Genet Cytogenet* 1999; 114: 35-41.

2001

Parkkola RK, Mattila KT, Heikkilä JT, Ekfors TO, Kallajoki M, Komu MES, Vaara T, Aro H. Dynamic contrast-enhanced MR Imaging and MR-guided bone biopsy on a 0.23 T open Imager. *Skeletal Radiol* 2001; 30: 620-4.

Parkkola R, Mattila K, Heikkilä J, Ekfors T, Komu M, Vaara T, Aro H. MR-guided core biopsies of soft tissue tumours on an open 0.23T imager. *Acta Radiol* 2001; 42: 302-30.

Norway

Bergen

1998

Nilbert M, Sæter G, Elomaa I, Monge OR, Wiebe T, Alvegård TA. Ewing's sarcoma treatment in Scandinavia 1984-1990. *Acta Oncol* 1998; 37(4): 375-8.

Trovik CS, Bauer HCF, Brosjö O, Skoog L, Söderlund V. Fine needle aspiration cytology in the diagnosis of recurrent soft tissue sarcoma. *Cytopathology* 1998; 9: 320-8.

1999

Bauer HCF, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Kivioja A, Klepp R, Lehtinen T, Lindholm P, Möller TR, Rydholm A, Sæter G, Trovik CS, Wahlström O, Wiklund T. The Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 1999; 285(70): 41-4.

Elomaa I, Blomqvist C, Sæter G, Nilbert M, Monge OR, Wiebe T, Alvegård TA. Chemotherapy in Ewing's sarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 69-73.

Fernberg JO, Wiklund T, Monge O, Hall KS, Sæter G, Alvegård TA, Strander H. Chemotherapy in soft tissue sarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 62-8.

Sæter G, Wiebe T, Wiklund T, Monge O, Wahlqvist Y, Engstrom K, Forestier E, Holmström T, Stenwig AE, Willen H, Brosjö O, Folleras G, Alvegård TA, Strander H. Chemotherapy in osteosarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 74-82.

Skytting BT, Bauer HC, Perfekt R, Huhtanen R, Alvegård TA, Berlin Ö, Gustafson P, Klepp R, Lofvenberg R, Sæter G, Trovik CS, Wahlström O. Clinical course in synovial sarcoma: A Scandinavian sarcoma group study of 104 patients. *Acta Orthop Scand* 1999; 70(6): 536-42.

Tarkkanen M, Kiuru-Kuhlefelt S, Blomqvist C, Armengol G, Böhling T, Ekfors T, Virolainen M, Lindholm P, Monge O, Picci P, Knuutila S, Elomaa I. Clinical correlations of genetic changes by comparative genomic hybridization in Ewing sarcoma and related tumors. *Cancer Gen Cytogenet* 1999; 114(1): 35-41.

Trovik C, Bauer HCF. Local recurrence after Surgery for Soft Tissue Sarcoma: The Scandinavian Sarcoma Group experience. *Acta Orthop Scand* 1999; 285(70): 45-6.

2000

Trovik CS, Bauer HCF, Alvegård TA, Anderson H, Blomqvist C, Berlin Ö, Gustafson P, Sæter G, Wallöe A. Surgical Margins Local Recurrence and Survival in Soft Tissue Sarcoma. Study based on 559 patients from the Scandinavian Sarcoma Group Register. *Eur J Cancer* 2000; 36(6): 710-6.

Trovik CS, Gustafson P, Bauer HCF, Sæter G, Klepp R, Berlin Ö, Erlanson M, Wahlström O, Raabe N. Consequences of Local Recurrence of Soft Tissue Sarcoma. 205 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2000; 71(5): 488-95.

2001

Bauer HCF, Trovik CS, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Klepp R, Möller TR, Rydholm A, Sæter G, Wahlström O, Wiklund T. Monitoring Referral and Treatment in Soft Tissue Sarcoma: Study based on 1851 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2001; 72 (2): 150-9.

Trovik CS. Local Recurrence of Soft Tissue Sarcoma. A Scandinavian Sarcoma Group Project (thesis). *Acta Orthop Scand* 2001; 72(300): 1-31.

Trovik CS. Patologiske Frakturer. I Einar Sudmann (Red), Kompendium i Frakturbehandling, Bergen 2001 ISBN 82-991471-5-8.

Trovik CS, Bauer HCF, Anderson H, Berlin Ö, Tukiainen E, Erlanson M, Gustafson P, Klepp R, Sæter G, Wahlström O. Local recurrence in deep-seated, high-grade, soft tissue sarcoma. 459 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2001; 72 (2): 160-6.

2003

Hirth A, Pedersen PH, Baardsen R, Larsen JL, Krossnes BK, Helgestad J. Gamma knife radiosurgery in pediatric cerebral and skull base tumors. *Med Pediatr Oncol* 2003; 40(2): 99-103.

Hirth A, Pedersen PH, Wester K, Mork S, Helgestad J. Cerebral atypical teratoid/rhabdoid tumour of infancy: long-term survival after multimodal treatment, also including triple intrathecal chemotherapy and gamma knife radiosurgery - case report. *Pediatr Hematol Oncol* 2003; 20(4): 327-32.

Smeland S, Muller C, Alvegård TA, Wiklund T, Wiebe T, Björk O, Stenwig AE, Willen H, Holmstrom T, Folleras G, Brosjö O, Kivioja AS, Jonsson K, Monge O, Sæter G. Scandinavian Sarcoma Group Osteosarcoma Study SSG VIII: prognostic factors for outcome and the role of replacement salvage chemotherapy for poor histological responders. *Eur J Cancer* 2003; 39(4): 488-94.

Walløe A, Trovik C. Kirurgisk behandling av Skjelettmetastaser. Bruk av palliativ kirurgi i behandlingen av kreftpasienter. Senter for Medisinsk Metodevurdering (SMM). SMM-rapport nr 8/2003. SINTEF-Unimed.

Oslo

1998

Aurling E, Larsen RH, Olsen DR, et al. Selective eradication of micrometastases using ^{211}At -labelled antibodies. In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 70-1.

Bjørnland K, Winberg JO, Ødegaard OT, et al. S100A4 and involvement in metastasis: deregulation of MMP-2 and TIMP-2 in osteosarcoma cells transfected with an anti-S100A4 ribozyme. In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 126-30.

Bruland ØS and Pihl A. The many faces of osteosarcoma. Some dilemmas and challenges in its current management. In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 9-15.

Bruland ØS, Høifødt H, Breistøl, K, et al. Micrometastases in patients with osteosarcoma. Immunomagnetic detection of tumor cells present in peripheral blood and bone marrow aspirates. In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 65-6.

El-Rifai W, Sarlomo-Rikala M, Knuutila S, Miettinen M. DNA copy number changes in development and progression in leiomyosarcomas of soft tissues. *Am J Pathol* 1998; 153: 985-90.

Forus A, Berner JM, Meza-Zepeda L, et al. Molecular characterization of a novel amplicon at 1q21-q22 frequently observed in human sarcomas. *Br J Cancer* 1998; 78: 495-503.

Gautvik KM, Rian E, Bruland ØS, et al. Human osteosarcoma cells in bone research In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 101-2.

Hassfjell S, Skretting A, Bruland ØS, et al. Predicting detectability in radioguided surgery: A study based on physical characterization of the probe and on tissue uptake ratios of ^{125}I -, ^{153}Sm - and ^{165}Er -labeled radiopharmaceuticals. *Nucl Med Commun* 1998; 19: 207-17.

Høie J, Sæter G, Bruland Ø, et al. Selection of patients for thoracotomy-who can be cured by surgery? In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 62-4.

Kiuru-Kuhlefelt S, El-Rifai W, Sarlomo-Rikala M, Knuutila S, Miettinen M. DNA copy number changes in alveolar soft part sarcoma: comparative genomic hybridization study. *Mod Pathol* 1998; 11: 227-31.

Larsen RH and Bruland ØS. Intratumor injection of immunoglobulins labeled with the alpha-emitter ^{211}At : Analyses of tumor retention, microdistribution and growth delay. *Br J Cancer* 1998; 77 (7): 1115-22.

Larsen RH and Bruland ØS. Preliminary evaluation of a new radiolabeled bisphosphonate. *J Labelled Compds Radiopharm* 1998; 51: 823-30.

Lopes JM, Hannisdal E, Bjerkehagen B, et al. Synovial sarcoma. Evaluation of prognosis with emphasis on the study of DNA ploidy and proliferation (PCNA and Ki-67) markers. *Anal Cell Pathol* 1998; 16: 45-62.

Moe L, Aas M, Gamlem H, et al. Spontaneous osteosarcoma in dogs: clinical experience with targeted radionuclide therapy. In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 82-6.

Nilbert M, Sæter G, Elomaa I, et al. Ewing's sarcoma treatment in Scandinavia 1984-1990. Ten-year results of the Scandinavian Sarcoma Group protocol SSG IV. *Acta Oncol* 1998; 37: 375-8.

Nordal RR, Kristensen GB, Stenwig AE, et al. Immunohistochemical analysis of p53 protein in uterine sarcomas. *Gynecol Oncol* 1998; 70: 45-8.

Nordal RR. Uterine sarcomas in Norway 1956-1992. An epidemiological and clinicopathological study. Thesis. University of Oslo, 1998.

Olsen DR and Bruland ØS. Radiotherapy in Scandinavia. *Acta Oncol* 1998; 37 (6): 553-60.

Olsen DR and Bruland ØS. Is osteosarcoma a radioresistant tumor? In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 73-6.

Sæter G, Bruland ØS. High-grade osteosarcoma (OS): the scope beyond the "classical" patient. In: Towards the Eradication of Osteosarcoma Metastases: an Odyssey, ISBN 82-91929-02-5, Oslo 1998: 21-3.

1999

Aas M, Moe L, Gamlem H, Skretting A, Bruland ØS. Internal radionuclide therapy in dogs with primary osteosarcoma employing ^{153}Sm -EDTMP. *Clin Cancer Res* 1999; 5: 3148-52.

Alvegård TA, Bauer H, Blomqvist C, Möller T, Rydholm A, Sæter G. The Scandinavian Sarcoma Group. Background, organization and the Central Register – the first 20 years. *Acta Orthop Scand Suppl* 285 1999; 70: 3-7.

Bauer HCF, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Kivioja A, Klepp R, Lehtinen T, Lindholm P, Möller TR, Rydholm A, Sæter G, Trovik C, Wahlström O and Wiklund T. The Sarcoma Group Register. *Acta Orthop Scand Suppl* 285 1999; 70: 41-4.

Berner JM, Sørlie T, Mertens F, Henriksen J, Sæter G, Mandahl N, Brøgger A, Myklebost O, Lothe R. Chromosome band 9p21 is frequently altered in malignant peripheral nerve sheath tumours from patients with neurofibromatosis type 1. Studies of CDKN2A and other genes of the pRB pathway. *Genes Chromosomes Cancer* 1999; 26: 151-60.

Bjerkehagen B, Dietrich C, Reed W, Micci F, Sæter G, Berner AA, Nesland JM, Heim S. Extraskeletal myxoid chondrosarcoma: multimodal diagnosis and identification of a new cytogenetic subgroup characterized by t(9;17)(q22;q11). *Virchows Archiv* 1999; 435: 524-30.

Elomaa I, Blomqvist C, Sæter G, Nilbert M, Monge O, Wiebe T, Alvegård TA. Chemotherapy in Ewing's sarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 69-73.

Fernberg JO, Wiklund T, Monge O, Sundby Hall K, Sæter G, Alvegård TA, Strander H. Chemotherapy in soft tissue sarcoma. *Acta Orthop Scand Suppl* 285 1999; 70: 62-8.

Holmström T, Bohling T, Akerman M, Willén, Stenwig AT, Bertoni F. Diagnosis and tumor response in osteosarcoma and Ewing's sarcoma, according to treatment protocols SSG II, SSG VIII, ISG/SSG I, SSG IV and SSG IX. *Acta Orthop Scand Suppl* 285 1999; 70: 27-9.

Jemtland R, Rian E, Olstad OK, Haug E, Bruland ØS, Bucht E, Gautvik KM. Two human osteoblast-like osteosarcoma cell lines show distinct expression and differential regulation of parathyroid hormone-related protein. *J Bone and Mineral Res* 1999; 14: 904-14.

Larsen RH, Bruland ØS, Zalutsky. Radioimmunotherapy of osteosarcoma. Future prospects. In Riva P. ed.: "Cancer therapy with monoclonal antibodies", Harwood Ac Publ, ISBN90-5702-309-1, Amsterdam 1999: 209-29.

Larsen RH, Murud KM, Akabani G, Hoff P, Bruland ØS, Zalutsky MR. ^{211}At - and ^{131}I -labeled bisphosphonates with high in vivo stability and bone accumulation. *J Nucl Med* 1999; 40: 1197-1203.

