

生理学講座病態生理学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
佐原 資謹	生理学講座病態生理学分野	教授	博士（歯学）	機能系基礎歯科学、生理学、脳神経科学	<p>①Ishikawa T, Sahara Y, Takahashi T: A single packet of transmitter does not saturate postsynaptic glutamate receptors. <i>Neuron</i>, 34: 613-621 (2002).</p> <p>②Sahara Y, Takahashi T: Quantal components of the excitatory postsynaptic currents at a rat central auditory synapse. <i>J. Physiol.</i>, 536: 189-197 (2001).</p> <p>③Sahara Y, Gotoh M, Konno K, Miwa A, Tsubokawa H, Robinson H P C, Kawai N: A new class of neurotoxin from wasp venom slows inactivation of sodium current. <i>Eur. J. Neurosci.</i>, 12: 1961-1970 (2000).</p> <p>④Sahara Y, Noro N, Iida Y, Soma M, Nakamura Y: Glutamate receptor subunit GluR5 and KA-2 are coexpressed in rat trigeminal ganglion neurons. <i>J. Neurosci.</i>, 17: 6611-6620 (1997).</p> <p>⑤Sahara Y, Westbrook GL: Modulation of calcium currents by a metabotropic glutamate receptor involves fast and slow kinetic components in cultured hippocampal neurons. <i>J. Neurosci.</i>, 13: 3041-3050 (1993).</p>
成田 欣弥	生理学講座病態生理学分野	講師	博士（理学）	機能系基礎歯科学、感覚生理学	<p>①成田欣弥, 北田泰之 カエル味覚器における苦味受容細胞から味神経への情報伝達：舌咽神経単一神経線維応答からの解析 日本味と匂学会誌 15, 415-418 (2008)</p> <p>②Ueno Y., Ohba H., Yamazaki H., Tokunaga F., Narita K. and Hariyama T. Seasonal variation of chromophore composition in the eye of the Japanese dace, <i>Tribolodon hakonensis</i>. <i>J. Comp. Physiol. A</i>. 5, 1-6 (2005)</p> <p>③Narita K., Suzuki T., Ohtsu K., Seidou M., Kito Y. and Tsukahara Y. Structural and functional differences of two forms of GTP-binding protein, Gq, in the cephalopod retina. <i>Comp. Biochem. and Physiol. B</i>, 123, 319-327 (1999)</p> <p>④成田欣弥, 鈴木龍夫 光受容の細胞内情報伝達メカニズム -脊椎動物と無脊椎動物実験医学増刊 脳科学の最前線, 108-113 (1997)</p> <p>⑤鬼頭勇次, 清道正嗣, 成田欣弥, 道之前允直 ホタルイカにとっての”三原色” 日経サイエンス, Vol.22, No.1, 30-41 (1992)</p>
深見 秀之	生理学講座病態生理学分野	助教	博士（歯学）	機能系基礎歯科学、感覚生理学	<p>①Okuda-Akabane K., Fukami H. and Kitada Y. Mechanism of enhancement of the responses of the frog glossopharyngeal nerve to electrolytes by enhancers. <i>Chemical Senses</i> 33, 523-530 (2008)</p> <p>②Suwabe T, Fukami H, and Bradley RM. Synaptic responses of neurons controlling the parotid and von Ebner salivary glands in rats to stimulation of the solitary nucleus and tract. <i>J Neurophysiol</i>. 99, 1267-73 (2008)</p> <p>③Fukami H and Bradley RM. Biophysical and Morphological Properties of Parasympathetic Neurons Controlling the Parotid and von Ebner Salivary Glands in Rats. <i>J Neurophysiol</i>. 93, 678-86 (2005)</p> <p>④Yoshida ,A., Fukami, H., Nagase, Y., Appenteng, K., Honma, S., Zhang LF., Bae, YC. and Shigenaga, Y. Quantitative analysis of synaptic contacts made between functionally identified oralis neurons and trigeminal motoneurons in cats. <i>J Neuroscience</i>. 21 6298-6307 (2001)</p> <p>⑤Shigenaga, Y., Hirose, Y., Yoshida, A., Fukami, H., Honma, S. and Bae, YC. Quantitative ultrastructure of physiologically identified premotoneuron terminals in the trigeminal motor nucleus in the cat. <i>J Comp Neurol</i>. 426, 13-30 (2000)</p>