

神経科学講座

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
駒野 宏人	神経科学講座	教授	博士(薬学)	神経科学、生化学	<p>Maeda, T., Marutani, T., Zou, K., Araki, W., Tanabe, C., Yagishita, N., Yamano, Y., Amano, T., Michikawa, M., Nakajima, T. &amp; Komano, H. (2009) An E3 ubiquitin ligase, Synoviolin is involved in the degradation of immature Nicastrin, and regulates the production of amyloid B-protein. FEBS J 276, 5832-5840.</p> <p>Zou, K., Maeda, T., Watanabe, A., Liu, J., Liu, S., Oba, R., Satoh, Y. I., Komano, H. &amp; Michikawa, M. (2009) Abeta42-to-Abeta40- and angiotensin-converting activities in different domains of angiotensin-converting enzyme. J Biol Chem 284, 31914- 31920.</p> <p>Marutani, T., Maeda, T., Tanabe, C., Zou, K., Kokame, K., Michikawa, M., . &amp; Komano, H. (2011) ER-stress-inducible protein, Herp, facilitate the degradation of <math>\gamma</math>-secretase cofactors. Biochim Biophys Acta. 1810, 790-798.</p> <p>Tanabe, C., Maeda, T., Zou, K., Liu, J., Liu, S., Nakajima, T., &amp; Komano, H. (2012) The ubiquitin ligase synoviolin up-regulates amyloid production by targeting a negative regulator of <math>\gamma</math>-secretase, Rer1, for degradation. J Biol Chem 287, 44203-44211</p> <p>Zou, K., Liu, J., Watanabe A., Liu, A., Hiraga, S., Matsumoto, Y., Miura1, Y., Tanabe, C., Maeda, T., Terayama, Y., Takahashi, S., Michikawa, M., Komano, H. (2013) A <math>\beta</math>43 is the earliest depositing A species in APP transgenic mouse brain and is converted to A <math>\beta</math>41 by two active domains of ACE. Am. J. Pathol 182, 2322-2331.</p>
前田 智司	神経科学講座	准教授	博士(薬学)	医療系薬学、生物系薬学	<p>Maeda, T., Irokawa, M., Kuraoka, E., Nozawa, T., Tateoka, R., Itoh, Y. &amp; Tamai, I. (2010) Uptake transporter organic anion transporting polypeptide 1B3 contributes to the growth of estrogen-dependent breast cancer. J Steroid Biochem Mol Biol 122, 180-185.</p> <p>Marutani, T., Maeda, T., Tanabe, C., Zou, K., Kokame, K., Michikawa, M., &amp; Komano, H. (2011) ER-stress-inducible protein, Herp, facilitate the degradation of <math>\gamma</math>-secretase cofactors. Biochim Biophys Acta. 1810, 790-798.</p> <p>Tanabe, C., Maeda, T., Zou, K., Liu, J., Liu, S., Nakajima, T., &amp; Komano, H. (2012) The ubiquitin ligase synoviolin up-regulates amyloid production by targeting a negative regulator of <math>\gamma</math>-secretase, Rer1, for degradation. J Biol Chem 287, 44203-44211</p> <p>Zou, K., Liu, J., Watanabe A., Liu, A., Hiraga, S., Matsumoto, Y., Miura1, Y., Tanabe, C., Maeda, T., Terayama, Y., Takahashi, S., Michikawa, M., Komano, H. (2013) A <math>\beta</math>43 is the earliest depositing A species in APP transgenic mouse brain and is converted to A <math>\beta</math>41 by two active domains of ACE. Am. J. Pathol 182, 2322-2331</p> <p>文部科学省科学研究費補助金 基盤研究(C)「カルシウム放出機構調節に焦点をあてた小胞体ストレス誘導分子Herpの機能解析」2014-2016年度</p>

神経科学講座

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
鄒 鷗	神経科学講座	特任講師	博士(医学)	神経科学、生化学	<p>Zou K., Yamaguchi H., Akatsu H., Sakamoto T., Ko M., Mizoguchi K, Gong J.S., Yu W., Yamamoto T., Kosaka K., Yanagisawa K. &amp; Michikawa M. (2007) Angiotensin-converting enzyme converts A 1-42 to A 1-40 and its inhibition enhances brain A deposition. J Neurosci 27, 8628-8635.</p> <p>Zou K., Hosono T., Nakamura T., Shiraishi H., Maeda T., Komano H., Yanagisawa K., &amp; Michikawa M. (2008) Novel role of presenilins in maturation and transport of integrin beta1. Biochemistry 47, 3370-3378.</p> <p>Zou K., Maeda T., Watanabe A., Liu J., Liu S., Oba R., Satoh Y., Komano H., Michikawa M. (2009) A 42-to-A 40- and angiotensin-converting activities in different domains of angiotensin-converting enzyme. J Biol Chem 284, 31914-31920.</p> <p>Zou K., Michikawa M. &amp; Komano H. (2010) Novel Abeta-converting activity of angiotensin-converting enzyme and its role in Alzheimer's disease. Seikagaku 82, 1120-1124.</p> <p>Zou, K., Liu, J., Watanabe A., Liu, A., Hiraga, S., Matsumoto, Y., Miura1, Y., Tanabe, C., Maeda, T., Terayama, Y., Takahashi, S., Michikawa, M., Komano, H. (2013) A 43 is the earliest depositing A species in APP transgenic mouse brain and is converted to A 41 by two active domains of ACE. Am. J. Pathol 182, 2322-2331.</p>
藤田 融	神経科学講座	助教	博士(医学)	生物系薬学、生化学	<p>Kuraishi, T., Nakagawa, Y., Nagaosa, K., Hashimoto, Y., Ishimoto, T., Moki, T., Fujita Y., Nakayama, H., Dohmae, N., Shiratsuchi, A., Yamamoto, N., Ueda, K., Yamaguchi, M., Awasaki, T., Nakanishi, Y. (2009) Pretaporter, a Drosophila protein serving as a ligand for Draper in the phagocytosis of apoptotic cells. EMBO J. 28, 3868-3878.</p> <p>Nagaosa, K., Okada, R., Nonaka, S., Takeuchi, K., Fujita, Y., Miyasaka, T., Manaka, J., Ando, I., Nakanishi, Y. (2011) Integrin -mediated phagocytosis of apoptotic cells in Drosophila embryos. J Biol Chem. 286, 25770-25777.</p> <p>Fujita, Y., Nagaosa, K., Shiratsuchi, A., Nakanishi, Y. (2012) Role of NPxY motif in Draper-mediated apoptotic cell clearance in Drosophila. Drug Discov. Ther. 6, 291-297.</p> <p>Tung, T.T., Nagaosa, K., Fujita, Y., Kita, A., Mori, H., Okada, R., Nonaka, S., Nakanishi, Y. (2013) Phosphatidylserine recognition and induction of apoptotic cell clearance by Drosophila engulfment receptor Draper. J Biochem. 5, 483-491.</p>