

解剖学講座細胞生物学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
佐藤 洋一	解剖学講座細胞生物学分野	教授	医学博士	解剖学一般、細胞生物学	<p>①Sato Y, Nitatori T: On the fine structure of lymph hearts in amphibia and reptiles. Sato Y, Nitatori T. In: Hearts and Heart-like organs. Vol. 1. ed. by Bourne GH Academic Press (1980)</p> <p>②Sato Y: Effect of live and heat-killed bacteria on the secretory activity of Paneth cells in germ-free mice. Cell Tissue Res 251:87-93 (1988)</p> <p>③Sato Y, Habara Y, Ono K, Kanno T: Carbamylcholine-and catecholamine-induced intracellular calcium dynamics of epithelial cells in mouse ileal crypts. Gastroenterology 108:1345-1356 (1995)</p> <p>④Russa AD, Ishikita N, Masu K, Akutsu H, Saino T, Sato Y: Microtubule remodeling mediates the inhibition of store-operated calcium entry during mitosis in COS-7 cells. Arch Histol Cytol 71:249-263 (2008)</p> <p>⑤Miura H, Saino T, Sato, M, Sato Y: The role of protease activated receptors in the intracellular calcium dynamics of neurons and satellite cells in the rat superior cervical ganglia. Bioimages 19: 17-27 (2011)</p>
齋野 朝幸	解剖学講座細胞生物学分野	准教授	博士 (医学)	細胞生物学、解剖学一般	<p>①Saino T, Matsuura M, Sato Y: Application of real-time confocal microscopy to intracellular calcium ion dynamics in rat arterioles. Histochem. Cell Biol. 117:295- 305 (2002)</p> <p>②Saino, T., Matsuura, M. and Sato, Y. : Comparison of the effect of ATP on intracellular calcium ion dynamics between rat testicular and cerebral arteriole smooth muscle cells. Cell Calcium 32:155-165 (2002)</p> <p>③Saino T, Sato Y : Application of real-time confocal laser scanning microscopy to observe living cells in tissue specimens. J Electron Microsc 33: 49-56 (2004)</p> <p>④Saino T, Misaki T, Matsuura M, Shikanai T, Sato Y: Dipyridamole inhibits intracellular calcium transients in isolated rat arteriole smooth muscle cells. Arch Histol Cytol 71: 235-247 (2008)</p> <p>⑤Kamada Y, Saino T, Oikawa M, Kurosaka D, Sato Y: P2Y purinoceptors induce intracellular calcium dynamics of acinar cells in rat lacrimal glands. Histochem Cell Biol 137:97-106. (2012)</p>
小野寺 悟	解剖学講座細胞生物学分野	特任講師	医学博士	神経解剖学、解剖学一般	<p>①Onodera S, Hicks TP: Projections from substantia nigra and zona incerta to the cat's nucleus of Darkschewitsch. J Comp Neurol 396:461-82 (1998)</p> <p>②Onodera S, Nitatori T, Hicks TP: Olivary projection from the rostral part of the nucleus of Darkschewitsch in the postnatal rat as revealed through the use of a carbocyanine dye. Brain Res. 1015:194-7 (2004)</p> <p>③Onodera S, Hicks TP: A comparative neuroanatomical study of the red nucleus of the cat, macaque and human. PLoS One. 13; e6623 (2009)</p> <p>④Onodera S, Hicks TP: Carbocyanine dye usage in demarcating boundaries of the aged human red nucleus. PLoS One. 5:e14430 (2010)</p>

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中野 真人	解剖学講座細胞生物学分野	助教	博士（医学）	神経解剖学、 解剖学一般	①Nakano M, Atobe Y, Goris RC, Yazama F, Ono M, Sawada H, Kadota T, Funakoshi K, Kishida R: Ultrastructure of the capillary pericytes and the expression of smooth muscle alpha-actin and desmin in the snake infrared sensory organs. Anat Rec 260(3):299-307 (2000) ②Nakano M, Kishida R, Funakoshi K, Tsukagoshi M, Goris RC, Kadota T, Atobe Y, Hisajima T: Central projections of thoracic splanchnic and somatic nerves and the location of sympathetic preganglionic neurons in Xenopus laevis. J Comp Neurol 456(4):321-37 (2003). ③Funakoshi K, Nakano M: The sympathetic nervous system of anamniotes. Brain Behav Evol 69(2):105-13 (2007) ④Nakano M, Goris RC, Atobe Y, Kadota T, Funakoshi K: Mediolateral and rostrocaudal topographic organization of the sympathetic preganglionic cell pool in the spinal cord of Xenopus laevis. J Comp Neurol 513:292-314 (2009)
柘 一毅	解剖学講座細胞生物学分野	助教	博士（医学）	細胞生物学、 解剖学一般	①Masu K, Saino T, Kuroda T, Matsuura M, Russa AD, Ishikita N, Satoh Y: Regional differences in 5-HT receptors in cerebral and testicular arterioles of the rat as revealed by Ca2+ imaging of real-time confocal microscopy: variances by artery size and organ specificity. Arch Histol Cytol 71:291-302 (2008) ②Misaki T, Satoh Y, Saino T, Kuroda T, Masu K, Russa D, Ogawa K: Immunohistochemical localization of protease-activated receptors in cerebral and testicular arterioles of rats: dependence on arteriole size and organ-specificity. Arch Histol Cytol 71/3, 179-184 (2008) ③Masu K, Beppu T, Fujiwara S, Kizawa H, Kashimura H, Kurose A, Ogasawara K, Sasaki M: Proton magnetic resonance spectroscopy and diffusion-weighted imaging of tumefactive demyelinating plaque. Neurol Med Chir (Tokyo) 49:430-3 (2009)
山内（阿久津）仁美	解剖学講座細胞生物学分野	助教	博士（農学）	神経科学、組 織学	①Yan J, Akutsu H, Satoh Y: The morphological and functional observation of the gap junction proteins in the oviduct epithelia in young and adult hamsters. Okajima Folia 88 (2):57-64 (2011) ②阿久津仁美, 人見次郎, 佐藤洋一: 尿が誘発する鋤鼻感覚細胞内Ca2+上昇パターンの多様性, 第115回日本解剖学会・全国学術集会, 岩手 (2010) ③佐藤洋一, 齋野朝幸, 阿久津仁美: カルシウムイメージング技術の基礎, 細胞組織化学2011, 175-185 (2011) ④平成18・19年度 科学研究費補助金 若手研究(B) (研究代表者: 阿久津仁美) 「課題名: 感覚細胞と標的神経細胞の相互作用解析のためのバイオイメージングシステムの開発」 (助成金額: 3,500千円) ⑤平成21・22年度 科学研究費補助金 若手研究(B) (研究代表者: 阿久津仁美) 「課題名: フェロモンシグナリングの動的機能形態学 -発情期フェロモンとその受容細胞の同定-」 (助成金額: 3,300千円)