

LIST OF PUBLICATIONS

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1. Articles refereed in international scientific journals
2. Articles in international scientific edited volumes and in refereed international scientific conference proceedings
3. Articles in refereed Finnish scientific journals
4. Articles in refereed Finnish scientific edited volumes and in Finnish scientific conference proceedings
5. Scientific monographs published in Finland
6. Scientific monographs published abroad
7. Other scientific publications, such as articles in non-refereed scientific journals, and conference proceedings, and publications in university and department series
8. Book chapters
9. Other publications

1. Articles refereed in international scientific journals

1. Heinonen J, Zhang FP, Surmann-Schmitt C, Honkala S, Stock M, Poutanen M, **Säämänen AM**. Defects in chondrocyte maturation and secondary ossification in mouse knee joint epiphyses due to Snorc deficiency. *Osteoarthritis Cartilage*. 2017 Jul;25(7):1132-1142. doi: 10.1016/j.joca.2017.03.010. Epub 2017 Mar 18. PMID: n28323137
2. Puolakkainen T, Rummukainen P, Lehto J, Ritvos O, Hiltunen A, **Säämänen AM**, Kiviranta R. Soluble activin type IIB receptor improves fracture healing in a closed tibial fracture mouse model. *PLoS One*. 2017 Jul 13;12(7):e0180593. doi: 10.1371/journal.pone.0180593. eCollection 2017. PMID:28704409
3. Kangas R, Törmäkangas T, Fey V, Pursiheimo J, Miinalainen I, Alen M, Kaprio J, Sipilä S, **Säämänen AM**, Kovanen V, Laakkonen EK. Aging and serum exomiR content in women-effects of estrogenic hormone replacement therapy. *Sci Rep*. 2017 Feb 14;7:42702. doi: 10.1038/srep42702.
4. Pasold J, Osterberg A, Peters K, Taipaleenmäki H, **Säämänen AM**, Vollmar B, Müller-Hilke B. Reduced expression of Sfrp1 during chondrogenesis and in articular chondrocytes correlates with osteoarthritis in STR/ort mice. *Exp Cell Res*. 319(5):649-59, 2013.
5. Taipaleenmäki H, Harkness L, Chen L, Larsen KH, **Säämänen AM**, Kassem M, Abdallah BM. The crosstalk between TGF- β 1 and Dlk1 mediates early chondrogenesis during embryonic endochondral ossification. *Stem Cells* 30(2):304-13, 2012.
6. Chen L, Qanie D, Jafari A, Taipaleenmaki H, Jensen CH, **Säämänen AM**, Sanz ML, Laborda J, Abdallah BM, Kassem M. Delta-like 1/Fetal Antigen-1 (Dlk1/FA1) Is a Novel Regulator of Chondrogenic Cell Differentiation via Inhibition of the Akt Kinase-dependent Pathway. *J Biol Chem*. 286(37):32140-9, 2011.
7. Heinonen J, Taipaleenmäki H, Roering P, Takatalo M, Harkness L, Sandholm J, Uusitalo-Järvinen H, Kassem M, Kiviranta I, Laitala-Leinonen T, **Säämänen AM**. Snorc is a novel cartilage specific small membrane proteoglycan expressed in differentiating and articular chondrocytes. *Osteoarthritis Cartilage*. 19(8):1026-35, 2011.
8. Taipaleenmäki H, Abdallah BM, Aldamash A, Säämänen AM, Kassem M. Wnt signalling mediates the cross-talk between bone marrow derived pre-adipocytic and pre-osteoblastic cell populations. *Exp Cell Res*. 317(6):745-56, 2011.
9. Harkness L, Taipaleenmäki H, Mahmood A, Frandsen U, **Säämänen AM**, Kassem M, Abdallah BM: Isolation and differentiation of chondrocytic cells derived from human

