



**Thorsten Guehring**

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## Publications (8)

Guehring T, Nerlich A, Kroeber M, Richter W, Omlor G. Sensitivity of notochordal disc cells to mechanical loading: an experimental animal study. *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society* 2009

Guehring T, Omlor G, Lorenz H, Engelleiter K, Richter W, Carstens C, Kroeber M. Disc distraction shows evidence of regenerative potential in degenerated intervertebral discs as evaluated by protein expression, magnetic resonance imaging, and messenger ribonucleic acid expression analysis. *Spine* 2006; 31:1658-65.

Guehring T, Unglaub F, Lorenz H, Omlor G, Wilke H, Kroeber M. Intradiscal pressure measurements in normal discs, compressed discs and compressed discs treated with axial posterior disc distraction: an experimental study on the rabbit lumbar spine model. *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society* 2006; 15:597-604.

Omlor G, Lorenz H, Engelleiter K, Richter W, Carstens C, Kroeber M, Guehring T. Changes in gene expression and protein distribution at different stages of mechanically induced disc degeneration--an in vivo study on the New Zealand white rabbit. *Journal of orthopaedic research : official publication of the Orthopaedic Research Society* 2006; 24:385-92.

Unglaub F, Guehring T, Lorenz H, Carstens C, Kroeber M. Effects of unisegmental disc compression on adjacent segments: an in vivo animal model. *European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society* 2005; 14:949-55.

Guehring T, Omlor G, Lorenz H, Bertram H, Steck E, Richter W, Carstens C, Kroeber M. Stimulation of gene expression and loss of anular architecture caused by experimental disc degeneration--an in vivo animal study. *Spine* 2005; 30:2510-5.

Bertram H, Kroeber M, Wang H, Unglaub F, Guehring T, Carstens C, Richter W. Matrix-assisted cell transfer for intervertebral disc cell therapy. *Biochemical and biophysical research communications* 2005; 331:1185-92.

Kroeber M, Unglaub F, Guehring T, Guegring T, Nerlich A, Hadi T, Lotz J, Carstens C. Effects of controlled dynamic disc distraction on degenerated intervertebral discs: an in vivo study on the rabbit lumbar spine model. *Spine* 2005; 30:181-7.

## Projects (0)

No results found.

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