Prof. Dr. Josef Dudel: Neuere Publikationen

Neurowissenschaft, Hrsg. J. Dudel, R. Menzel and R.F.Schmidt, Berlin, Heidelberg, Springer-Verlag (2001) 2. Aufl,

Dudel, J., Schramm, M.: A receptor for presynaptic glutamatergic autoinhibition is a glutamate transporter. Europ. J. Neurosci. (2003) 18, 902-10

Dudel, J.: Both D- and L-glutamate induce transporter-mediated postsynaptic autoinhibition of transmitter release. Europ. J. Neurosci. (2004) 20, 161-166

Hallermann, S., Heckmann, S., Dudel, J., Heckmann, M.: Short openings in high resolution single channel recordings of mouse nicotinic receptors. J. Physiol. (Lond.) (2005) 563, 645-662.

Dudel, J., Glutamatergic autoinhibition of quantal release augments the early phase of releases after a depolarisation pulse. Europ. J. Neurosci. (2006) 23, 2695-2700.

Dudel, J., The time course of transmitter release in mouse motor nerve terminals is differentially affected by activation of muscarinic M1 or M2 recceptors. Europ. J. Neurosci. (2007) 26, 2160-2168.

Dudel, J., Depolarisation amplitude and Ca^{2+}-inflow control the time course of quantal releases at murine motor nerve terminals. Europ. J. of Neurosci. (2009) 30, 1219-1226.

Stock P., Ljaschenko D., Heckmann M., Dudel J.(2014) Agonists binding nicotinic receptors elicit specific channel-opening patterns at αγ and αδ sites. J. Physiol (Lond) 592, 2501-2517.

Dudel J. (2014) α-Conotoxin M1 (CRx) blocks αδ binding sites of adult nicotinic receptors while ACh binding at αeta sites elicits only small and short qquantal synaptic currents. Physiol Rep. 2, e12188.