- embryonic stem cells using dlk1/FA1 as a novel surface marker. *Stem Cell Rev.* 5(4):353-368, 2009.
10. Taipaleenmäki H, Suomi S, Hentunen T, Laitala-Leinonen T, **Säämänen AM**: Impact of stromal cell composition on BMP-induced chondrogenic differentiation of mouse bone marrow derived mesenchymal cells. *Experimental Cell Research*, 314(13):2400-10, 2008.
 11. Suomi S, Taipaleenmäki H, Seppänen A, Ripatti T, Väänänen K, Hentunen T, **Säämänen A-M**, Laitala-Leinonen T: MicroRNAs regulate osteogenesis and chondrogenesis of mouse bone marrow stromal cells. *Gene Regulation and Systems Biology* 2: 177–191, 2008.
 12. Muhonen A, **Säämänen A-M**, Peltomäki T, Happonen R-P: The effect of irradiation and hyperbaric oxygenation (HBO) on extracellular matrix of the condylar cartilage after mandibular distraction osteogenesis in the rabbit. *Int. J. Oral Maxillofac. Surg.* 35(1):79-87, 2006.
 13. Morko J, Kiviranta R, Joronen K, **Säämänen A-M**, Vuorio E, Salminen-Mankonen H: Spontaneous development of synovitis and cartilage degeneration in transgenic mice overexpressing cathepsin K. *Arthritis Rheum.* 52(12):3713-3717, 2005.
 14. Salminen-Mankonen H, **Säämänen A-M**, Jalkanen M, Vuorio E, Pirilä L: Syndecan-1 expression is up-regulated in degenerating articular cartilage in a transgenic mouse model for osteoarthritis. *Scand. J. Rheum.* 34(6):469-474, 2005.
 15. Kämpylä J, Jaalinoja J, Tulla M, Ylöstalo J, Nissinen L, Viitasalo T, Vehviläinen P, Marjomäki V, Nykvist P, **Säämänen AM**, Farndale RW, Birk DE, Ala-Kokko L, Heino J. The fibril-associated collagen IX provides a novel mechanism for cell adhesion to cartilaginous matrix. *J. Biol. Chem.* 279(49):51677-51687, 2004.
 16. Morko J, Söderström M, **Säämänen A-M**, Salminen H, Vuorio E: Up regulation of cathepsin K expression in articular chondrocytes in a transgenic mouse model for osteoarthritis. *Ann. Rheum. Dis.* 63:649-655, 2004.
 17. Siitonen HA, Kopra O, Kääriäinen H, Haravuori H, Winter R, **Säämänen AM**, Peltonen L, Kestilä M: Molecular defect of RAPADILINO syndrome expands the phenotype spectrum of RECQL diseases. *Hum. Mol. Genet.* 2003;12(21):2837-44.
 18. Helminen HJ, **Säämänen A-M**, Salminen H, Hyttinen MM: Transgenic models for studying the role of cartilage macromolecules in osteoarthritis. *Review. Rheumatology (Oxford)* 41(8): 848-856, 2002.
 19. Ihanamäki T, Salminen H, **Säämänen A-M**, Sandberg-Lall M, Vuorio E, Pelliniemi LJ: Ultrastructural characterization of developmental and degenerative vitreo-retinal changes in the eyes of transgenic mice with a deletion mutation in type II collagen gene. *Current Eye Res.* 24 (6): 439-450, 2002.
 20. Ihanamäki T, **Säämänen A-M**, Suominen J, Pelliniemi LJ, Harley V, Vuorio E, Salminen H: Expression of Sox9 and type IIA procollagen during ocular development and aging in transgenic Del1 mice with a mutation in the type II collagen gene. *Eur. J. Ophthalmol.* 12(6):450-8, 2002.
 21. Lapveteläinen T, Hyttinen MM, **Säämänen A-M**, Långsjö T, Sahlman J, Felszeghy S, Vuorio E, Helminen HJ: Lifelong voluntary joint loading increases osteoarthritis in mice housing a deletion mutation in type II procollagen gene, and slightly also in non-transgenic mice. *Ann. Rheum. Dis.* 61: 810-817, 2002.
 22. Salminen HJ, **Säämänen A-MK**, Vankemmelbeke MN, Auho PK, Perälä MP, Vuorio EI: Differential expression patterns of matrix metalloproteinases and their inhibitors during development of osteoarthrosis in a transgenic mouse model. *Ann. Rheum. Dis.* 61(7):591-597, 2002.
 23. **Säämänen A-M**, Salminen H, Rantakokko J, Heinegård D, Vuorio E: Murine fibromodulin: cDNA and genomic structure, and age-related expression and distribution in the knee joint. *Biochem. J.* 355 (3): 577-585 , 2001.
 24. Ihanamäki T, Salminen H, **Säämänen A-M**, Pelliniemi LJ, Hatrmann DJ, Sandberg-Lall M, Vuorio E: Age-dependent changes in the expression of matrix components in the mouse eye. *Exp. Eye Res.* 72(4):423-431, 2001.

