

## 7 Literatur

- Altman, F. P. (1981). "A metabolic dysfunction in early murine osteoarthritis." Ann Rheum Dis **40**(3): 303-6.
- Anderson-MacKenzie, J. M., M. E. Billingham, et al. (1999). "Collagen remodeling in the anterior cruciate ligament associated with developing spontaneous murine osteoarthritis." Biochem Biophys Res Commun **258**(3): 763-7.
- Arznei-Telegramm (1996). "Übersicht: Möglichkeiten und Grenzen der Arthrose-Therapie Grosser Gelenke." Arznei-Telegramm **4**: 35-38.
- Bellamy, N., J. Kirwan, et al. (1997). "Recommendations for a core set of outcome measures for future phase III clinical trials in knee, hip, and hand osteoarthritis. Consensus development at OMERACT III." J Rheumatol **24**(4): 799-802.
- Blumenfeld, I., D. Laufer, et al. (1997). "Effects of transforming growth factor-beta 1 and interleukin-1 alpha on matrix synthesis in osteoarthritic cartilage of the temporo-mandibular joint in aged mice." Mech Ageing Dev **95**(1-2): 101-11.
- Brewster, M., E. J. Lewis, et al. (1998). "Ro 32-3555, an orally active collagenase selective inhibitor, prevents structural damage in the STR/ORT mouse model of osteoarthritis." Arthritis Rheum **41**(9): 1639-44.
- Bühling, L. W. (1995). Intensivkurs: Allgemeine und spezielle Pathologie.
- Chambers, M. G., M. T. Bayliss, et al. (1997). "Chondrocyte cytokine and growth factor expression in murine osteoarthritis." Osteoarthritis Cartilage **5**(5): 301-8.
- Chambers, M. G., L. Cox, et al. (2001). "Matrix metalloproteinases and aggrecanases cleave aggrecan in different zones of normal cartilage but colocalize in the development of osteoarthritic lesions in STR/ort mice." Arthritis Rheum **44**(6): 1455-65.

- Collins, C., R. G. Evans, et al. (1994). "Chondro-osseous metaplasia, bone density and patellar cartilage proteoglycan content in the osteoarthritis of STR/ORT mice." Osteoarthritis Cartilage **2**(2): 111-8.
- Das-Gupta, E. P., T. J. Lyons, et al. (1993). "New histological observations in spontaneously developing osteoarthritis in the STR/ORT mouse questioning its acceptability as a model of human osteoarthritis." Int J Exp Pathol **74**(6): 627-34.
- Drenckhahn, Z. (1994). Benninghoff Anatomie. Makroskopische Anatomie, Embryologie und Histologie des Menschen.
- Dunham, J., M. G. Chambers, et al. (1988). "Changes in oxidative activities of chondrocytes during the early development of natural murine osteoarthritis." Br J Exp Pathol **69**(6): 845-53.
- Eerola, I., H. Salminen, et al. (1998). "Type X collagen, a natural component of mouse articular cartilage: association with growth, aging, and osteoarthritis." Arthritis Rheum **41**(7): 1287-95.
- Evans, R. G., C. Collins, et al. (1994). "Radiological scoring of osteoarthritis progression in STR/ORT mice." Osteoarthritis Cartilage **2**(2): 103-9.
- Fernandes, J. C., J. Martel-Pelletier, et al. (2002). "The role of cytokines in osteoarthritis pathophysiology." Biorheology **39**(1-2): 237-46.
- Flannelly, J., M. G. Chambers, et al. (2002). "Metalloproteinase and tissue inhibitor of metalloproteinase expression in the murine STR/ort model of osteoarthritis." Osteoarthritis Cartilage **10**(9): 722-33.
- Flannery, C. R., C. B. Little, et al. (2000). "IL-6 and its soluble receptor augment aggrecanase-mediated proteoglycan catabolism in articular cartilage." Matrix Biol **19**(6): 549-53.

