

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>①Maeda, T., Marutani, T., Zou, K., Araki, W., Tanabe, C., Yagishita, N., Yamano, Y., Amano, T., Michikawa, M., Nakajima, T. & 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>②Zou, 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.</p> <p>③Marutani, 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.</p> <p>④Tanabe, 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</p> <p>⑤Zou, 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) Aβ 43 is the earliest depositing Aβ species in APP transgenic mouse brain and is converted to Aβ 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>①Maeda, T., Irokawa, M., Kuraoka, E., Nozawa, T., Tateoka, R., Itoh, Y. & 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>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.</p> <p>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</p> <p>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) Aβ 43 is the earliest depositing Aβ species in APP transgenic mouse brain and is converted to Aβ 41 by two active domains of ACE. Am. J. Pathol 182, 2322-2331</p> <p>⑤文部科学省科学研究費補助金 基盤研究 (C) 「プレセナリン複合体の成熟、分化機構を基盤とした新規アルツハイマー病治療戦略の開発」</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>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.</p> <p>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.</p> <p>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.</p> <p>④Zou K., Michikawa M. & Komano H. (2010) Novel Abeta-converting activity of angiotensin-converting enzyme and its role in Alzheimer's disease. Seikagaku 82, 1120-1124.</p> <p>⑤Zou, 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.</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>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.</p> <p>②Nagaosa, K., Okada, R., Nonaka, S., Takeuchi, K., Fujita, Y., Miyasaka, T., Manaka, J., Ando, I., Nakanishi, Y. (2011) Integrin β ν-mediated phagocytosis of apoptotic cells in Drosophila embryos. J Biol Chem. 286, 25770-25777.</p> <p>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.</p> <p>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.</p>