25. Salminen H, Vuorio E, **Säämänen A-M**: Expression of Sox9 and type IIA collagen during attempted repair of articular cartilage damage in a transgenic mouse model for osteoarthritis. *Arthritis Rheum.* 44 (4): 947-955, 2001.
26. Visnapuu V, Peltomäki T, **Säämänen A-M**, Rönning O: Collagen I and II mRNA distribution in the rat temporomandibular joint region during growth. *J. Craniofac. Gen. Dev. Biol.* 20:144-149, 2001.
27. Salminen H, Perälä M, Lorenzo P, Saxne T, Heinegård D, **Säämänen A-M**, Vuorio E: Up-regulation of Cartilage Oligomeric Matrix Protein at the onset of articular cartilage degeneration in a transgenic mouse model for osteoarthritis. *Arthritis Rheum.* 43 (8): 1742-1748, 2000.
28. **Säämänen A-M**, Salminen HJ, de Crombrughe B, Dean PB, Vuorio EI, Metsäranta MPH: Osteoarthritis-like lesions in transgenic mice harboring a small deletion mutation in type II collagen gene. *Osteoarthritis and Cartilage*, 8 (4): 248-257, 2000.
29. Eerola I, Salminen H, Lammi P, Lammi M, von der Mark K, Vuorio E, **Säämänen A-M**: Type X collagen, a natural component of mouse articular cartilage. Association with growth, aging, and osteoarthritis. *Arthritis Rheum.* 41: 1287-1295, 1998.
30. Rintala M, Metsäranta M, **Säämänen A-M**, Vuorio E, Rönning O: Abnormal craniofacial growth and early mandibular osteoarthritis in mice harbouring a mutant type II collagen transgene. *J. Anatomy* 190: 201-208, 1997.
31. Hiltunen A, Metsäranta M, Perälä M, **Säämänen A-M**, Aro HT, Vuorio E: Expression of type VI, IX and XI collagen genes and alternative splicing of type II collagen transcripts in fracture callus tissue in mice. *FEBS Lett.* 364: 171-174, 1995.
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33. **Säämänen A-M**, Kiviranta I, Jurvelin J, Helminen HJ, Tammi M. Proteoglycan and collagen alterations in canine knee articular cartilage following 20 km daily running exercise for 15 weeks. *Connective Tissue Res.* 30: 191-201, 1994.
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35. **Säämänen A-M**, Ilves K, Lammi M, Kiviranta I, Puustjärvi K, Helminen HJ, Tammi M: Effect of running training on proteoglycans and collagen content in young canine intervertebral disc. *Int. J. Sports Med.* 14(1): 48-51, 1993.
36. Kiviranta I, Tammi M, Jurvelin J, Arokoski J, **Säämänen A-M**, Helminen HJ. Articular cartilage thickness and glycosaminoglycan distribution in canine knee joint after strenuous running exercise. *Clinical Orthopaedics and Related Research* 283: 302-308, 1992.
37. Tammi R, **Säämänen A-M**, Maibach HI, Tammi M. Degradation of newly synthesized high-molecular mass hyaluronan in the epidermal and dermal compartments of human skin in organ culture. *J. Invest. Dermatol.* 97(1): 126-130, 1991.
38. Jurvelin J, Kiviranta I, **Säämänen A-M**, Tammi M, Helminen HJ: Indentation stiffness of canine knee articular cartilage - Influence of strenuous joint loading. *J. Biomech.* 23: 1239-1246, 1990.
39. **Säämänen A-M**, Tammi M, Jurvelin J, Kiviranta I, Helminen HJ. Proteoglycan alterations following unloading (immobilization) and remobilization in the articular cartilage of young canine knee (stifle) joint. *J. Orthop. Res.* 8:863-873, 1990.
40. **Säämänen A-M**, Tammi M, Kiviranta I, Jurvelin J, Helminen HJ. Levels of chondroitin-6-sulfate and nonaggregating proteoglycans at articular cartilage contact sites in the knees of young dogs subjected to moderate running exercise. *Arthritis Rheum.* 32 (10), 1282-1292, 1989.
41. Jurvelin J, Kiviranta I, **Säämänen A-M**, Tammi M, Helminen HJ. Partial restoration of immobilization-induced softening of canine articular cartilage after remobilization of the knee (stifle) joint, *J. Orthop. Res.* 7, 352-358, 1989.

