

A novel method for monitoring surface membrane trafficking on hippocampal acute slice preparation

Thomas-Crusells, J.; Vieira, A.; **Saarma, Mart**; Rivera, Claudio Journal of neuroscience methods 2003 / 1/2, p. 159-166
<https://www.sciencedirect.com/science/article/pii/S0165027003000505>

BDNF-induced TrkB activation down-regulates the K⁺-Cl⁻ cotransporter KCC2 and impairs neuronal Cl⁻ extrusion

Rivera, Claudio; **Saarma, Mart** Journal of cell biology 2002 / 5, p. 747-752 <https://portal.research.lu.se/en/publications/bdnf-induced-trkb-activation-down-regulates-the-k-cl-cotransporte>

B-plexins control microtubule dynamics and dendrite morphology of hippocampal neurons

Laht, Piret; Otsus, Maarja; Remm, Jaanus; **Veske, Andres** Experimental cell research 2014 / p. 174-184 : ill
<https://doi.org/10.1016/j.yexcr.2014.06.005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Corticosterone actions on the hippocampal brain-derived neurotrophic factor expression are mediated by exon IV promoter

Hansson, Anita C.; Sommer, Wolfgang; **Metsis, Madis**; Stromberg, Ingrid; Agnati, Luigi Francesco; Fuxe, Kjell Journal of neuroendocrinology 2006 / 2, p. 104-114 <http://dx.doi.org/10.1111/j.1365-2826.2005.01390.x>

Differential regulation of the BDNF gene in cortical and hippocampal neurons

Esvald, Eli-Eelika; Tuvikene, Jürgen; **Moistus, Andra**; Rannaste, Käthy; **Kõomägi, Susann**; **Timmusk, Tõnis** Journal of neuroscience 2022 / p. 9110-9128 <https://doi.org/10.1523/JNEUROSCI.2535-21.2022> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Magnetic resonance imaging study of induced epileptogenesis in animal models of epilepsy

Nairismägi, Jaak 2006 https://www.ester.ee/record=b4369104*est

NF-κB-dependent regulation of brain-derived neurotrophic factor in hippocampal neurons by X-linked inhibitor of apoptosis protein

Kairisalo, Minna; Korhonen, Laura; **Sepp, Mari**; **Pruunsild, Priit**; Kukkonen, Jyrki; Kivinen, Jenni; **Timmusk, Tõnis**; Blomgren, Klas; Lindholm, Dan European journal of neuroscience 2009 / 6, p. 958-966 : ill <https://pubmed.ncbi.nlm.nih.gov/19735291/>

Synaptogenesis upregulates KCC2 expression in cultured hippocampal neurons

Ludwig, Anastasia; **Saarma, Mart**; Kaila, Kai; Rivera, Claudio The 3rd Forum of European Neuroscience 2002 / p. 078.13

An upstream enhancer and MEF2 transcription factors fine-tune the regulation of the Bdnf gene in cortical and hippocampal neurons

Avarlaid, Annela; **Falkenberg, Kaisa**; **Lehe, Karin**; Mudo, Giuseppa; Belluardo, Natale; Di Liberto, Valentina; Frinchi, Monica; **Tuvikene, Jürgen**; **Timmusk, Tõnis** Journal of biological chemistry 2024 / art. 107411, 12 p. : ill
<https://doi.org/10.1016/j.jbc.2024.107411>