- Meis-Kindblom JM, Bjerkehagen B, Bøhling T, Domanski H, Halvorsen TB, Larsson O, Lilleng P, Myhre-Jensen O, Stenwig E, Virolainen M, Willén H, Åkerman M, Kindblom LG. Morphologic review of 1000 soft tissue sarcomas from the Scandinavian Sarcoma Group (SSG) Register; The peer-review committee experience. *Acta Orthop Scand Suppl* 285 1999; 70: 50-7.
- Micci F, Teixeira MR, Dietrich CU, Sæter G, Bjerkehagen B, Heim S. Combined RxFISH/G-banding allows refined karyotyping of solid tumors. *Human Genetics* 1999; 104: 370-5.
- Olafsen T, Munthe Lund CK, Bruland ØS, Sandlie I, Michaelsen TE. Complement mediated lysis of cultured osteosarcoma cell lines using chimeric mouse/human TP-1 IgG1 and IgG3 antibodies. *Cancer Immuno. Immunother* 1999; 75: 755-83.
- Panagoupoulos I, Mencinger M, Dietrich CU, Bjerkehagen B, Sæter G, Mertens F, Mandahl N, Heim S. Fusion of RBP56 and CHN genes in extraskeletal myxoid chondrosarcomas with translocation t(9;17)(q22;q11). *Oncogene* 1999; 18(52): 7594-8.
- Pedeutour F, Forus A, Coindre JM, Berner J-M, Nicolo G, Michiels J-F, Terrier P, Bailly C, Collin F, Myklebost O, Turc-Carel C. Structure of ring and giant rod marker chromosomes in adipose tissue tumors: A study combining fluorescent in situ hybridization, comparative genomic hybridization, molecular analyses and immunohistochemistry. *Genes Chromosomes Cancer* 1999; 24: 30-41.
- Rydholm A, Gustafson P, Alvegård TA, Sæter G, Blomqvist C. Prognostic factors in soft tissue sarcoma. A review and the Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 50-7.
- Simons A, Schepens M, Forus A, Godager L, van Asseldonk M, Myklebost O, van Kessel AG. A novel chromosomal region of allelic loss, 4q32-q34, in human osteosarcomas revealed by representational difference analysis. *Genes Chromosomes Cancer* 1999; 26: 115-124.
- Skytting BT, Szymanska J, Aalto Y, Lushnikova T, Blomqvist C, Elomaa I, Larsson O, Knuutila S. Clinical importance of genomic imbalances in synovial sarcoma evaluated by comparative genomic hybridization. *Cancer Genet Cytogenet* 1999; 115: 39-46.
- Sæter G, Wiebe T, Wiklund T, Monge O, Wahlqvist Y, Engström K, Forestier E, Holmström T, Stenwig AE, Willén H, Brosjö O, Follerås G, Alvegård TA, Strander H. Chemotherapy in osteosarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 74-82.
- Winderen M, Stenwig AE, Solheim OP, Sæter G, Aas M. Dynamic bone scintigraphy for evaluation of tumor response after preoperative chemotherapy. A retrospective study of osteosarcoma and Ewing's sarcoma patients. *Acta Orthop Scand Suppl* 285 1999; 70: 11-7.
- Wolf M, Tarkkanen M, Hulsebos T, Larramendy ML, Forus A, Myklebost O, Aaltonen LA, Elomaa I & Knuutila S. Characterization of the 17p amplicon in human sarcomas - microsatellite marker analysis. *Int J Cancer* 1999; 82: 329-33.
- 2000**
- Aurlien A, Larsen RH, Olsen DR, Bruland ØS. Alpha-particle radioimmunotherapy versus external beam irradiation of human osteosarcoma and bone marrow: Analyses of microdosimetry and cell survival. *Int J Radiat Biol Phys* 2000; 76(8): 1129-41.
- Bauer HCF, Trovik C, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Klepp R, Möller TR, Rydholm A, Sæter G, Wahlström O, Wiklund T. Monitoring referral and treatment in soft tissue sarcoma: Study based on 1851 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2000; 72: 150-9.
- Brekken C, Bruland ØS, de L Davis C. Interstitial fluid pressure in human osteosarcoma xenografts: Significance of implantation site and the response to intratumoral injection of hyaluronidase. *Anticancer Res* 2000; 20(5), 3503-12.
- Brekken C, Hjelstuen MH, Bruland ØS and de L Davis C. Hyaluronidase-induced periodic modulation of the interstitial fluid pressure increases selective antibody uptake in human osteosarcoma xenografts. *Anticancer Res* 2000; 20(5): 3513-19.
- Bruland ØS, Pihl A. Targeted radiotherapy in the treatment of osteosarcoma. Radiobiological basis, clinical status and future prospects. In Abrams P and Fritzberg A eds "Radioimmunotherapy of Cancer". Marcel Dekker Inc. ISBN0-8247-0277-8. New York 2000: 323-37.
- Bruland ØS. Sarkomer – Kreft i binde og støttevev. Kreftsykkelie – Pasient, Utfordring, Handling. ISBN 82-7950-018-9. Reitan AM and Schjølberg TK (eds) 2000: 447-52.
- Elomaa I, Blomqvist CP, Sæter G, Åkerman M, Stenwig E, Wiebe T, Bjørk O, Alvegård TA. Five-year results in Ewing's sarcoma. The Scandinavian Sarcoma group experience with the SSG IX protocol. *Eur J Cancer* 2000; 36(7): 875-80.
- Kiuru-Kuhlefelt S, Sarlomo-Rikala M, Larramendy ML, Söderlund M, Hedman K, Miettinen M, Knuutila S. FGF4 and INT2 oncogenes are amplified and expressed in Kaposi's sarcoma. *Mod Pathol* 2000; 13: 433-7.
- Knuutila S. Sytogenetiikka ja molekyyliopatologia syöpätautien diagnostiikassa - esimerkkeinä lymfoomat ja sarkoomat. *Suom Lääkäril* 2000; 17: 1831-41.
- Lushnikova T, Knuutila S, Miettinen M. DNA copy number changes in epithelioid sarcoma and its variants: a comparative genomic hybridization study. *Mod Pathol* 2000; 13: 1092-6.
- Mertens F, Larramendy M, Gustafsson A, Gisselsson D, Rydholm A, Brosjö O, Mitelman F, Knuutila S, Mandahl N. Radiation-associated sarcomas are characterized by complex karyotypes with frequent rearrangements of chromosome arm 3p. *Cancer Genet Cytogenet* 2000; 116: 89-96.
- Simons A, Schepens M, Jeuken J, Sprenger S, van de Zande G, Bjerkehagen B, Forus A, Weibolt V, Molenaar I, van der Berg E, Myklebost O, Bridge J, van Kessel AG and Suijkerbuijk R. Frequent loss of 9p21 (p16^{INK4A}) and other genomic imbalances in human malignant fibrous histiocytoma. *Cancer Genet Cytogenet* 2000; 118(2): 89-98.
- Sirvent N, Forus A, Lescout W, Burel F, Benzaken S, Chazal M, Bourgeon A, Vermeesch JR, Myklebost O, Turc-Carel C, Ayraud N, Coindre JM, Pedeutour F. Characterization of centromere alterations in liposarcomas. *Genes Chromosomes Cancer* 2000; 29: 117-29.
- Skjeldal S, Lillås F, Follerås G, Stenwig AS, Samset E, Tillung T, Fosse E. Real time MRI-guided excision and cryo-treatment of osteoid osteoma in os ischii - a case report. *Acta Orthop Scand* 2000; 71(6): 637-8.
- Trovik C, Bauer HCF, Anderson H, Berlin Ö, Tukiainen E, Erlanson M, Gustafson P, Klepp R, Sæter G and Wahlström O. Local recurrence in deep-stated high-grade soft tissue sarcoma. 459 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2000; 72: 160-6.
- Trovik C, Gustafson P, Bauer HCF, Sæter G, Klepp R, Berlin Ö, Erlanson M, Wahlström, Raabe N. Consequences of local recurrence of soft tissue sarcoma. 205 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2000; 71: 488-95.
- Trovik CS, Bauer HCF, Alvegård T, Anderson H, Blomqvist C, Berlin Ö, Gustafson P, Sæter G, Walløe A. Surgical margins, local recurrence and metastasis in soft tissue sarcoma; 559 surgically-treated patients from the Scandinavian Sarcoma Group Register. *Eur J Cancer* 2000; 36(6): 710-6.
- 2001**
- Bauer HCF, Trovik CS, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Klepp R, Möller TR, Rydholm A, Sæter G, Wahlström O, Wiklund T. Monitoring referral and treatment in soft tissue sarcoma: Study based on 1851 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand*, 2001; 72: 150-9.

- Fodstad Ø, Høifødt HK, Faye R, Bruland ØS, Holstad L, Aamdal S. Immunomagnetic detection of micrometastatic cells in bone marrow predicts survival of patients with malignant melanoma and osteosarcoma. *Proc Am Assoc Cancer Res*, 2001; 1542.
- Forus A, Bjerkehaugen B, Sirvent N, Meza-Zepeda LA, Coindre J-M, Berner J-M, Myklebost O, Pedetour F. A new type of chromosome 12-derived markers found in a well-differentiated liposarcoma. *Cancer Genet Cytogenet* 2001; 131: 13-8.
- Forus A, D'Angelo A, Henriksen J, Merla G, Maelandsmo GM, Flørenes VA, Olivieri S, Bjerkehaugen B, Meza-Zepeda LA, Del Vecchio Blanco F, Müller C, Sanvito F, Kononen J, Nesland JM, Fodstad Ø, Reymond A, Kallioniemi OP, Arrighoni G, Ballabio A, Myklebost O, Zollo M. Amplification and overexpression of PRUNE in human sarcomas and breast carcinomas - a possible mechanism for altering the nm23-H1 activity. *Oncogene* 2001; 20: 6881-90.
- Forus A, Larramendy ML, Meza-Zepeda LA, Bjerkehaugen B, Godager L, Dahlberg AB, Sæter G, Knuutila S, Myklebust O. Dedifferentiation of a well-differentiated liposarcoma to a highly malignant metastatic osteosarcoma: amplification of 12q14 at all stages and gain of 1q22-q24 associated with metastases. *Cancer Genet Cytogenet* 2001; 125: 100-11.
- Hassfjell S, Ingebrigtsen K, Bruland ØS. Synthesis, purification and biodistribution of ²⁰⁵Bi-DOTMP, visualizing bone deposition patterns with autoradiography. *Nucl Med Biol* 2001; 28: 425-33.
- Hauser M. Rib biopsy using CT-guidance: concept, technique, and instrumentation. *Radiology* 2001; 221(P): 666.
- Hauser M, Lloret I, Skjeldal S. Upper and lower extremity compartmental anatomy in the planning of CT-guided musculoskeletal biopsies: a pictorial review. *Radiology* 2001; 221(P): 661.
- Hovig E, Myklebost O, Aamdal S, Smeland EB. Genterapi ved kreft. *Tidsskr NorLægefor* 2001; 121(4): 482-8.
- Kiuru-Kuhlefelt S, El-Rifai W, Fanburg-Smith J, Kere J, Miettinen M, Knuutila S. Concomitant DNA copy number amplification at 17q and 22q in dermatofibrosarcoma protuberans. *Cytogenet Cell Genet* 2001; 92: 192-5.
- Kvinnslund Y, Skretting A, Bruland ØS. Radionuclide therapy with bone-seeking radiopharmaceuticals: Monte Carlo calculations of dose-volume histograms for bone marrow in trabecular bone. *Physics Med Biol* 2001; 46: 1149-61.
- Lothe RA, Smith-Sørensen B, Hektoen M, Stenwig AE, Mandahl N, Sæter G, Mertens F. Biallelic inactivation of TP3 rarely contributes to the development of malignant peripheral nerve sheath tumors. *Genes Chromosomes Cancer* 2001; 30: 202-6.
- Menghi-Sartorio S, Mandahl N, Mertens F, Picci P, Knuutila S. DNA copy number amplifications in sarcomas with homogeneously staining regions and double minutes. *Cytometry* 2001; 46: 79-84.
- Mertens F, Lothe RA. Peripheral nerve sheath tumors. *Atlas Genet Cytogenet Oncol Haematol*. URL, 2001.
- Meza-Zepeda LA, Berner JM, South A, Henriksen J, Dahlberg AB, Godager LH, Pedetour F, Nizetic D, Forus A, Myklebost O. Characterisation of ectopic sequences from tumour-associated, truncated HMGIC genes shows recurrent involvement of specific chromosomal regions. *Genes Chromosomes Cancer* 2001; 31: 264-73.
- Onda M, Olafsen T, Tsutsumi Y, Bruland ØS, Pastan I. Cytotoxicity of anti-osteosarcoma recombinant immunotoxins composed of TP-3 Fv fragments and truncated Pseudomonas Exotoxin A. *J Immunother* 2001; 24: 144-50.
- Pedetour F, Bjerkehaugen B, Sirvent N, Meza-Zepeda L, Coindre JM, Berner JM, Myklebost O, Forus A. A new type of chromosome 12 derived markers found in a well-differentiated liposarcoma proceedings of the AACR, 2001.
- Picci P, Vanel D, Briccoli A, Talle K, Haakenaasen U, Malaguti C, Monti C, Ferrari S, Bacci G, Saeter G, Alvegard TA. Computed tomography of pulmonary metastases from osteosarcoma: the less poor technique. *Ann Oncol* 2001; 12: 1601-4.
- Schutte BC, Carpten JD, Forus A, Gregory SG, Horii A, White PS. Report of the sixth international workshop on human chromosome 1 mapping 2000. *Cytogenet Cell Genet* 2001; 92: 23-41.
- Trovik CS, Bauer HCF, Andersson H, Berlin O, Blomqvist C, Erlanson M, Gustafson P, Klepp R, Sæter G, Wahlström O. Local recurrence of deep-seated, high-grade, soft tissue sarcoma: 459 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2001; 72: 160-6.
- ## 2002
- Anderson PM, Wiseman GA, Dispenzeri A, Arndt C, Hartman LC, Smithson WA, Mullan BP, Bruland ØS. High dose 153-samarium Ethylene Diamine Tetramethylene Phosphonate: Low toxicity of skeletal irradiation in patients with osteosarcoma and bone metastases. *J Clin Oncology* 2002; 20(1): 189-96.
- Ayala AG, Czerniak B, Raymond AK, Knuutila S. Periosteal osteosarcoma. In *World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone*, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon 2002: 282-3.
- Bacci G, Mercuri M, Ferrari S, Longhi A, Alvegard T, Saeter G, Donati D, Manfrini M, Lari S, Forni C. High-dose ifosfamide in combination with high-dose methotrexate, doxorubicin and cisplatin in the neoadjuvant treatment of osteosarcoma of the extremities: Preliminary results of a Rizzoli-Scandinavian Sarcoma Group pilot study. *J Chemother* 2002; 14: 198-206.
- Brekken C, Veliyulin E, Singstad TE, Frengen J, Eikenes L, Davies CD, Bruland ØS, Gribbestad IS. Chemoradiation of human osteosarcoma in mice: Early response assessment by magnetic resonance imaging. *Int J Cancer*, 2002; 13: 95.
- Chow E, Jackson SY, Hoskin P, Cola LR, Bentzen SM, Blitzer PH (on behalf of the International Bone Metastases Consensus Working Party - Bruland ØS, member). International consensus on palliative radiotherapy endpoints for future clinical trials in bone metastases. *Radiother Oncol* 2002; 64: 275-80.
- Davies CDL, Bruland ØS, Tari MR. Hylauronidase improves distribution of liposomal doxorubicin in human osteosarcoma xenografts. *Int J Cancer* 2002; 13: 425.
- Dickens DS, Kozielski R, Khan J, Forus A, Cripe TP. Cyclooxygenase-2 Expression in Pediatric Sarcomas. *Pediatr Dev Pathol* 2002; 5: 356-64.
- Eikenes L, Bruland ØS, Davies CDL. Collagenase increases the transcapillary gradient and the antibody uptake in human osteosarcoma xenografts. *Int J Cancer* 2002; 13: 151-2.
- Forest M, de Piniex G, Knuutila S. Secondary osteosarcomas. In *World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone*, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon 2002: 277-8.
- Hall KS, Smeland S, Trovik C, Monge O, Follerås G. Sarkomer. In: *Cytostatika - medikamentell kreftbehandling* (in Norwegian). Institutt for farmakoterapi og Den Norske Kreftforening. 7. utg. 2002 (nettutgave)
- Hauser M, Lloret I, Skjeldal S. Pelvic compartmental anatomy in the planning of image-guided musculoskeletal biopsies: a pictorial review. *Radiology* 2002; 225(P): 729-30.
- Hauser M, Lloret I, Skjeldal S. Stepwise approach to image-guided biopsy of cystic bone lesions: a pictorial review. *Radiology* 2002; 225(P): 730.
- Heim S. Chondro-osseous tumors. In: *World Health Organization Classification of Tumours: Pathology and genetics of tumours of soft tissue and bone*. (Eds: Fletcher CDM, Unni KK, Mertens F. IARC Press, Lyon, 2002.