42. **Säämänen A-M**, Tammi M. A sensitive GLC-method for component sugars and O-glycosidic linkage monosaccharides of cartilage proteoglycans. *Glycoconjugate J.* 5, 235-243, 1988.
43. Jurvelin J, **Säämänen A-M**, Arokoski J, Helminen HJ, Kiviranta I, Tammi M. Biomechanical properties of canine knee articular cartilage and their relationship to the mechanical composition of the tissue. *Eng. Med.* 17, 157-162, 1988.
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45. Kiviranta I, Tammi M, Jurvelin J, **Säämänen A-M**, Helminen HJ. Moderate running exercise augments glycosaminoglycans and thickness of articular cartilage in the knee joint of young Beagle dogs. *J. Orthop. Res.* 6, 188-198, 1988.
46. Nantö-Salonen K, Larjava H, **Säämänen A-M**, Heino J, Penttinen R, Pelliniemi LJ, Tammi M. Abnormal dermal proteoglycan in aspartylglycosaminuria: A possible mechanism for ultrastructural changes of collagen fibrils in a glycoprotein storage disorder. *Connective Tissue Res.* 16, 367-378, 1987.
47. Kiviranta I, Jurvelin J, Tammi M, **Säämänen A-M**, Helminen HJ. Weight-bearing controls glycosaminoglycan concentration and thickness of articular cartilage in the knee joint of young Beagle dogs. *Arthritis Rheum.* 30, 801-809, 1987.
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49. Kiviranta I, Tammi M, Jurvelin J, **Säämänen A-M**, Helminen HJ. Demonstration of chondroitin sulphate and glycoproteins in articular cartilage matrix in using periodic acid-Schiff (PAS) method. *Histochemistry* 83, 303-306, 1985.
50. Jurvelin J, Helminen HJ, Lauritsalo S, Kiviranta I, **Säämänen A-M**, Paukkonen K, Tammi M. Influences of joint immobilization and running exercise on articular cartilage surfaces of young rabbits. A semiquantitative stereomicroscopic and scanning electron microscopic study. *Acta anat.* 122, 62-68, 1985.
51. Kiviranta I, Jurvelin J, Tammi M, **Säämänen A-M**, Helminen HJ. Microspectrophotometric quantitation of glycosaminoglycans in articular cartilage sections stained with Safranin O. *Histochemistry* 82, 249-255, 1985.
52. Helminen H, Jurvelin J, Tammi M, Pelttari A, Svartbäck C-M, Kiviranta I, **Säämänen A-M**, Paukkonen K. Prolonged ethanol replacement by CO₂ increases splits on articular cartilage surface after critical point drying. *J. Microscopy* 137(3), 305-312, 1985.
53. Paukkonen K, Helminen HJ, Tammi M, Jurvelin J, Kiviranta I, **Säämänen A-M**. Quantitative morphological and biochemical investigations on the effects of physical exercise and immobilization on the articular cartilage of young rabbits. *Acta Biol. Acad. Sci. Hung.* 35(2-4): 293-304, 1984.
54. Kiviranta I, Tammi M, Jurvelin J, **Säämänen A-M**, Helminen H. Fixation, decalcification, and tissue processing effects on articular cartilage proteoglycans. *Histochemistry* 80, 569-573, 1984.
55. **Säämänen A-M**, Tammi M. Determination of unsaturated glycosaminoglycan disaccharides by spectrophotometry on thin layer chromatographic plate. *Anal. Biochem.* 140 (2), 354-359, 1984.
56. Tammi M, **Säämänen A-M**, Jauhiainen A, Malminen O, Kiviranta I, Helminen H. Proteoglycan alterations in rabbit knee articular cartilage following physical exercise and immobilization. *Connective Tissue Res.* 11, 45-55, 1983.

2. Articles in international scientific edited volumes and in refereed international scientific conference proceedings

1. Vuorio E, Salminen H, **Säämänen A-M**: A transgenic mouse model for osteoarthritis. In: *Molecular Biology in Orthopaedics*. Ed. Randy N. Rosier and Christopher H. Evans. American Academy of Orthopaedic Surgeons, pp. 342-349, 2002.

