

林 康紀 (Yasunori Hayashi)

〔原著〕

なし

〔著書・総説〕

1. Malinow R., Hayashi, Y., Maletic-Savatic M., Zaman S.H., Poncer J.-C., Shi S.-H., Esteban J.A., Osten P., Seidenman K.: Introduction of green fluorescent protein (GFP) into hippocampal neurons through viral infection. In Cold Spring Harbor Protoc. 2010 Apr;2010(4):pdb.prot5406.
2. Hayashi, Y., Okamoto, K., Bosch, M. & Futai K.: Neuronal activity-induced genes and synaptic plasticity, tagging and capture. In *Synaptic plasticity in health and disease* (ed. Kreutzer and Sala, Springer Verlag, *in the press*)
3. 林 真理子、林 康紀: Shank. 生体の科学、61:502-504 (2010).

〔国際学会〕

1. Hayashi, Y.: Sequential reorganization of synaptic components after LTP induction. Gordon Research Conferences Synaptic Transmission, 2010.07. 25-30, Biddeford, ME, USA.
2. Hayashi, Y., Karam K., Hayashi M., Matsuura K., Narayanan R., Lakhanpal G., & Okamoto K.: Regulation of structural function of CaMKII by multiple autophosphorylation sites. 7th FENS Forum of European Neuroscience, 2010.7.3-7, Amsterdam, Nederland.

〔国内学会〕

1. Hayashi M., Tang C., Verpelli C., Narayanan R., Stearns M., Xu R.-M., Li H., Sala C. & Hayashi, Y.: The postsynaptic density proteins homer and shank form a polymeric network structure. 日本神経科学会総会、2010.9.2-4、神戸、兵庫県.
2. Kim K., Okamoto K., Matsuura K. & Hayashi, Y.: Structural plasticity mediated by CaMKII. 日本神経科学会総会、2010.9.2-4、神戸、兵庫県.
3. Sato M., Kawano M., Nakai, J. & Hayashi, Y.: In vivo two-photon imaging of hippocampal circuit structure and function in mice. 日本神経科学会総会、2010.9.2-4、神戸、兵庫県.

〔招待講演・セミナー〕

1. Hayashi, Y.: Molecular Mechanisms of Hippocampal Synaptic Plasticity. National University of Singapore, 2010.4.5, Singapore.
2. 林 康紀: シナプス可塑性の分子機構. 生理学研究所周研究集会、2010.6.10-11、岡崎、愛知県.
3. Hayashi, Y.: Molecular mechanism of hippocampal synaptic plasticity. Bristol 2010 From molecules to neuronal disease, 2010.06.29-07.01, Bristol, UK.
4. Hayashi, Y.: Molecular Mechanisms of Hippocampal Synaptic Plasticity. Friedrich Miescher Institute, 2010.7.8, Basel, Switzerland.
5. Hayashi, Y.: Dynamics of actin during hippocampal synaptic plasticity. 日本生物物理学会年会シンポジウム “Actin as a Cytomotive Filament”、2010.9.20-22、仙台、宮城県.
6. Hayashi, Y.: Molecular Mechanisms of Hippocampal Synaptic Plasticity. Kick off symposium of Scientific Research on Innovative Area “Foundation of Synapse and Neurocircuit Pathology”, 2010.10.27, Tokyo, Japan.
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Cytoskeleton. University of California, Davis, 2010.11.18, California, USA.

8. 林 康紀: シナプス可塑性の分子機構. 埼玉大学理学部分子生物学科、2010.12.17、さいたま市、埼玉県.

〔その他〕

Organizing

1. Hayashi, Y.: Organizer, NIPS Meeting “Synapse: Synaptic plasticity as basis of learning and memory” (National Institute of Physiological Science) 2010.12.2-3, Okazaki, Aichi, Japan.

Public relation

1. 「世界脳週間 夏休み高校生理科教室」研究室見学 2010.8.20
2. 税務大学校 理化学研究所見学会に伴う講演会 2011.1.17