- Henriksen G, Breistøl K, Bruland ØS, Fodstad Ø, Larsen R. Significant antitumor effect from bone-seeking, alpha particle-emitting radium-223 demonstrated in an experimental skeletal metastases model. *Cancer Res* 2002; 62: 3120-5.
- Inwards CY, Knuutila S. Low grade central osteosarcoma. In World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon, 2002: 275-6.
- Kvinnslund Y, Bruland ØS, Moe L, Skretting A. A method for measurement of the uptake patterns of two beta-emitting radionuclides in the same tissue section with a digital silicon detector: Application to a study of 89-strontium and 153-samariumEDTMP in a dog with spontaneous osteosarcoma. *Eur J Nucl Med* 2002; 29: 191-7.
- Lamovec J, Knuutila S. Kaposi sarcoma. In World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon, 2002; 170-2.
- Mandahl N, Gustafson P, Mertens F, Åkerman M, Baldetorp B, Gisselsson D, Knuutila S, Bauer HCF, Larsson O. Cytogenetic aberrations and their prognostic impact in chondrosarcoma. *Genes Chromosomes Cancer* 2002; 33: 188-200.
- Matsuno T, Okada K, Knuutila S. Telangiectatic osteosarcoma. In World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon, 2002: 271-2.
- Meza-Zepeda LA, Forus A, Lygren B, Dahlberg AB, Godager LH, South A, Marenholtz I, Lioimi M, Flørenes VA, Mælansmo GM, Serra M, Mischke D, Nizetic D, Ragoussis I, Tarkkanen M, Nesland J, Knuutila S, Myklebost O. Positional cloning identifies a novel cyclophilin as a candidate amplified oncogene in 1q21. *Oncogene* 2002; 21: 2261-9.
- Micci F, Teixeira MR, Bjerkehagen B, Heim S. Characterization of supernumerary rings and giant marker chromosomes in well-differentiated lipomatous tumors by a combination of G-banding, CGH, M-FISH, and chromosome- and locus-specific FISH. *Cytogen Genome Res* 2002; 97: 13-9.
- Mikkelsen IM, Johnsen JI, Halvorsen H, Bruland ØS, Flægstad T. Human osteosarcoma and neuroblastoma cell lines are sensitized to apoptosis by TRAIL and interferon-gamma treatment. *Int J Cancer* 2002; 13: 166.
- Olerud HM, Ølberg S, Widmark A, Hauser M. Physician and patient radiation dose in various CT-guided biopsy protocols. Book of Abstracts, 6th European ALARA Network on "Occupational Optimisation in the Medical Field and Radiopharmaceutical Industry". Madrid, 23-25 October 2002.
- Panagoupolous I, Mertens F, Isaksson M, Domanski H.A, Brosjö O, Heim S, Bjerkehagen B, Sciort R, Dal Cin P, Fletcher J.A, Fletcher CDM, Mandahl N. Molecular genetic characterization of the EWS/CHN and RBP56/CHN fusion genes in extraskeletal myxoid chondrosarcoma. *Genes Chromosomes and Cancer* 2002; 35: 13-9.
- Raymond AK, Ayala AG, Knuutila S. Conventional osteosarcoma. In World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon, 2002: 264-70.
- Scheistrøen M, Nordal R, Onsrud M, Lie K, Hall KS. Uterussarkom. In: *Veileder i gynekologisk onkologi* 2002: 117-122.
- Smeland S, Bruland ØS, Jakobson Aa, Strander H. Is there a role of immunotherapy in the current management of osteosarcoma? *Int J Cancer* 2002; 13: 37-8.
- Smeland S, Müller C, Alvegård TA, Wiklund T, Wiebe T, Björk O, Stenwig AE, Willen H, Holmström T, Follerås G, Brosjö O, Kivioja A, Jönsson K, Monge O, Sæter G. Scandinavian Sarcoma Group Osteosarcoma Study SSG VIII prognostic factors for outcome and the role of replacement salvage chemotherapy for poor histological responders. *Eur J Cancer* 2002; 39(4): 488-94.
- Sæter G, Sundby Hall K, Bruland Ø.S, Solheim Ø.P, Høie J, Follerås G, Helgerud P, Stenwig AE, Bjerkehagen B, Talle K, Taksdal I, Winderen M. Bein- og bløtvevssarkomer behandlet ved Det Norske Radiumhospital 1980-99. *Tidsskr Nor Lægeforen* 2002; 122: 2089-94.
- Unni KK, Knuutila S. Parosteal osteosarcoma. In World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon, 2002: 279-81.
- Wold L, McCarthy E, Knuutila S. High grade surface osteosarcoma. In World Health Organization Classification of Tumours. Pathology & Genetics, Tumours of Soft Tissue and Bone, Fletcher CDM, Unni KK & Mertens F (eds). IARC Press, Lyon, 2002: 284-5.
- Xie Y, Skytting B, Nilsson G, Grimer RJ, Mangham CD, Fisher C, Shipley J, Bjerkehagen B, Myklebost O, Larsson O. The SYT-SSX1 fusion type of synovial sarcoma is associated with increased expression of cyclin A and D1. A link between t(X;18) (p11.2; q11.2) and the cell cycle machinery. *Oncogene* 2002; 21: 5791-6.

2003

- Brandal P, Micci F, Bjerkehagen B, Eknæs M, Larramendy M, Lothe RA, Knuutila S, Heim S. Molecular cytogenetic characterization of desmoid tumors. *Cancer Genet Cytogenet* 2003; 146: 1-7.
- Henriksen G, Fisher DR, Roeske JC, Bruland ØS, Larsen R. Targeting of osseous sites with alpha emitting ²²³Ra: Comparison with beta emitter ⁸⁹Sr(Metastron) with particular emphasis on biodistribution and dosimetry. *J Nucl Med* 2003; 44(2): 252-9.

Gothenburg

1998

- Asp J, Thormemo M, Inerot S, Lindahl A. The helix-loop-helix transcription factors Id1 and Id3 have a role in control of cell division in human normal and neoplastic chondrocytes. *FEBS Letters* 1998; 438(1-2): 85-90.
- Berlin Ö, Trovik CS, Bauer HCF. 63 soft tissue sarcomas with two or more local recurrences in the Scandinavian Sarcoma Group Central Registry - a preliminary report. *Acta Orthop Scand* 1998; 69: 32.
- Coffin CM, Dehner LP, Meis-Kindblom JM. Inflammatory myofibroblastic tumor, inflammatory fibrosarcoma, and related lesions: an historical overview with differential diagnostic considerations. *Seminars in Diagn Pathol* 1998; 15: 102-10.
- Fanburg-Smith JC, Meis-Kindblom JM, Fante R, Kindblom LG. Malignant granular cell tumor of soft tissue: Diagnostic criteria and clinicopathologic correlation. *Am J Surg Pathol*, 1998; 22: 779-94.
- Gisselsson D, Andreasson P, Meis-Kindblom JM, Kindblom LG, Mertens F, Mandahl N. Amplification of 12q13 and 12q15 sequences in a sclerosing epithelioid fibrosarcoma. *Cancer Genet Cytogenet* 1998; 107: 102-6.
- Kindblom LG, Meis-Kindblom JM, Havel G, Busch C. Benign epithelioid schwannoma. *Am J Surg Pathol* 1998; 22: 762-70.
- Kindblom LG, Meis-Kindblom JM, Stenman G, Gunterberg B. Muskuloskeletalt tumörforskning på frammarsch. *Corpus Medicum* 1998; 1: 2-9.

