Ausgewählte Publikationen

Neuere Arbeiten (seit 2000)

Schmidt, R.F.: Die Physiologie des Schmerzes. Pharmazie in unserer Zeit 1:23-30

Birbaumer, N., **Schmidt, R.F.**: Motivation und Sucht: In: Enzyklopädie der Psychologie, Hrsg. Th. Elbert und N. Birbaumer, Hogrefe, Göttingen, Bern, Toronto, Seattle, pp. 595-631 *Enzyklopädie der Psychologie*

Pawlak, M., Gomis, A., Just, St., Heppelmann, B., Belmonte, C., **Schmidt, R.F.**: Mechanoprotective actions of elastoviscous hylans on articular pain receptors. Hyaluronan, Proceedings of an international meeting, September 2000, North East Wales Institute, UK, J F Kennedy, G O Phillips and P A Williams (eds), Woodhead Publishing Ltd

Pawlak, M., **Schmidt, R.F.**, Nitz, Ch., Hanesch, U.: The neurokinin-2 receptor is not involved in the sensitization of primary afferents of the knee joint in rat. *Neurosc. Lett.* 326: 113-116

Birbaumer, N., **Schmidt, R.F.**: *Biologische Psychologie*, 5. Auflage, Heidelberg: Springer, pp 1-785

Heppelmann, B., **Schmidt, R.F.**: Cortical projection of the rat knee joint innervation and ist processing in the somatosensory areas SI and SII. *Exp. Brain Res.*, 141: 501-506

Ebinger, M., **Schmidt, R.F.**, Heppelmann, B.: Composition of the medial and posterior articular nerve of the mouse knee joint. *Somatosensory & Motor. Res.* 18 (1): 62-65

Schmidt, R.F.: Physiologische und pathophysiologische Aspekte der Nozizeptionund des Schmerzes. In: Differenzierte medikamentöse Schmerztherapie, hrsgb. R. Wörz. München: Urban & Fischer pp 1-46

Viana, F., Peña de la, E., Pecson, B., **Schmidt, R.F.** and Belmonte C.: Swelling-activated calcium signalling in cultured mouse primary sensory neurons. *Europ. J. of Neurosc.*, Vol. 13, pp 722-734

McDougall, J.J., Hanesch, U., Pawlak, M., **Schmidt, R.F.**: Participation of NK_1 receptors in nociceptin-induced modulation of rat knee joint mechanosensitivity. *Exp. Br. Res.* 137: 249-253

Pawlak, M., **Schmidt, R.F.**, Heppelmann, B., Hanesch, U.: The neurokinin-1 receptor antagonist RP 67580 reduces the sensitization of primary afferents by substance P in the rat. *European Journal of Pain* 5: 69-79

Herbert, M.K., **Schmidt, R.F.**: Sensitisation of group III articular afferents to mechanical stimuli by substance P. *Inflamm. Res.* 50: 275-282

Herbert, M., Just, H., **Schmidt, R.F.**: Histamine excites groups III and IV afferents from the cat knee joint depending on their resting activity. *Neurosc. Lett.* 305: 95-98

Pawlak, M. **Schmidt, R.F.**: Contribution of nitric oxide to the mechanosensitiveity of articular nociceptors. *Polish Journal of Pharmacology*, Vol 53 Supl

Brand, M., Klusch, A., Kurzai, O., Valdeolmillos, M. **Schmidt, R.F.** and Petersen, M.: No evidence for bradykinin B I receptors in rat dorsal root ganglion neurons. *Neuroreport*, Vol 12: 3165-3168

Heppelmann, B., Gallar, J., Trost, B., **Schmidt, R.F.** and Belmonte C.: Three-Dimensional Reconstruction of Scleral Cold Theroreceptors of the Cat Eye. *The Jour. of Comp. Neurol.* 441: 148-154

Heppelmann, B., Pawlak, M., Just, S., **Schmidt, R.F.**: Cortical projektion of the rat knee joint innervation andits processingin the somatosensory areas SI and SII. *Exp. Brain Res.* 141: 567-572

Schmidt, R.F., Thews, G. (Herausgeber und Mitautoren): *Physiologie des Menschen*, 28. Auflage, Heidelberg: Springer Verlag, pp 1-891

Peña de la, E., Pecson, B., **Schmidt, R.F.**, Belmonte C., Viana, F.: Senales de calcio actividas por estiramiento de la membrana en neuronas sensoriales primarias de raton en cultivo. *Revista de Neurologia* 30:P-3.2

Meßlinger, K., Suzuki, A., Pawlak, M., Zehnter, A., **Schmidt, R.F.**: Involvement of nitric oxide in the modulation of dural artrial blood flow in the rat. *Brit. Journ. of Pharmac.* 129:000-000

Fölsch, U.R., Kochsiek, K., **Schmidt, R.F.**: *Pathophysiologie*. Heidelberg: Springer Verlag, pp 1-581

Peña de la, E., Sala, S. **Schmidt, R.F.**, Belmonte, C.: Effects of elastoviscous solutions of hylans (hyaluronan derivates). *Europ. Journ. Neurosc.* 12:Suppl. 11 N 010.16