

生物薬学講座神経科学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
駒野 宏人	生物薬学講座神経科学分野	教授	博士(薬学)	神経科学、生化学	<p>①Zou, K., Maeda, T., Watanabe, A., Liu, J., Liu, S., Oba, R., Satoh, Y. I., Komano, H. & Michikawa, M. (2009) Aβ42-to-Aβ40- and angiotensin-converting activities in different domains of angiotensin-converting enzyme. <i>J Biol Chem</i> 284, 31914- 31920.</p> <p>②Tanabe, 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. <i>J Biol Chem</i> 287, 44203-44211</p> <p>③Zou, 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. <i>Am J Pathol</i> 182, 2322-2331.</p> <p>④Liu 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. <i>Sci Rep</i> 12059, doi:10.1038.</p> <p>⑤Fujita, Y., Maeda, T., Kamaishi, K., Saito, R., Chiba, K., Shen, X., Zou, K., and Komano, H. (2017) Expression of MEGF10 in cholinergic and glutamatergic neurons. <i>Neurosci Lett</i> 653, 25-30.</p> <p>⑥ Maeda T., Fujita Y., Fujimura C., Zou K., Liu, J., Liu, S., Kikuchi, K., Shen X., Nakajima T., Komano H. (2018) An E3 ubiquitin ligase, synoviolin, is involved in the degradation of homocysteine-inducible endoplasmic reticulum protein. <i>Biol. & Pharm. Bull.</i> 41:915-919.</p> <p>⑦Shen X., Liu J., Fujita Y., Liu, S., Kikuchi K., Maeda T., Sera K., Michikawa M., Komano K., and Zou, K. (2019) Iron treatment inhibits Aβ42 deposition in vivo and reduces Aβ42/ Aβ40 ratio. <i>Biochem. Biophys. Res. Commun.</i> in press.</p>
藤田 融	生物薬学講座神経科学分野	助教	博士(医学)	生物系薬学、生化学	<p>①Fujita, Y., Nagaosa, K., Shiratsuchi, A., Nakanishi, Y. (2012) Role of NPxY motif in Draper-mediated apoptotic cell clearance in Drosophila. <i>Drug Discov Ther</i> 6, 291-297.</p> <p>②Tung, 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. <i>J Biochem</i> 5, 483-491.</p> <p>③Maeda, T., Inagaki, M., Fujita, Y., Kimoto, T., Tanabe-Fujimura, C., Zou, K., Liu, J., Liu, S., and Komano, H. (2016) ATP increases the migration of microglia across the brain endothelial cell monolayer. <i>Biosci Rep</i>, 36, e00318-e00326.</p> <p>④Maeda, T., Tanabe-Fujimura, C., Fujita, Y., Abe, C., Nanakida, Y., Zou, K., Liu, J., Liu, S., Nakajima, T., and Komano, H. (2016) NAD(P)H quinon oxidoreductase 1 inhibits the proteasomal degradation of homocysteine-induced endoplasmic reticulum protein. <i>B B R C</i>, 473, 1276-1280.</p> <p>⑤Fujita, Y., Maeda, T., Kamaishi, K., Saito, R., Chiba, K., Shen, X., Zou, K., and Komano, H. (2017) Expression of MEGF10 in cholinergic and glutamatergic neurons. <i>Neurosci Lett</i> 653, 25-30. ⑥ Maeda T., Fujita Y., Fujimura C., Zou K., Liu, J., Liu, S., Kikuchi, K., Shen X., Nakajima T., Komano H. (2018) An E3 ubiquitin ligase, synoviolin, is involved in the degradation of homocysteine-inducible endoplasmic reticulum protein. <i>Biol. & Pharm. Bull.</i> 41:915-919.</p> <p>⑦Shen X., Liu J., Fujita Y., Liu, S., Kikuchi K., Maeda T., Sera K., Michikawa M., Komano K., and Zou, K. (2019) Iron treatment inhibits Aβ42 deposition in vivo and reduces Aβ42/ Aβ40 ratio. <i>Biochem. Biophys. Res. Commun.</i> in press.</p>