- Kindblom LG, Meis-Kindblom JM, Widéhn S: To the Editor. Reply. "Unique secretion phenomenon in lipogenic tumors". *Hum Pathol* 1998; 29: 99-100.
- Kindblom LG, Remotti H, Aldenborg F, Meis-Kindblom JM. Gastrointestinal pacemaker cell tumor (GIPACT) – Gastrointestinal stromal tumors show phenotypic characteristics of the interstitial cells of Cajal. *Am J Pathol* 1998; 152: 1259-69.
- Meis-Kindblom JM, Kindblom LG. Acral myxoinflammatory fibroblastic sarcoma: A low grade tumor of the hands and feet. *Am J Surg Pathol* 1998; 22: 911-24.
- Meis-Kindblom JM, Kindblom LG. Angiosarcoma of soft tissue. A study of 80 cases. *Am J Surg Pathol* 1998; 22: 683-97.
- Meis-Kindblom JM, Kjellström C, Kindblom LG. Inflammatory fibrosarcoma: Update, reappraisal and perspective on its place in the spectrum of inflammatory myofibroblastic tumors. *Seminars in Diagn Pathol* 1998; 15: 133-43.
- 1999**
- Angervall L, Persson S, Stenman G, Kindblom LG. Large cell, epithelioid, teleangiatic osteoblastoma: a unique pseudo-sarcomatous variant of osteoblastoma. *Hum Pathol* 1999; 30: 1254-9.
- Bergh P, Meis-Kindblom JM, Gherlinzoni F, Berlin Ö, Bacchini P, Bertoni F, Gunterberg B, Kindblom LG. Synovial sarcoma: Identification of high and low risk groups. *Cancer* 1999; 85: 2596-607.
- Helou K, Wallenius V, Qiu Y, Öhman F, Ståhl F, Klinga-Levan K, Kindblom LG, Mandahl N, Jansson JO, Levan G. Amplification and overexpression of the hepatocyte growth factor receptor (HGFR/MET) in rat DMBA sarcomas. 1999; 18(21): 3226-34.
- Meis-Kindblom JM, Bergh P, Gunterberg B, Kindblom LG. Extraskeletal myxoid chondrosarcoma A reappraisal of its morphologic spectrum and prognostic factors based on 117 cases. *Am J Surg Pathol* 1999; 23(6): 636-50.
- Meis-Kindblom JM, Bjerkehagen B, Bölling T, Domanski H, Halvorsen TB, Larsson O, Lilleng P, Myhre-Jensen O, Stenwig E, Virolainen M, Willén H, Åkerman M, Kindblom LG. Morphologic review of 1000 soft tissue sarcomas from the Scandinavian Sarcoma Group (SSG) Register: The peer review committee experience. *Acta Orthop Scand Suppl* 285 1999; 70: 18-26.
- Sjögren H, Meis-Kindblom J, Kindblom L-G, Åman P, Stenman G. Fusion of the EWS related gene TAF2N to TEC in extraskeletal myxoid chondrosarcoma. *Cancer Res* 1999; 59: 5064-7.
- Skytting B, Meis-Kindblom J, Larsson O, Virolainen, Perfekt R, Åkerman M, Kindblom L-G. Synovial sarcoma - identification of favorable and unfavorable histologic types: A Scandinavian sarcoma group study of 104 cases. *Acta Orthop Scand* 1999; 70: 543-54.
- 2000**
- Asp J, Sangiorgi L, Inerot SE, Lindahl A, Molendini L, Benassi MS, Picci P. Changes of the p16 gene but not the p53 gene in human chondrosarcoma tissues. *Int J Cancer* 2000; 85(6): 782-6.
- Bergh P, Kindblom LG, Gunterberg B, Remotti F, Ryd W, Meis-Kindblom JM. Prognostic factors in chordomas of the sacrum and mobile spine: a study of 39 patients. *Cancer* 2000; 88: 2122-34.
- Breiner JA, Meis-Kindblom J, Kindblom LG, McComb E, Liu J, Nelson M, Bridge JA. Loss of 14q and 22q in gastrointestinal stromal tumors (pacemaker cell tumors). *Cancer Genet Cytogenet* 2000; 120: 111-6.
- Girmita L, Gimita A, Wang M, Meis-Kindblom JM, Kindblom LG, Larsson O. A link between basic fibroblast growth factor (bFGF) and EWS/FLI-1 in Ewing's sarcoma cells. *Oncogene* 2000; 19: 4298-301.
- Sjögren H, Wedell B, Meis-Kindblom JM, Kindblom LG, Stenman G. Fusion of the NH2-terminal domain of the basic HLH protein TCF12 to TEC in an extraskeletal myxoid chondrosarcoma with translocation of t(9;15)(q22;q21)1. *Cancer Res* 2000; 60: 6832-5.
- Trovik CS, Bauer HCF, Alvegård TA, Anderson H, Blomquist C, Berlin Ö, Gustafson P, Saeter G, Wallöe A. Surgical margin, local recurrence and metastasis in soft tissue sarcoma; 559 surgically-treated patients from the Scandinavian Sarcoma Group Register. *Eur J Cancer* 2000; 36(6): 710-6.
- Trovik CS, Gustafson P, Bauer HCF, Saeter G, Klepp R, Berlin Ö, Erlanson M, Wahlström O, Raabe N. Consequences of local recurrence of soft tissue sarcoma. 205 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2000; 71: 488-95.
- Wallenius VR, Hisaoka M, Helou K, Levan G, Mandahl N, Meis-Kindblom JM, Kindblom LG, Jansson JO. Overexpression of the hepatocyte growth factor (HGF) receptor (Met) and presence of truncated activated intracellular HGF receptor fragment in locally aggressive/malignant human musculoskeletal tumors. *Am J Pathol* 2000; 156: 821-9.
- 2001**
- Asp J, Brantsing C, Benassi MS, Inerot S, Sangiorgi L, Picci P, Lindahl A. Changes in p14(ARF) do not play a primary role in human chondrosarcoma tissues. *Int J Cancer* 2001; 93(5): 703-5.
- Asp J, Inerot S, Block JA, Lindahl A. Alterations in the regulatory pathway involving p16, pRb and cdk4 in human chondrosarcoma. *J Orthop Res* 2001; 19(1): 149-54.
- Bauer HCF, Trovik CS, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Klepp R, Möller TR, Rydholm A, Saeter G, Wahlström O, Wiklund T. Monitoring referral and treatment in soft tissue sarcoma: Study based on 1851 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2001; 72: 150-9.
- Bergh P, Gunterberg B, Meis-Kindblom JM, Kindblom LG. Prognostic factors and outcome of pelvic, sacral and spinal chondrosarcomas: a center-based study of 69 cases. *Cancer* 2001; 91: 1201-12.
- Einbeigi Z, Bergman A, Kindblom LG, Martinsson T, Meis-Kindblom JM, Nordling M, Suurkula M, Wahlström J, Wallgren A, Karlsson P. A founder mutation of the BRCA1 gene in western Sweden associated with a high incidence of breast and ovarian cancer. *Eur J Cancer* 2001; 37: 1904-9.
- Gebre-Medhin M, Kindblom LG, Wennbo H, Törnell J, Meis-Kindblom JM. Growth hormone receptor is expressed in human breast cancer. *Am J Pathol* 2001; 158: 1217-22.
- Lemos M, Kindblom LG, Meis-Kindblom JM, Ryd W, Willén H. Fine needle aspiration characteristics of hibernoma. *Cancer Cytology* 2001; 93: 206-10.
- Lemos M, Kindblom LG, Meis-Kindblom JM, Ryd W, Willén H. Fine needle aspiration features of pilomatixoma. *Cancer Cytology* 2001; 93: 252-6.
- Meis-Kindblom JM, Sjögren H, LG Kindblom, Peydró-Mellquist A, Röjjer E, Åman P, Stenman G. Cytogenetic and molecular genetic analyses of liposarcoma and its soft tissue simulators: recognition of new variants and differential diagnosis. *Virchows Arch* 2001; 439: 141-51.
- Sheng WQ, Hashimoto H, Okamoto S, Ishida T, Meis-Kindblom JM, Kindblom LG, Hisaoka M. Expression of COL1A1-PDGFB fusion transcripts in superficial adult fibrosarcoma suggests a close relationship to dermatofibrosarcoma protuberans. *J Pathol* 2001; 194: 88-94.
- Sheng WQ, Hisaoka M, Okamoto S, Tanaka A, Meis-Kindblom JM, Kindblom LG, Ishida T, Nojima T, Hashimoto H. Congenital-infantile fibrosarcoma: A clinicopathologic study of 10 cases and molecular detection of the ETV6-NTRK3 fusion transcript using paraffin-embedded tissues. *Am J Clin Pathol* 2001; 115: 348-55.

- Trovik CS, Bauer HCF, Berlin Ö, Tukiainen E, Erlanson M, Gustafson P, Klepp R, Saeter G, Wahlström O. Local recurrence of deep-seated, high-grade, soft tissue sarcoma: 459 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2001; 72: 160-6.
- 2002**
- Abramsson A, Berlin Ö, Papayan H, Paulin D, Shani M, Betsholtz C. Analysis of mural cell recruitment to tumor vessels. *Circulation* 2002; 105: 112-7.
- Andersson J, Sjögren H, Meis-Kindblom JM, Stenman G, Åman P, Kindblom LG. The complexity of KIT gene mutations and chromosome rearrangements and their clinical correlation in gastrointestinal stromal (pacemaker cell) tumors. *Am J Pathol* 2002; 160: 15-22.
- Einbeigi Z, Meis-Kindblom JM, Kindblom LG, Wallgren A, Karlsson P. Clustering of individuals with both breast and ovarian cancer - a possible indicator of BRCA founder mutations. *Acta Oncol* 2002; 41: 153-7.
- Kindblom L-G, Meis-Kindblom JM, in WHO Classification of Tumors. Volume 4. Pathology and Genetics of Soft Tissue Tumors. 2002. Eds Kleihues P, Unni KK, Mertens F, Fletcher CD, Sobin L. IARC. "Chondroid Lipoma".
- Kindblom L-G, Meis-Kindblom JM, in WHO Classification of Tumors. Volume 4. Pathology and Genetics of Soft Tissue Tumors. 2002. Eds Kleihues P, Unni KK, Mertens F, Fletcher CD, Sobin L. IARC. "Myxoinflammatory Fibroblastic Sarcoma".
- Meis-Kindblom JM, Kindblom LG, in WHO Classification of Tumors. Volume 4. Pathology and Genetics of Soft Tissue Tumors. 2002. Eds Kleihues P, Unni KK, Mertens F, Fletcher CD, Sobin L. IARC. "Myolipoma of Soft Tissue".
- Meis-Kindblom JM, Kindblom LG, in WHO Classification of Tumors. Volume 4. Pathology and Genetics of Soft Tissue Tumors. 2002. Eds Kleihues P, Unni KK, Mertens F, Fletcher CD, Sobin L. IARC. "Sclerosing Epithelioid Fibrosarcoma".
- Okamoto S, Hisaoka M, Meis-Kindblom JM, Kindblom L-G, Hashimoto H. Juxta-articular myxoma and intramuscular myxoma are two distinct entities. Activating G α mutation at Arg 201 codon does not occur in juxta-articular myxoma. *Virchows Arch* 2002; 440: 12-15.
- 2003**
- Bümming P, Andersson J, Meis-Kindblom JM, Klingenshierna H, Engström K, Stierner U, Wängberg B, Jansson S, Ahlman H, Kindblom LG, Nilsson B. Neoadjuvant, adjuvant and palliative treatment of gastrointestinal stromal tumours (GIST) with imatinib - a centre-based study of 17 patients. *Br J Cancer* 2003; 89: 460-4.
- Dalén M, Bergh P, Gunterberg B. Desmoid tumors. A clinical review of 30 patients with more than 20 years' follow-up. *Acta Orthop Scand* 2003; 74 (4): 455-9.
- Einbeigi Z, Bergman A, Karlsson P, Kindblom LG, Martinsson T, Meis-Kindblom J, Nordling M, Wahlstrom J, Wallgren A. Population study on brca mutations in women with breast and ovarian cancers in western Sweden. *Breast* 2003, 12 Suppl 1: S17.
- Hisaoka M, Okamoto S, Koyama S, Ishida T, Imamura T, Kanda H, Kameya T, Meis-Kindblom JM, Kindblom L-G, Hashimoto H. Microtubule-associated protein-2 and class III B-tubulin in extraskeletal myxoid chondrosarcoma. *Mod Pathol* 2003; 16: 453-9.
- Hisaoka M, Shimajiri S, Matsuki Y, Meis-Kindblom JM, Kindblom LG, Li XQ, Wang J, Hashimoto H. Inflammatory myofibroblastic tumor with predominant anaplastic lymphoma kinase-positive cells lacking a myofibroblastic phenotype. *Pathol International* 2003; 53: 376-81.
- Kindblom LG, Widéhn S, Meis-Kindblom JM. The role of electron microscopy in the diagnosis of pleomorphic sarcomas of soft tissue. *Seminars in Diagn Pathol* 2003; 20: 72-81.
- Nilsson B, Andersson J, Meis-Kindblom J, Kindblom LG, Engström K, Stierner U, Bümming P, Ahlman H. Nya rön om uppkomsten av GIST har lett till ny medicinsk behandling. *Läkartidning* 2003; 100: 930-8.
- Sjögren H, Meis-Kindblom JM, Örndal C, Bergh P, Ptaszynski K, Åman P, Kindblom LG, Stenman G. Studies on the molecular pathogenesis of extraskeletal myxoid chondrosarcoma - phenotypic, cytogenetic, molecular genetic and gene expression profiles. *Am J Pathol* 2003; 162: 781-92.
- Unni KK, Kindblom LG, Bridge J. Atlas of Tumor Pathology. Tumors of the Skeleton (in press).
- Lund**
- 1998**
- Dal Cin P, Sciort R, Fletcher CDM, Samson I, De Vos R, Mandahl N, Willén H, Larsson O, Van Den Berghe H. Inflammatory leiomyosarcoma may be characterized by specific near-haploid chromosome changes. *J Pathol* 1998; 185: 112-5.
- Gisselsson D, Andreasson P, Meis-Kindblom JM, Kindblom LG, Mertens F, Mandahl N. Amplification of 12q13 and 12q15 sequences in a sclerosing epithelioid fibrosarcoma. *Cancer Genet Cytogenet* 1998; 107: 102-6.
- Gisselsson D, Höglund M, Mertens F, Mitelman F, Mandahl N. Chromosomal organization of amplified chromosome 12 sequences in mesenchymal tumors detected by fluorescence in situ hybridization. *Genes Chromosomes Cancer* 1998; 23: 203-12.
- Gisselsson D, Höglund M, O'Brien KP, Dumanski JP, Mertens F, Mandahl N. A case of dermatofibrosarcoma protuberans with a ring chromosome 5 and a rearranged chromosome 22 containing amplified COL1A1 and PDGFB sequences. *Cancer Lett* 1998; 133: 129-34.
- Iliszko M, Mandahl N, Mrózek K, Denis A, Pandis N, Pejovic T, Babinska M, Nedoszytko B, Debniak J, Emerich J, Hrabowska M, Bloomfield CD, Limon J. Cytogenetics of uterine sarcomas: Presentation of eight new cases and review of the literature. *Gynecol Oncol* 1998; 71: 172-6.
- Kullendorf CM, Donner M, Mertens F, Mandahl N. Chromosomal aberrations in a consecutive series of childhood rhabdomyosarcoma. *Med Pediatr Oncol* 1998; 30: 156-9.
- Mandahl N, Mertens F, Willén H, Rydholm A, Kreicbergs A, Mitelman F. Nonrandom pattern of telomeric associations in atypical lipomatous tumors with ring and giant marker chromosomes. *Cancer Genet Cytogenet* 1998; 103: 25-8.
- Mertens F, Fletcher CDM, Dal Cin P, De Wever I, Mandahl N, Mitelman F, Rosai J, Rydholm A, Sciort R, Tallini G, Van Den Berghe H, Vanni R, Willén H. Cytogenetic analysis of 46 pleomorphic soft tissue sarcomas and correlation with morphologic and clinical features: a report of the CHAMP study group. *Genes Chromosomes Cancer* 1998; 22: 16-25.
- Nilbert M, Saeter G, Elomaa I, Monge O, Wiebe T, Alvegård TA. Ewing's sarcoma treatment in Scandinavia 1984-1990. 10-year result of the Scandinavian Sarcoma Group Protocol SSG IV. *Acta Oncol*, 1998; 37(4): 375-8.
- O'Brien KP, Seroussi E, Dal Cin P, Sciort R, Mandahl N, Fletcher JA, Turc-Carel C, Dumanski JP. Various regions within the alpha-helical domain of the COL1A1 gene are fused to the second exon of the PDGFB gene in dermatofibrosarcomas and giant-cell fibroblastomas. *Genes Chromosomes Cancer* 1998; 23: 187-93.
- Rydholm A. Improving the management of soft tissue sarcoma. Diagnosis and treatment should be given in specialist centres. *BMJ*. 1998 Jul 11; 317(7151): 93-4. No abstract available.
- Schuborg C, Mertens F, Rydholm A, Brosjö O, Dictor M, Mitelman F, Mandahl N. Cytogenetic analysis of four angiosarcomas from deep and superficial soft tissue. *Cancer Genet Cytogenet* 1998; 100: 52-6.

