

## Publikationen PD Dr. Thomas Krüppel

**Trielli, F., Cervia, D., Di Giuseppe, G., Ristori, C., Krüppel, T., Burlando, B., Guella, G., Viarengo, A., Bagnoli, P., Delmonte Corrado, M. U. et al.** (2008). Action mechanisms of the secondary metabolite euplotin C: signaling and functional role in *Euplotes*. *J Eukaryot Microbiol* **55**, 365-373.

**Fronzoni, L., Krüppel, T., Lueken, W., Nieri, L. and Ricci, N.** (2000). A statistical study of the dynamics of the voltage membrane in protozoa *Euplotes vannus*. *Chaos, Solitons and Fractals* **11**, 1917-1922.

**Burlando, B., Marchi, B., Krüppel, T., Orunesu, M. and Viarengo, A.** (1999). Occurrence of  $\text{Na}^+$ - $\text{Ca}^{2+}$  exchange in the ciliate *Euplotes crassus* and its role in  $\text{Ca}^{2+}$  homeostasis. *Cell Calcium* **25**, 153-160.

**Stock, C., Krüppel, T., Key, G. and Lueken, W.** (1999). Sexual behaviour in *Euplotes raikovi* is accompanied by pheromone-induced modifications of ionic currents. *J Exp Biol* **202**, 475-483.

**Stock, C., Krüppel, T., Lueken, W. and Key, G.** (1998) Congruence of electrical properties in two Antarctic and two middle-latitude marine species of *Euplotes* (Ciliata, Hypotrichida). *Polar Biology* **20**, 127-133.

**Stock, C., Krüppel, T. and Lueken, W.** (1997) Kinesis in *Euplotes vannus*-Ethological and Electrophysiological Characteristics of Chemosensory Behavior

**Lueken, W., Ricci, N. and Krüppel, T.** (1996) Rhythmic spontaneous depolarizations determine a slow-and-fast rhythm in walking of the marine hypotrich *Euplotes vannus*. *Europ. J Protistol* **32**, 47-54

**Krüppel, T. and Wissing, F.** (1996). Characterisation of the voltage-activated calcium current in the marine ciliate *Euplotes vannus*. *Cell Calcium* **19**, 229-241.

**Krüppel, T., Rabe, H., Dümmler, B. and Lueken, W.** (1995). The depolarizing mechanoreceptor potential and Ca/Mg receptor-current of the marine ciliate *Euplotes vannus*. *J Comp Physiol A* **177**, 511-517

**Clasen, T., Jeserich, G. and Krüppel, T.** (1995). Glutamate-Activated Ionic Currents in Cultured Astrocytes From Trout: Evidence for the Occurrence of Non-N-Methyl-D-Aspartate Receptors. *Journal of Neuroscience Research* **40**, 632-640

**Glassmeier, G., Jeserich, G. and Krüppel, T.** (1994). Voltage-dependent sodium and potassium currents in cultured trout astrocytes. *Glia* **11**, 254-254.

**Krüppel, T.** (1993). Inward rectification by hyperpolarization-activated Na current in the marine ciliate *Euplotes vannus*. *J Membr Biol* **133**, 263-270.

**Krüppel, T., Furchbrich, V. and Lueken, W.** (1993). Electrical responses of the marine ciliate *Euplotes vannus* (hypotrichia) to mechanical stimulation at the posterior cell end. *J Membr Biol* **135**, 253-260.

**Glassmeier, G., Jeserich, G. and Krüppel, T.** (1992). Voltage-dependent potassium currents in cultured trout oligodendrocytes. *J Neuroscience Research* **32**, 301-308

**Krüppel, T., Westermann, R. and Lueken, W.** (1991). Calcium-dependent transient potassium outward current in the marine ciliate *Euplotes vannus*. *Biochim Biophys Acta* **1062**, 193-198.

**Westermann, R., Krüppel, T. and Lueken, W.** (1990). Contribution of fast and slow potassium outward currents to repolarization of the action potential in *Euplotes vannus*. *Acta Protozoologica* **29**, 305-313.

**Lueken, W., Uhlig, G. and Krüppel, T.** (1989). Soluble poison of *Pseudokeronopsis rubra* affects inward current in *Euplotes vannus*. *J Euk Microbiol* **36**, 350-353.

**Krüppel, T. and Lueken, W.** (1990). Calcium-dependent sodium current in the marine ciliate *Euplotes vannus*. *J Membr Biol* **116**, 79-86.

**Krüppel, T. and Lueken, W.** (1988). Membrane excitability and membrane currents in the marine ciliate *Euplotes vannus*. *Eur J Protistol* **24**, 11-21.

**Lueken, W., Krüppel, T. and Gaertner, M.** (1987). Effects of raised  $[K^+]_o$  and  $[Ca^{2+}]_o$  on conjugation and on electrophysiological parameters in the marine ciliate *Euplotes vannus*. *J Exp Biol* **130**, 193-202.