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	①Zou, K., Maeda, T., Watanabe, A., Liu, J., Liu, S., Oba, R., Satoh, Y. I., Komano, H. & Michikawa, M. (2009) Abeta42-to-Abeta40- and angiotensin-converting activities in different domains of angiotensin-converting enzyme. J Biol Chem 284, 31914- 31920. ②Marutani, T., Maeda, T., Tanabe, C., Zou, K., Kokame, K., Michikawa, M., . & Komano, H. (2011) ER-stress-inducible protein, Herp, facilitate the degradation of γ-secretase cofactors. Biochim Biophys Acta 1810, 790-798. ③Tanabe, C., Maeda, T., Zou, K., Liu, J., Liu, S., Nakajima, T., & Komano, H. (2012) The ubiquitin ligase synoviolin up-regulates amyloid β production by targeting a negative regulator of γ-secretase, Rer1, for degradation. J Biol Chem 287, 44203-44211 ④Zou, 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) Aβ43 is the earliest depositing Aβ species in APP transgenic mouse brain and is converted to Aβ41 by two active domains of ACE. Am J Pathol 182, 2322-2331. ⑤Liu J., Liu S., Matsumoto Y., Murakami S., Sugakawa Y., Kami A., Tanabe C., Maeda T., Michikawa M., Komano H., Zou K. (2015) Angiotensin type 1a receptor deficiency decreases amyloid β-protein generation and ameliorates brain amyloid pathology. Sci Rep 12059, doi:10.1038.
鄒　鶚	神経科学講座	特任講師	博士(医学)	神経科学、生化学	①Zou K., Yamaguchi H., Akatsu H., Sakamoto T., Ko M., Mizoguchi K, Gong J.S., Yu W., Yamamoto T., Kosaka K., Yanagisawa K. & Michikawa M. (2007) Angiotensin-converting enzyme converts Aβ1-42 to Aβ1-40 and its inhibition enhances brain Aβ deposition. J Neurosci 27, 8628-8635. ②Zou K., Hosono T., Nakamura T., Shiraishi H., Maeda T., Komano H., Yanagisawa K., & Michikawa M. (2008) Novel role of presenilins in maturation and transport of integrin beta1. Biochemistry 47, 3370-3378. ③Zou K., Maeda T., Watanabe A., Liu J., Liu S., Oba R., Satoh Y., Komano H., Michikawa M. (2009) Aβ42-to-Aβ40- and angiotensin-converting activities in different domains of angiotensin-converting enzyme. J Biol Chem 284, 31914-31920. ④Zou, 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) Aβ43 is the earliest depositing Aβ species in APP transgenic mouse brain and is converted to Aβ41 by two active domains of ACE. Am J Pathol 182, 2322-2331. ⑤Liu J., Liu S., Matsumoto Y., Murakami S., Sugakawa Y., Kami A., Tanabe C., Maeda T., Michikawa M., Komano H., Zou K. (2015) Angiotensin type 1a receptor deficiency decreases amyloid β-protein generation and ameliorates brain amyloid pathology. Sci Rep 12059, doi:10.1038.
藤田　融	神経科学講座	助教	博士（医学）	生物系薬学、生化学	①Kuraishi, 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. ②Nagaosa, K., Okada, R., Nonaka, S., Takeuchi, K., Fujita, Y., Miyasaka, T., Manaka, J., Ando, I., Nakanishi, Y.(2011) Integrin βν-mediated phagocytosis of apoptotic cells in Drosophila embryos. J Biol Chem 286, 25770-25777. ③Fujita, 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. ④Tung, 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.