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TRPC3 IN THE CEREBELLUM – FROM SYNAPTIC FUNCTION TO BEHAVIOR

GUEST LECTURE by

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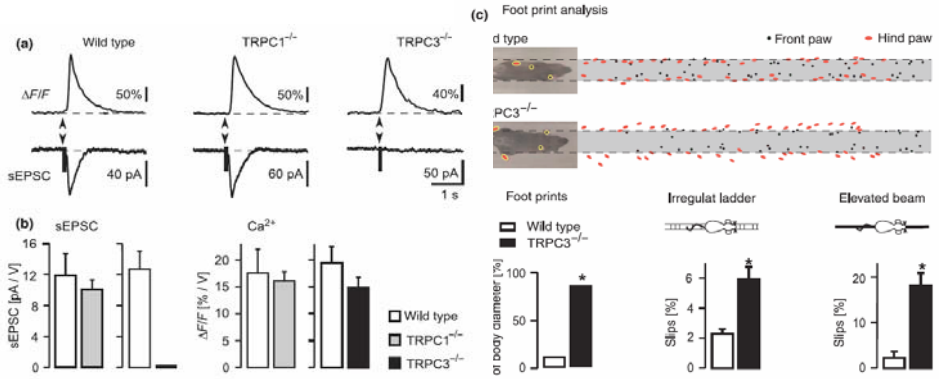
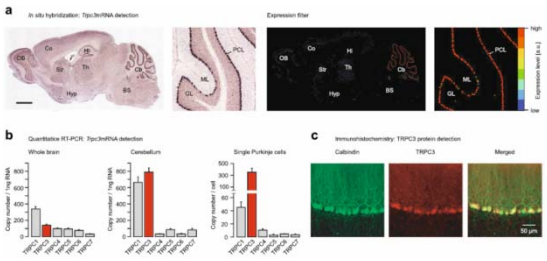
Institute of Neuroscience,
Technical University of Munich, Germany

Friday, 08.07.2016
11:00

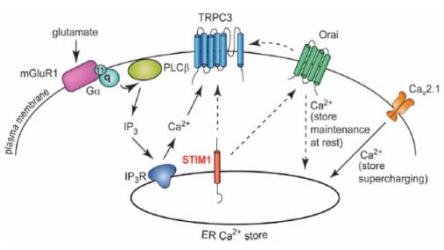
SR 07.11, Preclinics, MUG
(Harrachgasse 21, 1st floor)



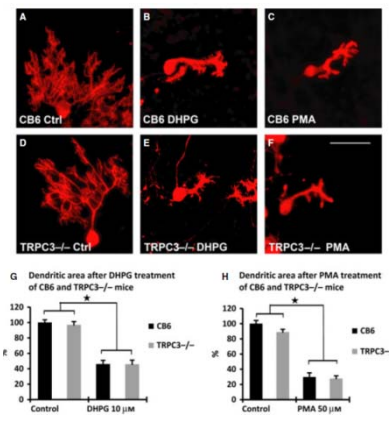
Mechanisms of metabotropic glutamate receptor-mediated electrical signalling. Hartmann & Konnerth (2009) Acta Physiol 195: 79-90



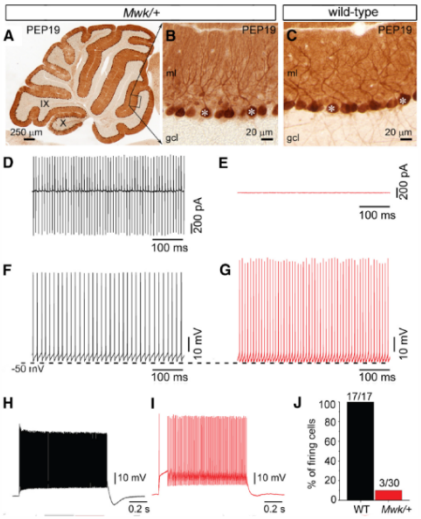
Expression of *Trpc3* in the mouse brain. Hartmann & Konnerth (2015) J Mol Med 93:983-9



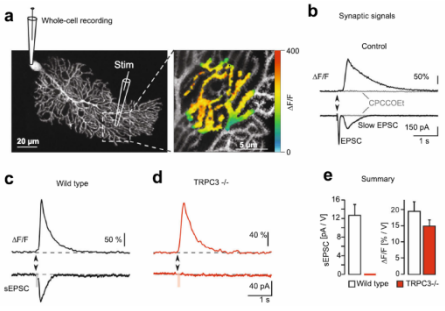
Schematic representation of the actions of STIM1 in cerebellar Purkinje neurons. Hartmann et al. (2014) Neuron 82:635-44



Staining for calbindin D-28K shows Purkinje cells. Gugger et al. (2012) Eur J Neurosci 35:20-33



Electrophysiological changes precede morphological changes in PCs of moonwalker mice. Sekerova et al. (2013) J Neurosci 33(50):19689-94



Synaptic mGluR1-mediated Purkinje cell signaling in the absence of TRPC3. Hartmann & Konnerth (2015) J Mol Med 93:983-9