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[Position]
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[Curriculum Vitae]
[Education]
4/1/1991-3/31/1995: Department of Life Sciences and Bio-informatics, Division of Biomedical Laboratory Sciences, Faculty of Medicine, Tokyo Medical and Dental University
4/1/1995-3/31/1997: Master of Department of Life Sciences and Bio-informatics, Division of Biomedical Laboratory Sciences, Faculty of Medicine, Tokyo Medical and Dental University
4/1/1997-3/31/2001: Department of Pharmacology and Neurobiology, Graduate School of Medicine, Tokyo Medical and Dental University

[Degree]
Ph. D. Faculty of Medicine, Tokyo Medical and Dental University, 2001 (pharmacology)

[Appointments]
4/1/ 2001-3/31 2002: Technical staff, Laboratory for Molecular Dynamics of Mental Disorders RIKEN Brain Science Institute
4/1/ 2002– present: Research scientist, Laboratory for Molecular Dynamics of Mental Disorders RIKEN Brain Science Institute

[Award]
2008 The Encouragement Award for the Presentation at International Conferences (Japanese Society of Biological Psychiatry)

[Publication list]
(Original papers in English)

1. Kasahara, T., Kubota, M., Miyauchi, T., Ishiwata, M., Kato, T. A marked effect of electroconvulsive stimulation on behavioral aberration of mice with neuron-specific mitochondrial DNA defects. PLoS One 3, e1877 (2008).
2. Kato. T., Kubota, M., Kasahara, T. Animal models of bipolar disorder. Neurosci. Biobehav. Rev. 31(6), 832-842 (2007).
3. Kubota, M., Kasahara, T., Nakamura, T., Ishiwata, M., Miyauchi, T., and Kato, T. Abnormal Ca^{2+} dynamics in transgenic mice with neuron-specific mitochondrial DNA defects. J. Neurosci. 26(47), 12314-12324 (2006).
4. Kasahara, T., Kubota, M., Miyauchi, T., Noda, Y., Mouri, A., Nabeshima, T., Kato, T. Mice with neuron-specific accumulation of mitochondrial DNA mutations show mood disorder-like phenotypes. Mol. Psychiatry 11, 577-593 (2006).
5. Nagai, T., Ibata, K., Park, E.S., Kubota. M., Mikoshiba, K. and Miyawaki, A. A variant of yellow fluorescent protein with fast and efficient maturation for cell-biological applications. Nat. Biotechnol. 20, 87-90 (2002).
6. Kubota, M., Murakoshi, T., Saegusa, H., Kazuno, A., Zong, S., Hu, Q., Noda, T and Tanabe, T. Intact LTP and fear memory but impaired spatial memory in mice lacking Cav2.3 (α1E) channel., Biochem. Biophys. Res. Commun. 282, 242-248 (2001).
7. Urayama, O., Murakoshi, T., Kubota, M., Hara, Y., Chihara, J. and Ikawa, Y. Coincident induction of Krev-1/rap 1A, rap 1B and H-ras mRNAs in the rat spinal cord by noxious stimulation. Mol. Brain Res. 45, 331-334 (1997).
8. Murakoshi, T., Kubota, M. and Ichinose, T. Involvement of the presynaptic $GABA_B$ receptor in neocortical synaptic interaction. Pharmacol. Rev. Commun. 8, 219-221 (1996).