

生理学 (生体情報)

【原著論文】

- 1) Fukushima T, Ohtsubo T, Tsuda M, Yanagawa Y, Hori Y: Facilitatory actions of serotonin type 3 receptors on GABAergic inhibitory synaptic transmission in the spinal superficial dorsal horn. *J Neurophysiol* 102(3): 1459-1471, 2009.
- 2) Watt AJ, Cuntz H, Mori M, Nusser Z, Sjöström PJ, Häusser M: Traveling waves in developing cerebellar cortex mediated by asymmetrical Purkinje cell connectivity. *Nat Neurosci* 12(4): 463-473, 2009.

【学会・研究会発表】

- 1) Fukushima T, Ohtsubo T, Tsuda M, Yanagawa Y, Hori Y: Activation of serotonin type-3 receptors facilitates GABAergic inhibitory synaptic transmission in the spinal dorsal horn. 36th International Congress of Physiological Science in conjunction with 86th Annual Meeting of the Physiological Society of Japan, Kyoto, 2009-7-31.
- 2) Mori M, Hori Y: Electrical coupling between motor neurons in spinal cord. 36th International Congress of Physiological Science in conjunction with 86th Annual Meeting of the Physiological Society of Japan, Kyoto, 2009-7-31.
- 3) Tsuzuki H, Tanaka S, Maekawa M, Hori Y: Behavioral characteristics and the expression of NMDA receptor subunit in the serine racemase knockout mice. 36th International Congress of Physiological Science in conjunction with 86th Annual Meeting of the Physiological Society of Japan, Kyoto, 2009-8-1.
- 4) Fukushima T, Kofuji T, Hori Y: Characterization of enkephalin-containing neurons in the spinal dorsal horn visualized in BAC transgenic mice. 19th Neuropharmacology Conference - Neuropeptide, Chicago, 2009-10-14.
- 5) Fukushima T, Tomitori H, Terashima T, Yamaguchi S, Hori Y: Possible involvement of syntaxin 1A downregulation in peripheral nerve injury-induced allodynia. 2009 Neuroscience Meeting, Chicago, 2009-10-19.