2. Vuorio E, Elima K, Perälä M, **Säämänen A-M**: Transgenic mice as models for cartilage and eye diseases. In: Wenner-Grenn Foundation Symposium: Connective Tissue Biology: Integration and Reductionism. Ed. Rolf Reed and Cristopher Rubin. pp. 135-145, 1997.
3. Jurvelin JS, Kiviranta I, **Säämänen A-M**, Arokoski J, Tammi M, Räsänen T, Leivo S, Helminen HJ: Functional and structural adaptation of canine knee articular cartilage to physiological joint loading. Kirjassa: Micromovement in Orthopaedics. Oxford Medical Engineering Series. Turner-Smith A (toim.), Oxford University Press, pp. 227-268, 1993.
4. Helminen HJ, Kiviranta I, **Säämänen A-M**, Jurvelin JS, Arokoski J, Oetmeier R, Abendroth K, Roth AJ, Tammi M: Effect of motion and load on articular cartilage in animal models. Kirjassa: Articular Cartilage and Osteoarthritis. Kuettner et al. (toim.). Raven Press, New York, 1992, s. 501-510.
5. Heminen HJ, Kiviranta I, **Säämänen A-M**, Jurvelin J, Paukkonen K, Parkkinen J, Lammi M, Arokoski J, Lapveteläinen T, Hyttinen M, Tammi M: Superficial zone of articular cartilage after immobilization and running training: Is proteoglycan depletion the clue to the pathogenesis of osteoarthrosis? Kirjassa: Wolff's law and Connective Tissue Regulation. G. Regling (toim.), Walter de Gruyter, Berlin 1992. s. 279-282.
6. Helminen HJ, Jurvelin J, Svartbäck C-M, Tammi M, Pelttari A, **Säämänen A-M**, Paukkonen K. Morphological characteristics of articular cartilage surface after air-drying and critical point drying. Proceedings of the XIIIth Symposium of the European Society of Osteoarthrology, Prague, June 25-27, 1984. (Bone, Cartilage, Joint). Avicenum, Czechoslovak Medical Press, Prague 1985, pp. 95-97.
7. Ryhänen R, Närhi M, Hänninen O, Puhakainen E, **Säämänen A-M**. Pseudocholinesterase activity in human oral fluid. Adv. Physiol. Sci. 29, 55-61, 1981.
8. **Säämänen A-M**, Halonen T, Juutilainen P, Puhakainen E. Effect of D-glucaro-1,4-lactone and antibiotic ingestion to the faecal excretion of imipramin and iopanoic acid. Adv. Physiol. Sci. 29, 575-585, 1981.

3. Articles in refereed Finnish scientific journals

1. **Säämänen A-M**, Vasara A, Lammi M, Kiviranta I: Solusiirteet ja biomateriaalit rustovamman kirurgisessa korjauksessa. Duodecim 124:1910-1918, 2008.
2. Helminen HJ, **Säämänen A-M**, Jurvelin J, Kiviranta I, Parkkinen J, Lammi M, Tammi M: Kuormituksen vaikutus nivelrustoon. Katsaus. (Effect of joint loading on articular cartilage). Duodecim 108: 1097-1107, 1992.
3. Helminen HJ, Kiviranta I, Jurvelin J, **Säämänen A-M**, Paukkonen K, Parkkinen J, Tammi M: KUVANI-projekti: Kuormituksen vaikutus nivelrustoon (KUVANI-project: Effects of joint loading on biological properties of articular cartilage). Suomen Liikuntalääketiede 3(4), 172-186, 1984.

4. Articles in refereed Finnish scientific edited volumes and in Finnish scientific conference proceedings

5. Scientific monographs published in Finland

1. **Säämänen A-M**. Articular cartilage proteoglycans and joint loading. A study in young rabbits and dogs. **Ph.D. thesis**. Publications of the University of Kuopio, Medicine, Original Reports 7/1989.

6. Scientific monographs published in Finland

7. Other scientific publications, such as articles in non-refereed scientific journals and conference proceedings, and publications in university and department series

