

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

Developmental up-regulation of KCC2 in the absence of GABAergic and glutamatergic transmission

Ludwig, Anastasia; Li, Hong; Saarma, Mart; Kaila, Kai; Rivera, Claudio The European journal of neuroscience 2003 / 12, p. 3199-3206 : ill

Distribution of GABA receptor subunit transcripts in the rat brain

Wegelius, K.; Pasternack, M.; Hiltunen, J.O.; Rivera, Claudio; Kaila, Kai; **Saarma, Mart**; Reeben, M. European journal of neuroscience 1998 / p. 350-357

Mechanism of activity-dependent downregulation of the neuron-specific K-Cl cotransporter KCC2

Rivera, Claudio; Voipio, Juha; **Saarma, Mart** Journal of neuroscience 2004 / 19, p. 4683-4691

A novel N-terminal isoform of the neuron-specific K-Cl cotransporter KCC2

Uvarov, Pavel; Ludwig, Anastasia; Markkanen, Marika; **Pruunsild, Priit**; Kaila, Kai; Delpire, Eric; **Timmusk, Tõnis**; Rivera, Claudio; Airaksinen, Matti S. Journal of biological chemistry 2007 / 42, p. 30570-30576

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

The K⁺/Cl⁻ co-transporter KCC2 renders GABA hyperpolarizing during neuronal maturation

Rivera, Claudio; Voipio, Juha; Payne, John A.; Ruusuvuori, Eva; Lahtinen, Hannele; Lamsa, Karri; Pivola, Ulla; **Saarma, Mart**; Kaila, Kai Nature 1999 / p. 251-255: ill