

生理学講座器官生理学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
久保川 学	生理学講座器官生理学分野	教授	博士(医学)	細胞・分子生理学、上皮膜輸送、腎生理学	<p>①久保川学(監訳、分担翻訳):ボロン・ブールペープ生理学、泉井亮、河南洋、久保川学監訳、西村書店(2011)</p> <p>②久保川学(分担翻訳)ギャノン生理学、岡田泰伸監訳、丸善出版(2011)</p> <p>③Komagiri Y., Nakamura K., and Kubokawa M.:A nicardipine-sensitive Ca<sup>2+</sup> entry contributes to the hypotonicity-induced increase in [Ca<sup>2+</sup>]<sub>i</sub> of principal cells in rat cortical collecting duct/ Cell Calcium 49: 5-42 (2011).</p> <p>④Nakamura K., Komagiri Y., Kojo T., and Kubokawa M.:Delayed and acute effects of interferon-<math>\gamma</math> on activity of an inwardly rectifying K<sup>+</sup> channel in cultured human proximal tubule cells. Am. J. Physiol. Renal Physiol. 296: F46 - F53 (2009)</p> <p>⑤科学研究費補助金、基盤研究(C)「二重還流モデル腎集合管細胞を用いたイオンチャネル発現の分子制御機構」(2011年)</p>
中村 一芳	生理学講座器官生理学分野	講師	博士(医学)	腎・体液生理、細胞・分子生理	<p>①Nakamura K, Komagiri Y, Kubokawa M: Effects of cytokines on potassium channels in renal tubular epithelia / Clin. Exp. Nephrol. 16: 55-60 (2012)</p> <p>②Nakamura K, Komagiri Y, Kojo T, Kubokawa M: Delayed and acute effects of interferon-<math>\gamma</math> on activity of an inwardly rectifying K<sup>+</sup> channel in cultured human proximal tubule cells / Am. J. Physiol. 296: F46-F53 (2009)</p> <p>③Kubokawa M, Kojo T, Komagiri Y, Nakamura K: Role of calcineurin-mediated dephosphorylation in modulation of an inwardly rectifying K<sup>+</sup> channel in human proximal tubule cells / J. Membr. Biol. 231: 79-92 (2009)</p> <p>④Nakamura K, Habano W, Kojo T, Komagiri Y, Kubota T, Kubokawa M: Involvement of endogenous nitric oxide in the regulation of K<sup>+</sup> channel activity in cultured human proximal tubule cells / J. Physiol. Sci. 56: 407-413 (2006)</p> <p>⑤Nakamura K, Hirano J, Kubokawa M: Regulation of an inwardly rectifying K<sup>+</sup> channel by nitric oxide in cultured human proximal tubule cells / Am. J. Physiol. 287: F411-F417 (2004)</p>
駒切 洋	生理学講座器官生理学分野	助教	学士(獣医学)	細胞生理学、電気生理学	<p>①Komagiri Y, Nakamura K, Kubokawa M. :A nicardipine-sensitive Ca<sup>2+</sup> entry contributes to the hypotonicity-induced increase in [Ca<sup>2+</sup>]<sub>i</sub> of principal cells in rat cortical collecting duct. / Cell Calcium. 49:35-42 (2011)</p> <p>②Komagiri Y and Kitamura N. Comparison of effects of PKA catalytic subunit on I<sub>h</sub> and calcium channel currents in rat dorsal root ganglion cells. /Biomed Res, 28, 177-89 (2007)</p> <p>③Komagiri Y and Kitamura N. Effect of intracellular dialysis of ATP on the hyperpolarization-activated cation current in rat dorsal root ganglion neurons. /J Neurophysiol, 90, 2115-22 (2003)</p> <p>④Komagiri Y, Kojo T, Nakamura K, Kubokawa M. A Ca<sup>2+</sup> entry pathway for the hypotonicity-induced elevation in [Ca<sup>2+</sup>]<sub>i</sub> of principal cells in isolated rat kidney CCDs. /第36回国際生理学会世界大会 (IUPS 2009) 2009.7.31 京都</p> <p>⑤科学研究費補助金(若手B)「課題名:腎皮質集合管における細胞容積調節に寄与する陰イオンチャネルの分子同定」2009-2010</p>