- Gaffen, J. D., M. T. Bayliss, et al. (1997). "Elevated aggrecan mRNA in early murine osteoarthritis." Osteoarthritis Cartilage **5**(4): 227-33.
- Grundmann (1994). Einführung in die Allgemeine Pathologie.
- Guerne, P. A., A. Desgeorges, et al. (1999). "Effects of IL-6 and its soluble receptor on proteoglycan synthesis and NO release by human articular chondrocytes: comparison with IL-1. Modulation by dexamethasone." Matrix Biol **18**(3): 253-60.
- Hardy, M. M., K. Seibert, et al. (2002). "Cyclooxygenase 2-dependent prostaglandin E2 modulates cartilage proteoglycan degradation in human osteoarthritis explants." Arthritis Rheum **46**(7): 1789-803.
- Hashimoto, S., R. L. Ochs, et al. (1998). "Linkage of chondrocyte apoptosis and cartilage degradation in human osteoarthritis." Arthritis Rheum **41**(9): 1632-8.
- Iannone, F., C. De Bari, et al. (2001). "Interleukin-10 and interleukin-10 receptor in human osteoarthritic and healthy chondrocytes." Clin Exp Rheumatol **19**(2): 139-45.
- Jacques, C., A. Sautet, et al. (1999). "Cyclooxygenase activity in chondrocytes from osteoarthritic and healthy cartilage." Rev Rhum Engl Ed **66**(12): 701-4.
- Karow, L.-R. (2003). Allgemeine und Spezielle Pharmakologie und Toxikologie.
- Loeser, R. F. (1997). "Growth factor regulation of chondrocyte integrins. Differential effects of insulin-like growth factor 1 and transforming growth factor beta on alpha 1 beta 1 integrin expression and chondrocyte adhesion to type VI collagen." Arthritis Rheum **40**(2): 270-6.
- Loeser, R. F., G. Shanker, et al. (2000). "Reduction in the chondrocyte response to insulin-like growth factor 1 in aging and osteoarthritis: studies in a non-human primate model of naturally occurring disease." Arthritis Rheum **43**(9): 2110-20.

- 
- Lohmander, L. S., L. A. Hoerrner, et al. (1993). "Metalloproteinases, tissue inhibitor, and proteoglycan fragments in knee synovial fluid in human osteoarthritis." Arthritis Rheum **36**(2): 181-9.
- Martel-Pelletier, J., R. McCollum, et al. (1992). "The interleukin-1 receptor in normal and osteoarthritic human articular chondrocytes. Identification as the type I receptor and analysis of binding kinetics and biologic function." Arthritis Rheum **35**(5): 530-40.
- Martinez Cairo, S., C. Salgado Legorreta, et al. (2001). "[Effect of naproxen on serum concentrations of IL-1, IL-6, and TNF in patients with osteoarthritis]." Rev Alerg Mex **48**(4): 119-22.
- Mason, R. M., M. G. Chambers, et al. (2001). "The STR/ort mouse and its use as a model of osteoarthritis." Osteoarthritis Cartilage **9**(2): 85-91.
- Moos, V. (1999). Expression und Regulation von Zytokinen und Wachstumsfaktoren im humanen arthrotischen Knorpel. Berlin, Freie Universität Berlin
- Moos, V., S. Fickert, et al. (1999). "Immunohistological analysis of cytokine expression in human osteoarthritic and healthy cartilage." J Rheumatol **26**(4): 870-9.
- Moos, V., M. Rudwaleit, et al. (2000). "Association of genotypes affecting the expression of interleukin-1beta or interleukin-1 receptor antagonist with osteoarthritis." Arthritis Rheum **43**(11): 2417-22.
- Nahir, A. M., N. Vitis, et al. (1990). "Cellular enzymatic activities in the articular cartilage of osteoarthritic and osteoporotic hip joints of humans: a quantitative cytochemical study." Aging (Milano) **2**(4): 363-9.
- Nemoto, O., H. Yamada, et al. (1997). "Suppression of matrix metalloproteinase-3 synthesis by interleukin-4 in human articular chondrocytes." J Rheumatol **24**(9): 1774-9.

