

## X Liste eigener Publikationen

### I. Veröffentlichte Artikel, in chronologischer Reihenfolge

**Maier N**, Güldenagel M, Söhl G, Siegmund H, Willecke K & Draguhn A (2002). Reduction of high-frequency network oscillations (ripples) and pathological network discharges in hippocampal slices from connexin 36-deficient mice. *Journal of Physiology (London)* 541(2): 521-528.

**Maier N**, Nimmrich V & Draguhn A (2003). Cellular and network mechanisms underlying spontaneous sharp wave-ripple complexes in mouse hippocampal slices. *Journal of Physiology (London)* 550(3): 873-887.

Maier R, Greter SE & **Maier N** (2004). Effects of pulsed electromagnetic fields on cognitive processes - a pilot study on pulsed field interference with cognitive regeneration. *Acta Neurologica Scandinavica* 110(1): 46-52.

Nimmrich V\*, **Maier N\***, Schmitz D & Draguhn A (2005). Induced sharp wave-ripple complexes in the absence of synaptic inhibition in mouse hippocampal slices. *Journal of Physiology (London)*. 563(3): 663-670.

(\* geteilte Erstautorenschaft)

### II. Eingereichte Artikel.

Wozny C, **Maier N**, Schmitz D & Behr J. NMDA-dependent target-specific long-term potentiation at the CA1-subiculum synapse. Eingereicht bei *Neuron*.

### III. Zitierfähige Abstracts.

Draguhn A, Nimmrich V & **Maier N** (2002). Fast (~200 Hz) field potential oscillations in the rodent hippocampus *in vitro*: cellular and network mechanisms. *Journal of Physiology (London)* **544P**, S263

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