

Publications in Refereed Journals

1. Mingming Yu, Hazem Hassam, Kenneth Bauer and **Jia Bei Wang** Determination of L-tetrahydropalmatine and cocaine in human plasma by UPLC and Its application in clinic studies *J Chromatogr B Analyt Technol Biomed Life Sci.* 2014 Jun 20;965C:39-44. doi: 10.1016/j.jchromb.2014.06.020. [Epub ahead of print] PMID: 24996068
2. Linde CI, Feng B, **Wang JB**, Golovina VA Histidine triad nucleotide-binding protein 1 (HINT1) regulates Ca(2+) signaling in mouse fibroblasts and neuronal cells via store-operated Ca(2+) entry pathway *Am J Physiol Cell Physiol.* 2013 Jun 1;304(11):C1098-104. doi: 10.1152/ajpcell.00073.2013. Epub 2013 Apr 10. PMID: 23576580
3. Zhao N, Chen Y, Zhu J, Wang L, Cao G, Dang Y, Yan C, **Wang J**, Chen T Levo-tetrahydropalmatine attenuates the development and expression of methamphetamine-induced locomotor sensitization and the accompanying activation of ERK in the nucleus accumbens and caudate putamen in mice. *Neuroscience.* 2013 Nov 21. pii: S0306-4522(13)00965-2. doi: 10.1016/j.neuroscience.2013.11.025. [Epub ahead of print]
4. Kim T, Hinton DJ, Johng S, **Wang JB**, Choi DS Levo-tetrahydropalmatine decreases ethanol drinking and antagonizes dopamine D(2) receptor-mediated signaling in the mouse dorsal striatum. *Behav Brain Res.* 2013 Jan 31. pii: S0166-4328(13)00047-8. doi: 10.1016/j.bbr.2013.01.028. [Epub ahead of print]
5. K.J. Jackson, **J.B. Wang**, E. Barbier, X.Chen, M.I. Damaj Acute behavioral effects of nicotine in male and female HINT1 knockout mice *Genes Brain Behav.* 2012 Jul 24. doi: 10.1111/j.1601-183X.2012.00827.x. [Epub ahead of print] PMID:22827509
6. **Jia Bei Wang** and John R. Mantsch, Development of l-Tetrahydropalmatine as a New Medication for Drug Addiction, *Future Med Chem* 2012, 4(2):177-186.
7. Bo Feng, Zhihua Li, and **Jia Bei Wang** Protein Kinase C-mediated Phosphorylation of the Mu Opioid Receptor and Its Effects on Receptor Signaling *Mol Pharmacol* published ahead of print January 6, 2011, doi:10.1124/mol.110.069096
8. Bai G., Feng B., **Wang, JB.**, Pozharski, E. and Shapiro M. Studies on ligand binding to histidine triad nucleotide binding protein 1 *Bioorg Med Chem.* 2010 Jul 27. [Epub ahead of print] PMID: 20724166
9. Elisabeth Barbier and **Jia Bei Wang** Anti-Depressant and Anxiolytic Like Behaviors in PKCI/HINT1 Knockout Mice Associated with Elevated Plasma

Corticosterone Level BMC Neuroscience 2009, Nov 13, 10-132 PMID: 19912621

10. Guoyun Bai, Bo Feng, **Jia Bei Wang**, Michael Shapiro Backbone assignment of HINT1 protein, a mouse histidine triad nucleotide binding protein Biomol NMR Assign. 2009 Jun;3(1):57-9. Epub 2009 Jan 14, PMID: 19636947
11. Aldrich, J., Kumar, V., Murray, T., Guang, W. and **Wang, JB** Dual Labeled Peptides as Tools to Study Receptors: High Affinity Derivatives of TIPP (Tyr-Tic-Phe-Phe) Containing an Affinity Label and Biotin as Probes of [δ] Opioid Receptors Bioconjug Chem. 2009 Feb;20(2):201-4. PMID: 19175314
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14. Priscilla S. An, Laura E. Dosanjh, Yuan Luo and **Jia Bei Wang** Enhanced Odorant Preference Associative Learning in *C. elegans* with Protein Kinase C-Interactive Protein (PKCI)/ HINT1 mutation, Cognitive Sciences 4(1):1-14, 2008
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