

**Division
of
Molecular Cell Signaling**

Publications

1. Bayarsaikhan, M., Shiratsuchi, A., Gantulga, D., Nakanishi, Y., and Yoshioka, K. (2006) Selective expression of the scaffold protein JSAP1 in spermatogonia and spermatocytes. *Reproduction* 131:711-719.
2. Miura, E., Fukaya, M., Sato, T., Sugihara, K., Asano, M., Yoshioka, K., and Watanabe, M. (2006) Expression and distribution of JNK/SAPK-associated scaffold protein JSAP1 in developing and adult mouse brain. *J. Neurochem.* 97:1431-1436.
3. Kong, L., Ueno, M., Itoh, M., Yoshioka, K., and Takakura, N. (2006) Identification and characterization of mouse PSF1-binding protein, SLD5. *Biochem. Biophys. Res. Commun.* 339:1204-1207.
4. Tatebayashi, Y., Planel, E., Chui, D.H., Sato, S., Miyasaka, T., Sahara, N., Murayama, M., Kikuchi, N., Yoshioka, K., Rivka, R., and Takashima, A. (2006) c-jun N-terminal kinase hyperphosphorylates R406W tau at the PHF-1 site during mitosis. *FASEB J.* 20:762-764.
5. Zou, H., Adachi, M., Imai, K., Hareyama, M., Yoshioka, K., Zhao, S., and Shinomura, Y. (2006) 2-methoxyestradiol, an endogenous mammalian metabolite, radiosensitizes colon carcinoma cells through c-Jun NH₂-terminal kinase activation. *Clin. Cancer Res.* 12:6532-6539.
6. Athauda, S.B., Yoshioka, K., Shiba, T., and Takahashi, K. (2006) Isolation and characterization of recombinant *Drosophila* Copia aspartic proteinase. *Biochem. J.* 399:535-542.
7. Kusakawa, T., Shimakami, T., Kaneko, S., Yoshioka, K., and Murakami, S. (2007) Functional interaction of hepatitis C Virus NS5B with Nucleolin GAR domain. *J. Biochem.* 141:917-927.
8. Bayarsaikhan, M., Takino, T., Gantulga, D., Sato, H., Ito, T., and Yoshioka, K. (2007) Regulation of N-cadherin-based cell-cell interaction by JSAP1 scaffold in PC12h cells. *Biochem. Biophys. Res. Commun.* 353:357-362.
9. Iwanaga, A., Sato, T., Sugihara, K., Hirao, A., Takakura, N., Okamoto, H., Asano, M., and Yoshioka, K. (2007) Neural-specific ablation of the scaffold protein JSAP1 in mice causes neonatal death. *Neurosci. Lett.* 429:43-48.
10. Tanahashi, H., and Yoshioka, K. (2008) RNA interference silencing of DRAL affects processing of amyloid precursor protein. *Neurosci. Lett.* 439:293-297.
11. Iwanaga, A., Wang, G., Sato, T., Baljinnyam, T., Suzuki, K., Takumi, K., Hayashi, M., Fuse, H., Sugihara, K., Asano, M., and Yoshioka, K. (2008) Ablation of the scaffold protein JLP causes reduced fertility in male mice. *Transgenic Res.* 17:1045-1058.
12. Sato, T., Torashima, T., Sugihara, K., Hirai, H., Asano, M., and Yoshioka, K. (2008) The scaffold protein JSAP1 regulates proliferation and differentiation of cerebellar granule cell precursors by modulating JNK signaling. *Mol. Cell. Neurosci.* 39:569-578.
13. Gantulga, D., Tuvshintugs, B., Endo, Y., Takino, T., Sato, H., Murakami, S., and Yoshioka, K. (2008) The scaffold protein c-Jun NH₂-terminal kinase-associated leucine zipper protein regulates cell migration through interaction with the G protein G_{α13}. *J. Biochem.* 144:693-700.