- Nietfeld, J. J., B. Wilbrink, et al. (1990). "Interleukin-1-induced interleukin-6 is required for the inhibition of proteoglycan synthesis by interleukin-1 in human articular cartilage." Arthritis Rheum **33**(11): 1695-701.
- Schalkwijk, J., L. A. Joosten, et al. (1989). "Insulin-like growth factor stimulation of chondrocyte proteoglycan synthesis by human synovial fluid." Arthritis Rheum **32**(1): 66-71.
- Scharstuhl, A., H. L. Glansbeek, et al. (2002). "Inhibition of endogenous TGF-beta during experimental osteoarthritis prevents osteophyte formation and impairs cartilage repair." J Immunol **169**(1): 507-14.
- Schlaak, J. F., I. Pfers, et al. (1996). "Different cytokine profiles in the synovial fluid of patients with osteoarthritis, rheumatoid arthritis and seronegative spondylarthropathies." Clin Exp Rheumatol **14**(2): 155-62.
- Schmailzl, K. J. G. (1995). Harrison Innere Medizin.
- Sipe, J. D. (1995). "Acute-phase proteins in osteoarthritis." Semin Arthritis Rheum **25**(2): 75-86.
- Smith, M. D., S. Triantafillou, et al. (1997). "Synovial membrane inflammation and cytokine production in patients with early osteoarthritis." J Rheumatol **24**(2): 365-71.
- Sokoloff, L. (1956). "Natural history of degenerative joint disease in small laboratory animals." Arch Pathol **62**: 118-28.
- Spector, T. D., F. Cicuttini, et al. (1996). "Genetic influences on osteoarthritis in women: a twin study." Bmj **312**(7036): 940-3.
- Stove, J., K. Huch, et al. (2000). "Interleukin-1beta induces different gene expression of stromelysin, aggrecan and tumor-necrosis-factor-stimulated gene 6 in human osteoarthritic chondrocytes in vitro." Pathobiology **68**(3): 144-9.

- 
- Uzun, H., S. Tuzun, et al. (2001). "The effect of flurbiprofen and tiaprofenic acid on serum cytokine levels of patients with osteoarthritis." Acta Orthop Scand **72**(5): 499-502.
- van Beuningen, H. M., H. L. Glansbeek, et al. (2000). "Osteoarthritis-like changes in the murine knee joint resulting from intra-articular transforming growth factor-beta injections." Osteoarthritis Cartilage **8**(1): 25-33.
- van Beuningen, H. M., P. M. van der Kraan, et al. (1993). "Protection from interleukin 1 induced destruction of articular cartilage by transforming growth factor beta: studies in anatomically intact cartilage in vitro and in vivo." Ann Rheum Dis **52**(3): 185-91.
- van den Berg, W. B. (1998). "Joint inflammation and cartilage destruction may occur uncoupled." Springer Semin Immunopathol **20**(1-2): 149-64.
- van Roon, J. A., J. L. van Roy, et al. (1996). "Prevention and reversal of cartilage degradation in rheumatoid arthritis by interleukin-10 and interleukin-4." Arthritis Rheum **39**(5): 829-35.
- Walton, M. (1979). "Obesity as an aetiological factor in the development of osteoarthritis." Gerontology **25**(1): 36-41.
- Walton, M. (1979). "Patella displacement and osteoarthritis of the knee joint in mice." J Pathol **127**(4): 165-72.
- Wang, F. L., J. R. Connor, et al. (2000). "Differential expression of egr-1 in osteoarthritic compared to normal adult human articular cartilage." Osteoarthritis Cartilage **8**(3): 161-9.