- Willén H, Åkerman M, Dal Cin P, De Wever I, Fletcher CDM, Mandahl N, Mertens F, Mitelman F, Rosai J, Rydholm A, Sciort R, Tallini G, Van Den Berghe H, Vanni R. Comparison of chromosomal patterns with clinical features in 165 lipomas. A report of the CHAMP study group. *Cancer Genet Cytogenet* 1998; 102: 46-9.
- Åkerman M, Domanski H. Fine needle aspiration (FNA) of bone tumors: with special emphasis on definitive treatment of primary malignant bone tumors based on FNA. *Current Diagnostic Pathology*, 1998; 5: 82-92.
- Åkerman M, Willén H. Critical review on the role of fine needle aspiration in soft tissue tumors. *Pathology Case Reviews* 1998; 3: 111-7.
- 1999**
- Alvegård TA, Bauer HCF, Blomqvist C, Möller T, Rydholm A, Saeter G. The Scandinavian Sarcoma Group. Background, organization and the Central Register - the first 20 years. *Acta Orthop Scand Suppl* 285 1999; 70: 3-7.
- Bauer HCF, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Kivioja A, Klepp R, Lehtinen T, Lindholm P, Möller TR, Rydholm A, Saeter G, Trovik CS, Wahlström O, Wiklund T. The Scandinavian Sarcoma Group Register. *Acta Orthop Scand Suppl* 285 1999; 70: 41-4.
- Berner JM, Sorlie T, Mertens F, Henriksen J, Saeter G, Mandahl N, Brogger A, Myklebost O, Lothe RA. Chromosome band 9p21 is frequently altered in malignant peripheral nerve sheath tumours: Studies of CDKN2A and other genes of the pRB pathway. *Genes Chromosomes Cancer* 1999; 26: 151-60.
- Einarsdóttir H, Söderlund V, Larsson O, Mandahl N, Bauer HCF. 110 subfascial lipomatous tumors. MR and CT findings versus histopathological diagnosis and cytogenetic analysis. *Acta Radiol* 1999; 40: 603-9.
- Elomaa I, Blomqvist C, Saeter G, Nilbert M, Monge OR, Wiebe T, Alvegård TA. Chemotherapy in Ewing's sarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 69-73.
- Fernberg JO, Wiklund T, Monge OR, Sundby Hall K, Sater G, Alvegård TA, Strander H. Chemotherapy in soft tissue sarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 62-8.
- Fletcher CD, Dal Cin P, de Wever I, Mandahl N, Mertens F, Mitelman F, Rosai J, Rydholm A, Sciort R, Tallini G, van den Berghe H, Vanni R, Willen H. Correlation between clinicopathological features and karyotype in spindle cell sarcomas. A report of 130 cases from the CHAMP study group. *Am J Pathol* 1999 Jun; 154(6): 1841-7.
- Gisselsson D, Domanski HA, Höglund M, Carlén B, Mertens F, Willén H, Mandahl N. Unique cytological features and chromosome aberrations in chondroid lipoma. A case report based on fine needle aspiration cytology, histopathology, electron microscopy, chromosome banding, and molecular cytogenetics. *Am J Surg Pathol* 1999; 23: 1300-4.
- Gisselsson D, Höglund M, Mertens F, Dal Cin P, Mandahl N. Hibernomas are characterised by homozygous deletions in the multiple endocrine neoplasia type I region. *Am J Pathol* 1999; 155: 61-6.
- Gisselsson D, Höglund M, Mertens F, Johansson B, Dal Cin P, Van den Berghe H, Earnshaw WC, Mitelman F, Mandahl N. The structure and dynamics of ring chromosomes in human neoplastic and non-neoplastic cells. *Hum Genet* 1999; 104: 315-25.
- Gisselsson D, Höglund M, Mertens F, Mandahl N. Variable stability of chromosomes containing amplified alpha satellite sequences in human mesenchymal tumours. *Chromosoma* 1999; 108: 271-7.
- Gustafson P, Arner M. Soft tissue sarcoma of the upper extremity. Descriptive data and outcome in a population-based series of 108 patients. *J Hand Surg (Am)*, 1999; 24A(4): 668-74.
- Gustafson P, Baldetorp B, Fernö M, Åkerman M. Prognostic implications of various models for calculation of S-phase fraction in 259 patients with soft tissue sarcoma. *Br J Cancer* 1999; 79(7/8): 1205-9.
- Helou K, Wallenius V, Qiu Y, Öhman F, Ståhl F, Klinga-Levan K, Kindblom LG, Mandahl N, Jansson J-O, Levan G. Amplification and overexpression of the hepatocyte growth factor receptor (HGFR/MET) in rat DMBA sarcomas. *Oncogene* 1999; 18: 3226-34.
- Kullendorf CM, Mertens F, Donnér M, Wiebe T, Åkerman M, Mandahl N. Cytogenetic aberrations in Ewing's sarcoma. Are secondary changes associated with clinical outcome? *Med Pediatr Oncol* 1999; 32: 79-83.
- Larramendy ML, Mandahl N, Mertens F, Blomqvist C, Kivioja AH, Karaharju E, Valle J, Bohling T, Tarkkanen M, Rydholm A, Åkerman M, Bauer HCF, Anttila JP, Elomaa I, Knuutila S. Clinical significance of genetic imbalances revealed by comparative genomic hybridization in chondrosarcomas. *Hum Pathol* 1999 Oct; 30(10): 1247-53.
- Mandahl N, Mertens F, Mitelman F. Genetic changes in bone and soft tissue tumors. *Acta Orthop Scand Suppl* 285 1999; 70: 30-40.
- Meis-Kindblom JM, Bjerkehagen B, Böhling T, Domanski H, Halvorsen TB, Larsson O, Lilleng P, Myhre-Jensen O, Stenwig E, Virolainen M, Willén H, Åkerman M, Kindblom LG. Morphologic review of 1000 soft tissue sarcomas from the Scandinavian Sarcoma Group (SGG) register. The peer-review committee experience. *Acta Orthop Scand Suppl* 285 1999; 70: 18-26.
- Nilsson G, Skytting B, Xie Y, Brodin B, Perfekt R, Mandahl N, Lundeberg J, Uhlén M, Larsson O. The SYT-SSX1 variant of synovial sarcoma is associated with a high rate of tumor cell proliferation and poor clinical outcome. *Cancer Res* 1999; 59: 3180-4.
- Nilsson J, Gustafson P. Ortopedisk behandling av skelettmastaser i bäcken och extremiteter. *Läkartidningen* 1999; 96(9): 1000-5.
- Pandis N, Bardi G, Petersson C, Apostolikas N, Mandahl N. Cytogenetic findings in a malignant fibrous histiocytoma of the breast. *Cancer Genet Cytogenet* 1999; 108: 87-9.
- Panoutsakopoulos G, Pandis N, Kyriazoglou I, Gustafson P, Mertens F, Mandahl N. Recurrent t(16;17)(q22;p13) in aneurysmal bone cysts. *Genes Chromosomes Cancer* 1999; 26(3): 256-66.
- Petit MMR, Schoenmakers EFPM, Huysmans C, Geurts JMW, Mandahl N, Van De Ven WJM. LHFP, a novel translocation partner gene of HMGIC in a lipoma, is a member of a new family of LHFP-like genes. *Genomics* 1999; 57: 438-41.
- Rydholm A, Gustafson P, Alvegård TA, Blomqvist C, Saeter G. Prognostic factors in soft tissue sarcoma. A review and the Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 50-7.
- Saeter G, Wiebe T, Wiklund T, Monge O, Wahlqvist Y, Engström K, Forestier E, Holmström T, Stenwig AE, Willén H, Brosjö O, Follerås G, Alvegård TA, Strander H. Chemotherapy in osteosarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand Suppl* 285 1999; 70: 74-82.
- Sciort R, Rosai J, Dal Cin P, de Wever I, Fletcher CD, Mandahl N, Mertens F, Mitelman F, Rydholm A, Tallini G, van den Berghe H, Vanni R, Willen H. Analysis of 35 cases of localized and diffuse tenosynovial giant cell tumor: a report from the Chromosomes and Morphology (CHAMP) study group. *Mod Pathol* 1999; 12: 576-9.
- Skytting BT, Bauer HCF, Perfekt R, Huuhtanen T, Alvegård TA, Berlin Ö, Gustafson P, Klepp R, Löfvenberg R, Saeter G, Trovik CS, Wahlström O. Clinical course in synovial sarcoma: A Scandinavian Sarcoma Group study of 104 patients. *Acta Orthop Scand* 1999; 70(6): 536-42.