1. Helminen HJ, Kiviranta I, Jurvelin J, **Säämänen A-M**, Parkkinen JJ, Lammi MJ, Arokoski JPA, Hyttinen MM, Paukkonen K, Tammi MI: The secret of osteoarthritis: are we asking the right questions? Trends in Biomedical Sciences at the Turn of the Millennium. Symposium Proceeding Celebrating 80 years of Medical Education in Debrecen (1918-1998). Ed. G. Barabás, L. Fésüs, M Györffi, University Medical School of Debrecen, pp. 49-62, 1999.
2. Kiviranta I, Tammi M, Arokoski J, Jurvelin JS, **Säämänen A-M**, Parkkinen JJ, Lammi MJ, Hyttinen MM, Helminen HJ: Effects of mechanical loading and immobilization on the articular cartilage. In: Soft Tissue Injuries in Sports. Bailliere's Clinical Orthopaedics. Ed. Markku Järvinen. pp. 109-122, 1997.
3. Kiviranta I, Tammi M, Jurvelin J, Arokoski J, **Säämänen A-M**, Helminen HJ: Adaptation of articular cartilage to physical exercise. Paavo Nurmi Congress Book, Turku, Finland, August 28th - September 1st, 1989, pp. 132-135.
4. Helminen HJ, Kiviranta I, **Säämänen A-M**, Jurvelin J, Paukkonen K, Parkkinen J, Lammi M, Arokoski J, Lapveteläinen T, Hyttinen M, Tammi M. Proteoglycan depletion in the superficial zone of articular cartilage after immobilization and running training: Clue to the pathogenesis of osteoarthritis? In: Postepy Osteoartrologii. J.E. Badurski (ed.), Sekcja Osteoartrologii, Polkiego Towarzystwa Lekarskiego, Bialystok, Poland 1989, pp. 26-29.
5. Kiviranta I, **Säämänen A-M**, Lammi M, Ilves K, Jurvelin J, Helminen H, Tammi M. Juoksumuokituksen vaikutus nuoren koiran nikamavälilevyyn SOT 3, 491-493, 1988.
6. Tammi M, Paukkonen K, Kiviranta I, Jurvelin J, **Säämänen A-M**, Helminen HJ. Joint loading-induced alterations in articular cartilage. Kirjassa: Joint loading - Biology and Health of Articular Structures. Helminen HJ, Kiviranta I, Tammi M, Säämänen A-M, Paukkonen K, Jurvelin J (eds.). John Wright and Sons Ltd., Bristol, 1987, s. 50-66.
7. Helminen HJ, Jurvelin J, Kiviranta I, Paukkonen K, **Säämänen A-M**, Tammi M. Joint loading effects on articular cartilage: A historical review. In: Joint loading - Biology and Health of Articular Structures. Helminen HJ, Kiviranta I, Tammi M, Säämänen A-M, Paukkonen K, Jurvelin J (eds.). John Wright and Sons Ltd., Bristol, 1987, s. 1-30.

8. Book chapters

1. Säämänen A-M, Kiviranta R, Arokoski J, Jurvelin J, Järvinen M, Kiviranta I: Tuki- ja liikuntaelimestön kudosten rakenne ja toiminta. In: Ortopedia, Kiviranta I, and M. Järvinen M. (eds.), Kandidaatikustannus, pp.13-43, 2012.
2. **Säämänen A-M**, Arokoski JPA, Jurvelin JA, Kiviranta I: The structure and regenerative capacity of synovial joint tissues. In: Regenerative medicine and biomaterials for the repair of connective tissues. Archer, C and Ralphs, J (eds.). Woodhead Publishing, pp. 1-29, 2010.
3. **Säämänen A-M**, Hyttinen M, Vuorio E: Analysis of arthritic lesions in the Delt1 mouse: a model for OA, Methods in Molecular Medicine, Vol 136. Arthritis Research: Methods and Protocols, vol 2, Cope A (ed.). Humana, Totowa, NJ, pp. 283-302, 2007.
4. **Säämänen A-M**, Vuorio E: Generation and Use of Transgenic Mice as Models of Osteoarthritis. in Methods in Molecular Medicine, Vol. 101: Cartilage and Osteoarthritis, Volume 2: Structure and In Vivo Analysis. de Ceuninck, F. , Sabatini, M., and Pastoureau, P. (eds.) Humana, Totowa, NJ, pp. 1-23, 2004.

9. Editorial work

1. Joint Loading - Biology and Health of Articular Structures. Helminen HJ, Kiviranta I, Tammi M, **Säämänen A-M**, Paukkonen K, Jurvelin J (eds.). John Wright and Sons Ltd., Bristol, 1987.
2. Miniposters, Proceedings of the XVth Symposium of European Society of Osteoarthrology, 25-27 June 1986. Publications of the University of Kuopio, Lääketiede/Medicine 6/1986. Editors: **Säämänen A-M**, Kiviranta I, Jurvelin J, Paukkonen K, Jaroma H, Tammi M, Helminen HJ (Chairman). Kuopio 1986, University Printing Office.
3. Supplement No. 60 to the Scandinavian Journal of Rheumatology. Editors: **Säämänen A-M**, Kiviranta I, Jurvelin J, Helminen HJ (Chairman). ISSN 0301-3847. Vammalan Kirjapaino Oy, Vammala, 1986.
4. XVth Symposium of the European Society of Osteoarthrology, Kuopio 25-27 June 1986, Second Circular (1985).