

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>③Minagawa, H., Watanabe, A., Akatsu, H., Adachi, K., Ohtsuka, C., Terayama, Y., Hosono, T., Takahashi, S., Wakita, H., Jung, C.G., Komano, H. and Michikawa, M. (2010) Homocysteine, another risk factor for Alzheimer disease, impairs apolipoprotein E3 function. J Biol Chem 285, 38382-38388.</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>⑤Marutani, T., Maeda, T., Tanabe, C., Zou, K., Kokame, K., Michikawa, M., . & Komano, H. (2011) ER-stress-inducible protein, Herp, facilitate the degradation of -secretase cofactors. Biochim Biophys Acta. 1810, 790-798.</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., 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 -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>③Maeda, 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>④Marutani, T., Maeda, T., Tanabe, C., Zou, K., Kokame, K., Michikawa, M., . & Komano, H. (2011) ER-stress-inducible protein, Herp, facilitate the degradation of -secretase cofactors. Biochim Biophys Acta. 1810, 790-798.</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>
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 Aβ 1-42 to Aβ 1-40 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) Aβ 42-to-Aβ 40- 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>⑤文部科学省科学研究費補助金 若手研究(B)「ACE活性低下が引き起こす脳内神経細胞死の分子機構の解明」</p>

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氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
田邊 千晶	神経科学講座	助教	博士(学術)	神経科学、生化学	<p>①Tanabe C., Hotoda N., Sasagawa N., Sehara-Fujisawa A., Maruyama K., Ishiura S. (2007) ADAM19 is tightly associated with constitutive Alzheimer's disease APP α-secretase in A172 cells. <i>Biochem. Biophys. Res. Commun.</i> 352, 111-117.</p> <p>②*Tanabe C., *Ebina M., Asai M., Futai E., Sasagawa N., Katano K., Fukami E., Ishiura S. (2009) 1,3-Capryloyl-2-arachidonoyl glycerol activates α-secretase activity and suppresses Aβ40 secretion in A172 cells. <i>Neurosci. Lett.</i> 450, 324-326. (* equally contributed)</p> <p>③Tanabe C., Hotoda N., Sasagawa N., Futai E., Komano H., Ishiura S. (2010) ADAM19 autolysis is activated by LPS and promotes non-classical secretion of cysteine-rich protein 2. <i>Biochem. Biophys. Res. Commun.</i> 396, 927-932.</p> <p>④*Tanabe C., *Hotoda N., Futai E., Sasagawa N., Ishiura S. (2007) Constitutive α-secretase activity of Alzheimer's amyloid precursor protein by ADAM19, but not by ADAM12. <i>Proceedings of the 8th International Conference on Alzheimer's and Parkinson's Disease AD/ PD. Medimond, Italy</i>, 157-160. (* equally contributed)</p> <p>⑤文部科学省科学研究費補助金 若手研究(B) 「ERストレス応答機構ERADによるRer1分解を介したAβ産生制御機構」2011年</p>