- Thelin-Järnum S, Lassen C, Panagopoulos I, Mandahl N, Åman P. Identification of genes differentially expressed in TLS-CHOP carrying myxoid liposarcomas. *Int J Cancer* 1999; 83: 30-3.
- 2000**
- Dal Cin P, Sciot R, Brys P, De Wever I, Dorfman H, Fletcher CD, Jonsson K, Mandahl N, Mertens F, Mitelman F, Rosai J, Rydholm A, Samson I, Tallini G, Van den Berghe H, Vanni R, Willen H. Recurrent chromosome aberrations in fibrous dysplasia of the bone: a report of the CHAMP study group. *Chromosomes And Morphology. Cancer Genet Cytogenet* 2000; 122: 30-2.
- De Wever I, Dal Cin P, Fletcher CD, Mandahl N, Mertens F, Mitelman F, Rosai J, Rydholm A, Sciot R, Tallini G, Van Den Berghe H, Vanni R, Willen H. Cytogenetic, clinical, and morphologic correlations in 78 cases of fibromatosis: a report from the CHAMP Study Group. *Chromosomes And Morphology. Mod Pathol* 2000; 13: 1080-5.
- Elomaa I, Blomqvist PI, Saeter G, Åkerman M, Stenwig E, Wiebe T, Björk O, Alvegård TA. Five-year results in Ewing's sarcoma. The Scandinavian Sarcoma Group experience with the SSG IX protocol. *Eur J Cancer* 2000; 36: 875-80.
- Gisselsson D, Mandahl N, Pålsson E, Gorunova L, Höglund M. Locus-specific multifluor FISH analysis allows physical characterization of complex chromosome abnormalities in neoplasia. *Genes Chromosomes Cancer* 2000; 28: 347-52.
- Gisselsson D, Pettersson L, Höglund M, Heidenblad M, Gorunova L, Wiegant J, Mertens F, Dal Cin P, Mitelman F, Mandahl N. Chromosomal breakage-fusion-bridge events cause genetic intratumor heterogeneity. *Proc Natl Acad Sci USA* 2000; 97: 5357-62.
- Mandahl N. Lipoma / benign lipomatous tumors. Liposarcoma / malignant lipomatous tumors. In: Atlas of Genetics and Cytogenetics on Oncology and Haematology, J-L Huret (Ed.), 2000 <http://www.infobiogen.fr/services/chromcancer>
- Mandahl N, Fletcher CD, Dal Cin P, De Wever I, Mertens F, Mitelman F, Rosai J, Rydholm A, Sciot R, Tallini G, Van Den Berghe H, Vanni R, Willen H. Comparative cytogenetic study of spindle cell and pleomorphic leiomyosarcomas of soft tissues: a report from the CHAMP Study Group. *Cancer Genet Cytogenet* 2000; 116: 66-73.
- Mertens F, Dal Cin P, De Wever I, Fletcher CD, Mandahl N, Mitelman F, Rosai J, Rydholm A, Sciot R, Tallini G, van Den Berghe H, Vanni R, Willen H. Cytogenetic characterization of peripheral nerve sheath tumours: a report of the CHAMP study group. *J Pathol.* 2000; 190: 31-8.
- Mertens F, Larramendy M, Gustavsson A, Gisselsson D, Rydholm A, Brosjö O, Mitelman F, Knuutila S, Mandahl N. Radiation-associated sarcomas are characterized by complex karyotypes with frequent rearrangements of chromosome arm 3p. *Cancer Genet Cytogenet.* 2000; 116: 89-96.
- Nilsson J, Gustafson P, Fornander P, Ornstein E. The Harrington reconstruction for advanced periacetabular metastatic destructions - good outcome in 32 patients. *Acta Orthop Scand* 2000; 71(6): 591-6.
- Panagopoulos I, Mencinger M, Dietrich CU, Bjerkeheggen B, Saeter G, Mertens F, Mandahl N, Heim S. Fusion of the RBP56 and CHN genes in extraskeletal myxoid chondrosarcomas with the translocation t(9;17)(q22;q11). *Oncogene* 2000; 18: 7594-8.
- Panagopoulos I, Mertens F, Isaksson M, Mandahl N. A novel FUS/CHOP chimera in myxoid liposarcoma. *Biochem Biophys Res Commun* 2000; 279: 838-45.
- Sciot R, Dorfman H, Brys P, Dal Cin P, De Wever I, Fletcher CD, Jonson K, Mandahl N, Mertens F, Mitelman F, Rosai J, Rydholm A, Samson I, Tallini G, Van den Berghe H, Vanni R, Willen H. Cytogenetic-morphologic correlations in aneurysmal bone cyst, giant cell tumor of bone and combined lesions. A report from the CHAMP study group. *Mod Pathol* 2000; 13: 1206-10.
- Trovik CS, Bauer HCF, Alvegård TA, Anderson H, Blomqvist C, Berlin Ö, Gustafson P, Saeter G, Wallöe A. Surgical margin, local recurrence and metastasis in soft tissue sarcoma. Study based on 559 patients from the Scandinavian Sarcoma Group Register. *Eur J Cancer* 2000; 36(6): 710-6.
- Trovik CS, Gustafson P, Bauer HCF, Saeter G, Klepp R, Berlin Ö, Erlanson M, Wahlström O, Raabe N. Consequences of local recurrence after surgery for soft tissue sarcoma. The Scandinavian Sarcoma Group experience. *Acta Orthop Scand* 2000; 71(5): 488-95.
- Vanni R, Fletcher CD, Sciot R, Dal Cin P, De Wever I, Mandahl N, Mertens F, Mitelman F, Rosai J, Rydholm A, Tallini G, Van Den Berghe H, Willen H. Cytogenetic evidence of clonality in cutaneous benign fibrous histiocytomas: a report of the CHAMP study group. *Histopathology* 2000; 37: 212-7.
- Wallenius V, Hisaoka M, Helou K, Levan G, Mandahl N, Meis-Kindblom JM, Kindblom L-G, Jansson J-O. Overexpression of the hepatocyte growth factor (HGF) receptor (Met) and presence of a truncated and activated intracellular HGF receptor fragment in locally aggressive/malignant human musculoskeletal tumors. *Am J Pathol* 2000; 156: 821-9.
- Waters BL, Panagopoulos I, Allen EF. Genetic characterization of angiomatoid fibrous histiocytoma identifies fusion of the FUS and ATF-1 genes induced by a chromosomal translocation involving bands 12q13 and 16p11. *Cancer Genet Cytogenet* 2000; 121:109-16.
- 2001**
- Bauer HCF, Trovik CS, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Klepp R, Möller TR, Rydholm A, Saeter G, Wahlström O, Wiklund T. Monitoring referral and treatment in soft tissue sarcoma: study based on 1851 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2001; 72(2): 150-9.
- Dahlén A, Broberg K, Domanski HA, Toksvig-Larsen S, Lindstrand A, Mandahl N, Mertens F. Analysis of the distribution and frequency of trisomy 7 in vivo in synovia from patients with osteoarthritis and pigmented villonodular synovitis. *Cancer Genet Cytogenet* 2001; 131(1): 19-24.
- Domanski HA, Carlén B, Jonsson K, Mertens F, Åkerman M. Distinct cytologic features of spindle cell lipoma. A cytologic-histologic study with clinical, radiologic, electron microscopic and cytogenetic correlations. *Cancer* 2001; 93(6): 381-9.
- Engellau J, Åkerman M, Anderson H, Domanski H A, Rambech E, Alvegård T A, Nilbert M. Tissue-array technique in soft tissue sarcoma: Immunohistochemical Ki-67 expression in malignant fibrous histiocytoma. *Appl Immunohistochem Mol Morphol* 2001; 9(4): 358-63.
- Fletcher CDM, Gustafson P, Rydholm A, Willén H, Åkerman M. Clinicopathologic re-evaluation of 100 malignant fibrous histiocytoma: the prognostic relevance of subclassification. *J Clin Oncol* 2001; 19(12): 3045-50. (Reprinted in JCO Classic Papers and Current Comments; Sarcoma 2002)
- Gisselsson D, Björk J, Höglund M, Mertens F, Dal Cin P, Åkerman M, Mandahl N. Abnormal nuclear shape in solid tumors reflects mitotic instability. *Am J Pathol* 2001; 158: 199-206.
- Gisselsson D, Jonson T, Petersén Å, Strömbäck B, Dal Cin P, Höglund M, Mitelman F, Mertens F, Mandahl N. Telomere dysfunction triggers extensive DNA fragmentation and evolution of complex chromosome abnormalities in human malignant tumors. *Proc Natl Acad Sci USA* 2001; 98: 12683-8.
- Ladanyi M, Lui MY, Antonescu CR, Krause-Boehm A, Meindl A, Argani P, Healey JH, Ueda T, Yoshikawa H, Meloni-Ehrig A, Sorensen PHB, Mertens F, Mandahl N, van den Berghe H, Sciot R, Dal Cin P, Bridge J. The der(17)t(X;17)(p11;q25) of human alveolar soft part sarcoma fuses the TFE3 transcription factor gene to ASPL, a novel gene at 17q25. *Oncogene* 2001; 20: 48-57.

- Lothe RA, Smith-Sorensen B, Hektoen M, Stenwig AE, Mandahl N, Saeter G, Mertens F. Biallelic inactivation of TP53 rarely contributes to the development of malignant peripheral nerve sheath tumors. *Genes Chromosomes Cancer* 2001; 30: 202-6.
- Menghi-Sartorio S, Mandahl N, Mertens F, Picci P, Knuutila S. DNA copy number amplifications in sarcomas with homogeneously staining regions and double minutes. *Cytometry* 2001; 46: 79-84.
- Mertens F, Lothe RA. Peripheral nerve sheath tumors. In: Atlas of Genetics and Cytogenetics in Oncology and Haematology. J-L Huret (Ed.), 2001 <http://www.infobiogen.fr/services/chromcancer>
- Panagopoulos I, Mertens F, Domanski HA, Isaksson M, Brosjö O, Gustafson P, Mandahl N. No EWS/FL1 fusion transcripts in giant-cell tumors of bone. *Int J Cancer* 2001; 93(6): 769-72.
- Panagopoulos I, Mertens F, Isaksson M, Limon J, Gustafson P, Skytting B, Åkerman M, Sciort R, Dal Cin P, Samsom I, Iliszko M, Ryoe J, Debiec-Rychter M, Szadowska A, Brosjö O, Larson O, Rydholm A, Mandahl N. Clinical impact of molecular and cytogenetic findings in synovial sarcoma. *Genes Chromosomes Cancer* 2001; 31(4): 362-72.
- Picci P, Vanel D, Briccoli A, Talle K, Haakenaasen U, Malaguti C, Monti C, Ferrari C, Bacci G, Saeter G, Alvegård TA. Computed tomography of pulmonary metastases from osteosarcoma: the less poor technique. A study of 51 patients with histological correlation. *Ann Oncol* 2001; 12(11): 1601-4.
- Tarkkanen M, Wiklund TA, Virolainen MJ, Larramendy ML, Mandahl N, Mertens F, Blomqvist CP, Tukiainen EJ, Miettinen MMA, Elomaa AI, Knuutila S. Comparative genomic hybridization of postirradiation sarcomas. *Cancer* 2001; 92: 1992-8.
- Trovik CS, Bauer HCF, Berlin Ö, Tukiainen E, Erlanson M, Gustafson P, Klepp R, Saeter G, Wahlström O. Local recurrence in deep-seated, high-grade soft tissue sarcoma. 459 patients from the Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 2001; 72(2): 160-6.
- Wieczorek TJ, Krane J F, Domanski HA, Åkerman M, Carlén B, Misdráji J, Granter SR. Cytologic findings in granular cell tumors, with emphasis on the diagnosis of malignant granular cell tumor by FNA. *Cancer* 2001; 93(6): 398-408.
- 2002**
- Bacci G, Ferrari S, Longhi A, Picci P, Mercuri M, Alvegård TA, Saeter G, Conati D, Manfrini M, Lari S, Briccoli A, Forni C. High dose Ifosfamide in combination with high dose Methotrexate, Adriamycin and Cisplatin in the neoadjuvant treatment of extremity osteosarcoma: preliminary results of an Italian Sarcoma Group/Scandinavian Sarcoma pilot study. *J Chemoth* 2002; 14(2): 198-206.
- Broberg K, Zhang M, Strömbäck B, Isaksson M, Nilsson M, Mertens F, Mandahl N, Panagopoulos I. Fusion of RDC1 and HMGIC in lipomas as the result of chromosome aberrations involving 2q35-37 and 12q13-15. *Int J Oncol* 2002; 21: 321-6.
- Crnalic S, Panagopoulos I, Boquist L, Mandahl N, Stenling R, Löfvenberg R. Establishment and characterization of a human clear cell sarcoma model in nude mice. *Int J Cancer* 2002; 101: 505-11.
- Domanski HA. Cytologic features of angioleiomyoma: Cytologic-histologic study of 10 cases. *Diagn Cytopathol* 2002; 27: 161-6.
- Domanski HA, Carlén B, Jonsson K, Mertens F, Åkerman M. Distinct cytologic features of spindle cell lipoma. A cytologic-histologic study with clinical, electronmicroscopic and cytogenetic correlations. *Cancer Cytopathol* 2002; 93: 381-9.
- Domanski HA, Gustafson P. Cytological features of primary, recurrent and metastatic dermatofibrosarcoma protuberans. *Cancer* 2002; 96(6): 351-61.
- Dreinhöfer KE, Baldetorp B, Åkerman M, Fernö M, Rydholm A, Gustafson P. DNA ploidy in soft tissue sarcoma. Comparison of flow and image cytometry with clinical follow-up in 93 patients. *Cytometry (Clinical Cytometry)* 2002; 50: 19-24.
- Fletcher CDM, Unni KK, Mertens F (Eds.) World Health Organization Classification of Tumours. Pathology and Genetics of Tumours of Soft Tissue and Bone Lyon: IARC 2002; Press.
- Gisselsson D, Pålsson E, Höglund M, Domanski HA, Mertens F, Pandis N, Sciort R, Dal Cin P, Bridge JA, Mandahl N. Differentially amplified chromosome 12 sequences in low- and high-grade osteosarcomas. *Genes Chromosomes Cancer* 2002; 33(2): 133-140.
- Guillou L, Fletcher JA, Fletcher CDM, Mandahl N. Extraleural solitary fibrous tumour and haemangiopericytoma. In: Fletcher CDM, Unni KK, Mertens F (Eds.): World Health Organization Classification of Tumours. Pathology and Genetics of Tumours of Soft Tissue and Bone. Lyon: IARC Press, 2002; pp 86-90.
- Gustafson P, Rydholm A. Muskuloskeletala tumörer. *Incitament* 2002; 6: 547-52.
- Kindblom LG, Meis-Kindblom JM, Mandahl N. Chondroid lipoma. In: Fletcher CDM, Unni KK, Mertens F (Eds.): World Health Organization Classification of Tumours. Pathology and Genetics of Tumours of Soft Tissue and Bone. Lyon: IARC Press, 2002, p 30.
- Mandahl N, Gustafson P, Mertens F, Åkerman M, Baldetorp B, Gisselsson D, Knuutila S, Bauer HCF, Larsson O. Cytogenic aberrations and their prognostic impact in chondrosarcoma. *Genes Chromosomes and Cancer* 2002; 33: 188-200.
- Mertens F, Stromberg U, Mandahl N, Cin PD, De Wever I, Fletcher CD, Mitelman F, Rosai J, Rydholm A, Sciort R, Tallini G, Van Den Berghe H, Vanni R, Willen H. Prognostically important chromosomal aberrations in soft tissue sarcomas: a report of the Chromosomes and Morphology (CHAMP) Study Group. *Cancer Res* 2002; 62(14): 3980-4.
- Nilsson M, Höglund M, Panagopoulos I, Sciort R, Dal Cin P, Debiec-Rychter M, Mertens F, Mandahl N. Molecular cytogenetic mapping of recurrent chromosomal breakpoints in tenosynovial giant cell tumors. *Virchows Arch* 2002; 441: 475-80.
- Panagopoulos I, Mertens F, Debiec-Rychter M, Isaksson M, Limon J, Kardas I, Domanski HA, Sciort R, Szadowska A, Perek D, Crnalic S, Larsson O, Mandahl N. Molecular genetic characterization of the EWS/ATF1 fusion gene in clear cell sarcoma of tendons and aponeuroses. *Int J Cancer* 2002; 99: 560-7.
- Panagopoulos I, Mertens F, Isaksson M, Domanski HA, Brosjö O, Heim S, Bjerkehagen B, Sciort R, Dal Cin P, Fletcher JA, Fletcher CDM, Mandahl N. Molecular genetic characterization of the EWS/CHN and RBP56/CHN fusion genes in extraskeletal myxoid chondrosarcoma. *Genes Chromosomes Cancer* 2002; 35: 340-52.
- Raddaoui E, Donner LR, Panagopoulos I (2002) Fusion of the FUS and ATF1 genes in a large, deep-seated angiomatoid fibrous histiocytoma. *Diagn Mol Pathol* 2002; 11: 157-162.
- Rapp TB, Yang L, Conrad EU 3rd, Mandahl N, Chansky HA (2002) RNA splicing mediated by YB-1 is inhibited by TIS/CHOP in human myxoid liposarcoma cells. *J Orthop Res* 2002; 20: 723-9.
- Tallini G, Dorfman H, Brys P, Dal Cin P, De Wever I, Fletcher CD, Jonson K, Mandahl N, Mertens F, Mitelman F, Rosai J, Rydholm A, Samsom I, Sciort R, Van den Berghe H, Vanni R, Willen H. Correlation between clinicopathological features and karyotype in 100 cartilaginous and chordoid tumours. A report from the Chromosomes and Morphology(CHAMP) Collaborative Study Group. *J Pathol* 2002; 196(2): 194-203.
- Xie Y, Skytting B, Nilsson G, Gasbarri A, Haslam K, Bartolazzi A, Brodin B, Mandahl N, Larsson O. SYT-SSX is critical for cyclin D1 expression in synovial sarcoma cells: A gain of function of the t(X;18)(p11.2;q11.2) translocation. *Cancer Res* 2002; 62: 3861-7.

