

## 文献

---

1. Yaguchi T, Nagata T, Nishizaki T . 1-Palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine improves cognitive decline by enhancing long-term depression. *Behav. Brain Res.* 204: 129-132 (2009).
  2. Matsuyama S, Matsumoto A, Enomoto T, Nishizaki T . Activation of nicotinic acetylcholine receptors induces long-term potentiation in vivo in the intact mouse dentate gyrus. *Eur. J. Neurosci.* 12: 3741-3747 (2000).
  3. Miyamoto H, Yaguchi T, Ohta K, Nagai K, Nagata T, Yamamoto S, Nishizaki T . 2-pyrrolidinone induces a long-lasting facilitation of hippocampal synaptic transmission by enhancing  $\alpha 7$  ACh receptor responses via a PKC pathway. *Mol. Brain Res.* 117: 91-96 (2003).
  4. Nishizaki T, Nomura T, Matuoka T, Kondoh T, Enikolopo G, Sumikawa K, Watabe S, Shiotani T, Yoshii M. The anti-dementia drug nefiracetam facilitates hippocampal synaptic transmission by functionally targeting presynaptic nicotinic ACh receptors. *Mol. Brain Res.* 80: 53-62 (2000).
-

5. Nishizaki T, Nomura T, Matsuyama S, Kondoh T, Fujimoto E, Yoshii M. Critical role of presynaptic nicotinic ACh receptor in the formation of long-term potentiation: implication of development of anti-dementia drug. *Psychogeriatrics* 1: 209-217 (2001).
  6. Nishizaki T, Nomura T, Matsuoka T, Tsujishita Y. Arachidonic acid as a messenger for the expression of long-term potentiation. *Biochem. Biophys. Res. Commun.* 254: 446-449 (1999).
  7. Ikeuchi Y, Nishizaki T, Matsuoka T, Sumikawa K. Arachidonic acid potentiates ACh receptor currents by protein kinase C activation but not by receptor phosphorylation. *Biochem. Biophys. Res. Commun.* 221: 716-721 (1996).
  8. Nishizaki T, Ikeuchi Y, Matsuoka T, Sumikawa K, Short-term depression and long-term enhancement of ACh-gated channel currents induced by linoleic and linolenic acid. *Brain Res.* 751: 253-258 (1997).
  9. Nishizaki T, Matsuoka T, Nomura T, Sumikawa K. Modulation of ACh receptor currents by arachidonic acid. *Mol. Brain Res.* 57: 173-179 (1998).
-

10. Nishizaki T, Nomura T, Matsuoka T, Enikolopov G, Sumikawa K.  
Arachidonic acid induces a long-lasting facilitation of hippocampal synaptic transmission by modulating PKC activity and nicotinic ACh receptors. Mol. Brain Res. 69: 263-272 (1999).
  11. Nomura T, Nishizaki T , Enomoto T, Itoh H. A long-lasting facilitation of hippocampal neurotransmission via a phospholipase A<sub>2</sub> signaling pathway. Life Sci. 68: 2885-2891 (2001).
  12. Yaguchi T, Yamamoto S, Nagata T, Kanno T, Tanaka A, Nishizaki T .  
Effects of cis-unsaturated free fatty acids on PKC-ε activation and nicotinic ACh receptor responses. Mol. Brain Res. 133: 320-324 (2005).
  13. Ikeuchi Y, Nishizaki T , Matsuoka T, Sumikawa K. Long-lasting enhancement of ACh receptor currents by lysophospholipids. Mol. Brain Res. 45: 317-320 (1997).
  14. Nishizaki T, Sumikawa K. Lysophosphatidic acid potentiates ACh receptor currents by G-protein-mediated activation of protein kinase C. Mol. Brain Res. 50: 121-126 (1997).
-

15. Yaguchi T, Nagata T, Nishizaki T . Dilinoleoylphosphatidylcholine ameliorates scopolamine-induced impairment of spatial learning and memory by targeting alpha7 nicotinic ACh receptors. Life Sci. 84: 263-266 (2009).

---