

## **Publikationsliste Dr. med. Jürgen Klasen**

Curcuma DMSO extracts and curcumin exhibit an anti-inflammatory and anti-catabolic effect on human intervertebral disc cells, possibly by influencing TLR2 expression and JNK activity  
Klawitter M, Quero L, Klasen J, Gloess AN, Klopprogge B, Hausmann O, Boos N, Wuertz K J Inflamm (Lond). 2012 Aug 21;9(1):29. doi: 10.1186/1476-9255-9-29

Analysis of internal construct validity of the SRS-24 questionnaire Rothenfluh DA, Neubauer G, Klasen J, Min K Eur Spine J. 2012 Aug;21(8):1590-5

Human MMP28 expression is unresponsive to inflammatory stimuli and does not correlate to the grade of intervertebral disc degeneration Klawitter M, Quero L, Bertolo A, Mehr M, Stoyanov J, Nerlich AG, Klasen J, Aebli N, Boos N, Wuertz K J Negat Results Biomed. 2011 Jul 29;10:9. doi: 10.1186/1477-5751-10-9

Triptolide exhibits anti-inflammatory, anti-catabolic as well as anabolic effects and suppresses TLR expression and MAPK activity in IL-1 $\beta$  treated human intervertebral disc cells Klawitter M, Quero L, Klasen J, Liebscher T, Nerlich A, Boos N, Wuertz K Eur Spine J. 2012 Aug;21 Suppl 6:S850-9. doi: 10.1007/s00586-011-1919-y. Epub 2011 Jul 26

LumbSten: the lumbar spinal stenosis outcome study Steurer J, Nydegger A, Held U, Brunner F, Hodler J, Porchet F, Min K, Mannion AF, Michel B; LumbSten Research Collaboration BMC Musculoskelet Disord. 2010 Nov 2;11:254. doi: 10.1186/1471-2474-11-254

Influence of extracellular osmolarity and mechanical stimulation on gene expression of intervertebral disc cells Wuertz K, Urban JP, Klasen J, Ignatius A, Wilke HJ, Claes L, NeidlingerWilke C J Orthop Res. 2007 Nov;25(11):1513-22

Spinal tumors in coexisting degenerative spine disease--a differential diagnostic problem Börm W, Gleixner M, Klasen J Eur Spine J. 2004 Nov;13(7):633-8. Epub 2004 Jun 19