Yang K, Lui W-O, Xie Y, Zhang A, Skytting B, Mandahl N, Larsson C, Larsson O. Co-existence of SYT-SSX1 and SYT-SSX2 fusions in synovial sarcomas. *Oncogene* 2002; 21: 4181-90.

2003

Dahlén A, Debiec-Rychter M, Pedetour F, Domanski HA, Hoglund M, Bauer HCF, Rydholm A, Sciort R, Mandahl N, Mertens F. Clustering of deletions on chromosome 13 in benign and low-malignant lipomatous tumors. *Int J Cancer* 2003 Feb 20; 103(5): 616-23.

Dahlén A, Panagopoulos I, Rydholm A, Brosjö O, Wejde J, Mandahl N, Mertens F. Fusion, disruption and expression of HMGA2 in bone and soft tissue chondromas. *Mod Pathol* 2003; 16(11): 1132-40.

Domanski HA, Carlén B, Mertens F, Åkerman M. Extraskelletal myxoid chondrosarcoma with neuroendocrine differentiation. A case report with fine needle aspiration, histopathology, electron microscopy, and cytogenetics. *Ultrastructural Pathol* 2003; 27(5): 363-8.

Domanski HA, Rydholm A. The cytology of soft tissue tumours. *Monographs in Clinical Cytology*, editor S.R. Orell, vol 16, 2003.

Gustafson P, Åkerman M, Alvegård TA., Coindre JM, Fletcher CDM., Rydholm A, Willén H. Prognostic information in soft tissue sarcoma using tumour size, vascular invasion, and microscopic necrosis - the SIN-system. *Eur J Cancer* 2003; 39: 1568-76.

Rydholm A, Gustafson P. Should tumor depth be included in prognostication of soft tissue sarcoma? *BMC Cancer* 2003 May 26; 3(1): 17.

Storlazzi CT, Mertens F, Domanski H, Fletcher CDM, Wiegant J, Mandahl N. Ring chromosomes and low-grade gene amplification in an atypical lipomatous tumor with minimal nuclear atypia. *Int J Oncol* 2003; 23: 67-71.

Storlazzi CT, Mertens F, Mandahl N, Gisselsson D, Isaksson M, Gustafson P, Domanski HA, Panagopoulos I (2003) A novel fusion gene, SS18L1/SSX1, in synovial sarcoma. *Genes Chromosomes Cancer* 2003; 37(2): 195-200.

Storlazzi CT, Mertens F, Nascimento A, Isaksson M, Wejde J, Brosjö O, Mandahl N, Panagopoulos I (2003) Fusion of the FUS and BBF2H7 genes in low grade fibromyxoid sarcoma. *Hum Mol Genet* 2003; 12(18): 2349-58.

Stockholm

1998

Dal Cin P, Sciort R, Fletcher CDM, Samson I, De Vos R, Mandahl N, Willén H, Larsson O, Van den Berghe H. Near-haploid may characterize inflammatory leiomyosarcoma as a distinct entity. *J Pathol* 1998; 185: 112-5.

Jin Y, Jin C, Arheden K, Larsson O, Bauer HCF, Mandahl N, Mertens F. Unbalanced chromosome rearrangements in a metastasizing salivary gland tumor with benign histology. *Cancer Genet Cytogenet* 1998; 102: 59-64.

Mandahl N, Mertens F, Willén H, Rydholm A, Kreicbergs A, Mitelman F. Nonrandom pattern of telomeric associations in atypical lipomatous tumors with ring and giant marker chromosomes. *Cancer Genet Cytogenet* 1998; 103: 25-8.

Nilsson G, Wang M, Wejde J, Kanter L, Karlén J, Tani E, Kreicbergs A, Larsson O. Reverse transcriptase polymerase chain reaction on fine-needle aspirates for rapid detection of translocations in synovial sarcoma. *Acta Cytologica* 1998; 42(6): 1317-24.

Schuborg C, Mertens F, Rydholm A, Brosjö O, Dictor M, Mitelman F, Mandahl N. Cytogenetic analysis of four angiosarcomas from deep and superficial soft tissue. *Cancer Genet Cytogenet* 1998; 100: 52-6.

Szymanska J, Serra M, Skytting B, Larsson O, Virolainen M, Åkerman M, Tarkkanen M, Huuhtanen R, Picci P, Bacchini P, Elomaa I, Knuutila S. Genetic imbalances in 67 synovial sarcoma evaluated by comparative genomic hybridisation. *Genes Chromosomes Cancer* 1998; 23: 213-9.

Trovik CS, Bauer HCF, Brosjö O, Skoog L, Söderlund V. Fine Needle Aspiration Cytology in the Diagnosis of Recurrent Soft Tissue Sarcoma. *Cytopathology* 1998; 9: 320-8.

Wang M, Nilsson G, Carlberg M, Dricu A, Wejde J, Kreicbergs A. Specific and sensitive detection of the EWS/FLI-1 fusion protein in Ewing's sarcoma by Western blotting. *Virchows Arch* 1998; 432: 131-4.

1999

Alvegård TA, Bauer H, Blomqvist C, Möller T, Rydholm A, Saeter G. The Scandinavian Sarcoma Group. *Acta Orthop Scand* 1999; 70: 3-7.

Bauer H, Alvegård TA, Berlin Ö, Erlanson M, Gustafson P, Kivioja A, Klepp R, Lehtinen T, Lindholm P, Möller T, Rydholm A, Saeter G, Trovik C, Wahlström O, Wiklund T. The Scandinavian Sarcoma Group Register. *Acta Orthop Scand* 1999; 70: 41-4.

Bern G, Brosjö O, Jacobsson H. Uptake of Tc-99m MDP in shoulder muscle caused by the use of elbow crutches. *Clun Nucl Med* 1999: 691-2.

Bielack S, Schroeders A, Fuch N, Bacci G, Bauer HCF, Tomeno B, Zucchi V, Winkler K. Malignant fibrous histiocytoma (MFH) of bone: Results of a survey of treatment and outcome from EMSOS. *Acta Orthop Scand* 1999; 70: 353-60.

Brosjö O. Surgical procedure and local recurrence in 223 patients treated 1982-1997 according to two osteosarcoma chemotherapy protocols. *Acta Orthop Scand Suppl* 285 1999: 58-61.

Dricu A, Kanter L, Wang M, Nilsson G, Hjertman M, Wejde J, Larsson O. Expression of the insulin-like growth factor 1 receptor (IGF-1R) in breast cancer cells: evidence for a regulatory role of dolichyl phosphate in the transition from an intracellular to an extra-cellular IGF-1 pathway. *Glycobiology* 1999; 6: 571-9.

Einarsdóttir H, Söderlund V, Larson O, Jenner G, Bauer HCF. Magnetic resonance imaging of lipoma and liposarcoma. *Acta Radiol* 1999; 40: 64-8.

Einarsdóttir H, Söderlund V, Larsson O, Mandahl N, Bauer H. 110 subfascial lipomatous tumors. MR and CT findings versus histopathological diagnosis and cytogenetic analysis. *Acta Radiol* 1999; 40: 603-9.

Fernberg JO, Brosjö O, Larsson O, Söderlund V, Strander H. Interferon-induced remission in aggressive fibromatosis of the lower extremity. *Acta Oncol* 1999; 38(7): 971-2.

Larramendy ML, Mandahl N, Mertens F, Blomqvist C, Kivioja AH, Karaharju E, Valle J, Böhling T, Tarkkanen M, Rydholm A, Åkerman M, Bauer HCF, Elomaa I, Knuutila S. Clinical significance of genetic imbalances revealed by comparative genomic hybridization in chondrosarcomas. *Hum Pathol* 1999; 30: 1247-53.

Meis-Kindblom JM, Bjerkehagen B, Böhling T, Domanski H, Halvorsen TB, Larsson O, Lilleng P, Myhre-Jensen O, Stenwig E, Virolainen, Willén H, Åkerman M, Kindblom L-G. Morphologic review of 1000 soft tissue sarcomas from the Scandinavian Sarcoma Group (SSG) register: The peer-review committee experience. *Acta Orthop Scand* 1999; 70: 18-26.

Nilsson G, Skytting B, Xie Y, Brodin B, Perfekt R, Mandahl N, Lundeberg J, Uhlén M, Larsson O. The SYT-SSX1 variant of synovial sarcoma is associated with a high rate of tumor cell proliferation and poor clinical outcome. *Cancer Res* 1999; 59: 3180-4.

Nilsson G, Wang M, Wejde J, Kreicbergs A, Larsson O. Detection of EWS/FLI-1 by immunostaining. An adjunctive tool in diagnosis of Ewing's sarcoma and primitive neuroectodermal tumor on cytological samples and paraffin-embedded archival material. *Sarcoma* 1999; 3: 25-32.

- Saeter G, Wiebe T, Wiklund T, Monge O, Wahlqvist Y, Engström K, Forestier E, Holmström T, Stenwig A, Willén H, Brosjö O, Follerås G, Alvegård T, Strander H. Chemotherapy in osteosarcoma. *Acta Orthop Scand Suppl* 285 1999; 74-82
- Skytting B, Bauer H, Larsson O. Diagnosis, treatment and prognosis of patients with synovial sarcoma. *Acta Orthop Scand* 1999; 70: 47-9.
- Skytting BT, Bauer HCF, Perfekt R, Huutanan R, Alvegård T, Berling O, Gustafson P, Klepp R, Löfvenborg R, Saeter G, Trovik C, Wahlström O. Clinical course in synovial sarcoma: A Scandinavian sarcoma group study of 104 patients. *Acta Orthop Scand* 1999; 70: 536-42.
- Skytting BT, Bauer HC, Perfekt R, Nilsson G, Larsson O. Ki-67 is strongly prognostic in synovial sarcoma: analysis based on 86 patients from the Scandinavian Sarcoma Group register. *Br J Cancer* 1999; 80(11): 1809-14.
- Skytting B, Meis-Kindblom J, LARSSON O, Virolainen M, Perfekt R, Åkerman M and Kindblom L-G. Synovial sarcoma: Identification of favourable and unfavourable histological types. Histopathological review of 143 synovial sarcoma: A Scandinavian Sarcoma Group study of 104 cases. *Acta Orthop Scand* 1999; 70: 543-54.
- Skytting B, Nilsson G, Brodin B, Xie Y, Lundeberg J, Uhlén M, Larsson O. A novel fusion gene, SYT-SSX4, in synovial sarcoma. *J Natl Cancer Inst* 1999; 91(11): 974-5.
- Skytting B, Szymanska J, Aalto Y, Blomqvist C, Elomaa I, Larsson O, Knuutila S. Clinical importance of secondary genetic aberrations in synovial sarcoma evaluated by comparative genomic hybridisation. *Cancer Genet Cytogen* 1999; 115: 39-46.
- Trovik C, Bauer H. Local recurrence after surgery for soft tissue sarcoma. *Acta Orthop Scand* 1999; 70: 45-6.
- Wang M, Xie Y, Girmita L, Nilsson G, Dricu A, Wejde J, Larsson O. Regulatory role of mevalonate and n-linked glycosylation in proliferation and expression of the EWS/FLI-1 fusion protein in Ewing's sarcoma cells. *Exp Cell Res* 1999; 246: 38-46.
- Wedin R, Bauer HCF, Wersäll P. Failures after operation for metastatic lesions of long bones. *Clin Orthop* 1999; 358: 128-39.
- Xie Y, Skytting B, Nilsson G, Brodin B, Larsson O. Expression of insulin-like growth factor-1 receptor in synovial sarcoma: Association with an aggressive phenotype. *Cancer Res* 1999; 59: 3588-91.
- 2000**
- Fernberg JO, Brosjö O, Friesland S, Masucci G. GM-CSF at relatively high topic concentrations can significantly enhance the healing of surgically induced chronic wounds after radiotherapy. *Med Oncol* 2000; 17: 1-4.
- Girmita L, Girmita A, Brodin B, Xie Y, Nilsson G, Dricu A, Lundeberg J, Wejde J, Bartolazzi A, Wiman KG, Larsson O. Increased expression of insulin-like growth factor 1 receptor in malignant cells expressing aberrant p53: functional impact. *Cancer Res* 2000; 60(18): 5278-83.
- Girmita L, Girmita A, Wang M, Meis-Kindblom JM, Kindblom LG, Larsson O. A link between basic fibroblast growth factor (bFGF) and EWS/FLI-1 in Ewing's sarcoma. *Oncogene* 2000; 19: 4298-301.
- Girmita L, Wang M, Yuntao X, Nilsson G, Dricu A, Wejde J, Larsson O. Inhibition of N-linked glycosylation down-regulates insulin-like growth factor-1 receptor at the cell surface and kills Ewing's sarcoma cells: therapeutic implications. *Anti-Cancer Drug Design* 2000; 15: 67-72.
- Mertens F, Larramendy M, Gustavsson A, Gisselsson D, Rydholm A, Brosjö O, Mitelman F, Knuutila S, Mandahl N. Radiation-associated sarcomas are characterized by complex karyotypes with frequent rearrangements of chromosome arm 3p. *Cancer Genet Cytogenet* 2000; 116: 89-96.
- Trovik CS, Bauer HCF, Alvegård TA, Anderson H, Blomqvist C, Berlin Ö, Gustafson P, Saeter G, Wallöe A. Surgical margin, Local recurrence and survival in soft tissue sarcoma. *Eur J Cancer* 2000; 36: 710-6.
- Trovik CS, Gustavson P, Wallöe A, Gunterberg B, Blomqvist C, Bauer HCF. Consequences of local recurrence of soft tissue sarcoma. *Acta Orthop Scand* 2000; 71: 488-95
- Wedin R, Bauer HCF, Skoog L, Söderlund V, Tani E. Cytological diagnosis of skeletal lesions: analysis based on fine needle aspiration biopsy in 110 tumor patients. *J Bone Joint Surg Br* 2000; 82(5): 673-8.
- 2001**
- Bauer HCF, Möller T, Alvegård TA, Rydholm A, Gustafson P, Solheim Ö, Erlanson M, Karlsson M, Monge O, Trovik C, Blomqvist C, Wiklund T, Berlin Ö, Turesson I. Monitoring referral and treatment in soft tissue sarcoma: study based on 1851 patients from the Scandinavian sarcoma group register. *Acta Orthop Scand* 2001; 72: 150-9.
- Bergqvist JE, Brosjö O. Atramatisk underbensmärtä med sällsynta genes. *Läkartidningen* 2001; 36(98): 3804.
- Brodin BA, Haslam K, Bartolazzi A, Xie Y, Starborg M, Lundeberg J, Larsson O. Cloning and Characterization of SYT/SSX4 and novel splice variants of synovial sarcoma. *Gene* 2001; 268: 173-82.
- Brodin B, Törnkvist M, Haslam K, Xie Y, Bartolazzi A, Larsson O. A novel fusion gene SYT-SSX4 variant in Synovial Sarcoma. *J Natl Cancer Inst* 2001; 93: 1348-9.
- Einarsdottir H, Wejde J, Bauer HCF. Preoperative radiotherapy in soft tissue tumors. Assessment of response by static post-contrast MR imaging compared to histopathology. *Acta Radiol* 2001; 421: 1-5.
- Fernberg JO, Brosjö O, Friesland S, Masucci G. GM-CSF at relatively high topic concentrations can significantly enhance the healing of surgically induced chronic wounds after radiotherapy. *Med Oncol* 2001; 18: 231-5.
- Lui WO, Weide J, Tani E, Brosjö O, Kytölä S, Larsson C. A highly aggressive primitive mesenchymal tumor with a translocation t(1;19)(q12;q13.2). *Cancer Genet Cytogenet* 2001; 127: 128-33.
- Mandahl N, Gustafson P, Mertens F, Åkerman M, Baldetorp B, Gisselsson D, Knuutila S, Bauer HCF, Larsson O. Cytogenetic aberrations and their prognostic impact in chondrosarcoma. *Genes chromosomes cancer* 2001; 33: 188-200.
- Panagopoulos I, Mertens F, Domanski HA, Isaksson M, Brosjö O, Gustafson P, Mandahl N. No EWS/FLI1 fusion transcripts in giant-cell tumors of bone. *Int J Cancer* 2001; 6: 769-72.
- Panagopoulos I, Mertens F, Isaksson G, Limon J, Gustafson P, Åkerman M, Sciort R, Dal Cin P, Samson I, Iliszko M, Rye J, Debiec-Rychter M, Szadowska A, Skytting B, Brosjö O, Bäckdahl M. Clinical impact of molecular and cytogenetic findings in synovial sarcoma. *Genes Chromosomes Cancer* 2001; 31: 362-72.
- Söderlund V, Tani E, Skoog L, Bauer HCF, Kreicbergs A. Diagnosis of skeletal lymphoma and myeloma by radiology and fine-needle aspiration biopsy. *Cytopathology* 2001; 12: 157-67.
- Trovik CS, Bauer HCF, Berlin Ö, Tukiainen E, Erlanson M, Gustavson P, Klepp R, Saeter G, Wahlström O. Local recurrence deep-seated, high-grade, soft tissue sarcoma. *Acta Orthop Scand* 2001; 72: 160-6.
- Åhlen J, Enberg U, Von Rosen A, Frisk T, Larsson C, Larsson O, Brosjö O, Bäckdahl M. Malignant fibrous histiocytoma, aggressive fibromatosis and benign fibrous tumors express mRNA for the metallo-proteinase inducer EMMPRIN and the metalloproteinases MMP-2 and MT1-MMP. *Sarcoma* 2001; 5: 143-9.
- 2002**

- Fröstad B, Tani E, Brosjö O, Skoog L, Kogner P. Fine needle aspiration cytology in the diagnosis and management of children and adolescents with Ewing's sarcoma and peripheral primitive neuroectodermal tumor. *Med Pediatr Oncol* 2002; 38: 33-40.
- Ladanyi M, Antonescu CR, Leung DH, Woodruff JM, Kawai A, Healey JH, Brennan MF, Bridge JA, Neff JR, Barr FG, Goldblum JR, Ali SZ, Shipley J, Fisher C, Skytting B, Larsson O. Impact of SYT-SSX fusion type on clinical behavior of synovial sarcoma¹. A multi-institutional study of 243 patients. *Cancer Res* 2002; 62: 135-40.
- Panagopoulos I, Mertens F, Dèbiec-Rychter M, Isaksson M, Limon J, Kardas I, Domanski HA, Sciort R, Perek D, Crnalic D, Larsson O, Mandahl N. Molecular genetic characterization of the EWS/ATF1 fusion gene in clear cell sarcoma of tendons and aponeuroses. *Int J Cancer* 2002; 99: 560-7.
- Panagopoulos I, Mertens F, Isaksson M, Henryk A, Domanski, Brosjö O, Sverre H, Bjerkehagen B, Sciort R, Dal Cin P, Fletcher JA, Fletcher CDM, Mandahl N. Molecular genetic characterization of the EWS/CHN and RBP56/CHN fusion genes in extraskeletal myxoid chondrosarcoma. *Genes Chromosomes Cancer* 2002; 35: 340-52.
- Smeland S, Muller C, Alvegård TA, Wiklund T, Wiebe T, Björk O, Stenwig AE, Willen H, Holmström T, Follerås G, Brosjö O, Kivioja A, Jonsson K, Monge O, Saeter G. Scandinavian Sarcoma Group Osteosarcoma Study SSG VIII: prognostic factors for outcome and the role of replacement salvage chemotherapy for poor histological responders. *Eur J Cancer* 2002; 39: 488-94.
- Söderlund V, Tani E, Domanski H, Kreicbergs A. Representativeness of radiologically guided fine-needle aspiration biopsy of bone lesions. *Sarcoma* 2002; 6: 61-8.
- Tönkvist M, Brodin B, Bartolazzi A, Larsson O. A Novel type of SYT/SSX fusion; Methodological and biological implications. *Mod Pathol* 2002; 15: 679-85.
- Yang K, Lui W-O, Xie Y, Zhang A, Skytting B, Mandahl N, Larsson C, Larsson O. Recurrent coexistence of the SYT-SSX1 and SYT-SSX2 fusions in synovial sarcomas. *Oncogene* 2002; 21(98): 4181-90.
- Xie Y, Skytting B, Nilsson G, Gasbarri A, Haslam K, Bartolazzi A, Brodin B, Mandahl N, Larsson O. SYT-SSX fusion gene is critical for expression of cyclin D1 in synovial sarcoma cells. A gain-of-function of t(X;18) (p11.2; q11.2). *Cancer Res* 2002; 62: 3861-7.
- Xie Y, Skytting B, Nilsson G, Grimer RJ, Mangham DC, Fisher C, Shipley J, Bjerkehagen B, Myklebost O, Larsson O. The SYT-SSX1 fusion type of synovial sarcoma is associated with increased expression of cyclin A and D1. A link between t(X;18) (p11.2; q11.2) and the cell cycle machinery. *Oncogene* 2002; 21: 5791-6.
- 2003**
- Bauer HCF. Indications for surgical treatment of spinal metastases. *Ortopedia, Traumatologia, Rehabilitacja* 2003; 5: 164-6.
- Dahlén A, Debiec-Rychter M, Pedetour F, Bauer HCF et al. Clustering of deletions on chromosome 13 in benign and low-malignant lipomatous tumors. *Int J Cancer* 2003; 103: 616-23.
- Dahlen A, Mertens F, Rydholm A, Brosjö O, Wejde J, Mandahl N. Fusion, disruption, and expression of HMGA2 in bone and soft tissue chondromas. *Mod Pathol* 2003; 16(11): 1132-40.
- Einarsdottir H, Bauer HCF, Wejde J, Skoog L, Söderlund V. Dynamic MRI and fine needle aspiration cytology in the diagnosis of soft tissue lesions. *Skeletal Radiol* 2003; 32(12): 695-700.
- Grimer RJ, Cannon SR, Taminiu AB, Bauer HCF et al. Osteosarcoma over the age of forty. *Europ J Cancer* 2003; 39: 157-63.
- Jerma E, Tani E, Brosjö O, Bauer HCF, Söderlund V, Skoog L. Diagnosis and grading of chondrosarcomas on FNA biopsy material. *Diagn Cytopathol* 2003; 28: 13-7.
- Smeland S, Muller C, Alvegård TA, Wiklund T, Wiebe T, Björk O, Stenwig AE, Willen H, Holmström T, Follerås G, Brosjö O, Kivioja A, Jonsson K, Monge O, Saeter G. Scandinavian sarcoma group osteosarcoma study SSG VIII: prognostic factors for outcome and the role of replacement salvage chemotherapy for poor histological responders. *Eur J Cancer* 2003; 39(4): 488-94.
- Storlazzi CT, Mertenst F, Nascimento A, Isaksson M, Wejde J, Brosjö O, Mandahl N, Panagopoulos I. Fusion of the FUS and BBF2H7 genes in low grade fibromyxoid sarcoma. *Hum Mol Genet* 2003; 12(18): 2349-58.
- Wei Y, Sun M, Nilsson G, Dwight T, Xie Y, Wang J, Hou Y, Larsson O, Larsson C, Zhu X. Characteristic sequence motifs located at the genomic breakpoints of the translocation t(X;18) in synovial sarcomas. *Oncogene* 2003; 22: 2215-22.
- Weng WH, Ahlen J, Lui WO, Brosjö O, Pang ST, Von Rosen A, Auer G, Larsson O, Larsson C. Gain of 17q in malignant fibrous histiocytoma is associated with a long disease-free survival and a low risk of developing distant metastasis. *Br J Cancer* 2003; 89(4): 720-6.
- Xie Y, Tönkvist M, Aalto Y, Girmila L, Nilsson G, Knuutila S, Larsson O. Alteration of gene expression profile by blocking the SYT-SSX fusion gene in synovial sarcoma cells. *Oncogene* 2003; 22: 7628-31.
- Åhlen J, Weng WW, Brosjö O, Von Rosen A, Larsson O, Larsson C. Evaluation of immunohistochemical parameters as prognostic markers in malignant fibrous histiocytoma. *Oncol Rep* 2003; 10(5): 1641-5.

Örebro

2003

- Hardell L, Eriksson M, Axelsson O, Flesch-Janys D. Epidemiological studies on cancer and exposure to dioxins and related compounds. *Dioxins and Health*, second edition, edited by Arnold Schecter and Thomas A Gasiewicz 2003.
- Hardell L, Hansson Nild K, Sandström M, Carlberg M, Hallquist A, Pählson A. Vestibular schwannoma, tinnitus and cellular telephones. *Neuroepidemiology* 2003; 22: 124-9.