

BIOGRAPHICAL SKETCH			
Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. DO NOT EXCEED FOUR PAGES.			
NAME Lin, Yanhua		POSITION TITLE Post-doctoral	
eRA COMMONS USER NAME (credential, e.g., agency login)			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Peking University, China	Ph.D.	2003-2005	Neuropharmacology
University of Groningen, the Netherlands	Ph.D.	2005-2007	Neuroscience
University of Utah, U.S.A.	Post-doctoral	2007-	Neuroscience

Selected publications in chronological order (From 2005)

1. Gert J Ter Horst, Romy Wichmann, Marjolein Gerrits, Christel Westenbroek, **Yanhua Lin** (2009) Sex differences in physiology and behavior: focus on ovarian hormones. *Physiol Behav.* 97: 239-249.
2. **Yanhua Lin**, Gert J Ter Horst, Romy Wichmann, Petra Bakker, Aihua Liu, Xuejun Li, Christel Westenbroek (2009) Sex Differences in the Effects of Acute and Chronic Stress and Recovery after Long-Term Stress on Stress-Related Brain Regions of Rats. *Cereb Cortex*. In press.
3. Hongli Wu, Yuhua Li, **Yanhua Lin**, Rui Wang, Lu Tie, Qianliu Song, Heming Yu, Xuejun Li (2009) Salvianolic Acid B protects human endothelial cells from oxidative stress-induced cellular damage by up-regulating GRP78 expression. *Cardiovasc Res.* 1: 148-158.
4. **Yanhua Lin**, Christel Westenbroek, Petra Bakker, Joan Termeer, Aihua Liu, Xuejun Li, Gert J Ter Horst (2008) Effects of Long-Term Stress and Recovery on the Prefrontal Cortex and Dentate Gyrus in Male and Female Rats. *Cereb Cortex.* 12: 2762-2774.
5. Lu Tie, Jianzhao Zhang, **Yanhua Lin**, Tianhao Su, Yuhua Li, Hongli Wu, Youyi Zhang, Heming Yu, Xuejun Li (2008) Epinephrine increases phosphorylation of MAP-2c in rat pheochromocytoma cells (PC12 Cells) via a protein kinase C- and mitogen activated protein kinase-dependent mechanism. *J Proteome Res.* 7: 1704-1711.
6. Lu Tie, Ying Xu, **Yanhua Lin**, Xiaohao Yao, Hongli Wu, Yuhua Li, Zhufang Shen, Heming Yu, Xuejun Li (2008) Down-regulation of brain-pancreas relative protein in diabetic rats and by high glucose in PC12 cells: prevention by calpain inhibitors. *J Pharmacol Sci.* 106: 28-37.
7. **Yanhua Lin**, Aihua Liu, Ning Lu, Yuhua Li, Qianliu Song, Heming Yu, Xuejun Li (2008) Inhibitive Effects of Low Oxygen and Glucose Deprivation on Brain-Pancreas Relative Protein Expression via Hypoxia- Inducible Factor-1 Pathways. *Cell Physiol Biochem.* 22: 353-362.
8. **Yanhua Lin**, Aihua Liu, Yan Pan, Qianliu Song, Hongli Wu, Ning Lu, Heming Yu, Xuejun Li (2007) Reduction in the in vitro expression of Brain-Pancreas Relative Protein by oxygen/glucose-deprivation. *Mol Cell Biochem.* 295: 199-204.

9. Ning Lu, Hong Zhou, **Yanhua Lin**, Zhiqiang Chen, Yan Pan, Xuejun Li (2007) Oxidative Stress Mediates CoCl₂-Induced Prostate Tumour Cell Adhesion: Role of Protein Kinase C and p38 Mitogen-Activated Protein Kinase. *Basic Clin Pharmacol Toxicol.* 101: 41-46.
10. Aihua Liu, Hui Guo, Min Yang, **Yanhua Lin**, Jianghao Sun, Man Xu, Dean Guo (2007) Detection, characterization and identification of phenolic acids in Danshen using high-performance liquid chromatography with diode array detection and electrospray ionization mass spectrometry. *J Chromatogram A.* 1161: 170-182.
11. Aihua Liu, **Yanhua Lin**, Min Yang, Hui Guo, Jianghao Sun, Dean Guo (2007) Development of the fingerprints for the quality of the roots of *Salvia miltiorrhiza* and its related preparations HPLC-DAD and LC-MSⁿ. *J Chromatography B.* 846: 32-41.
12. **Yanhua Lin**, Aihua Liu, Hongli Wu, Christel Westenbroek, Qianliu Song, Heming Yu, Gert J Ter Horst, Xuejun Li (2006) Salvianolic acid B, an antioxidant from *Salvia miltiorrhiza*, prevents β_{25-35} -induced reduction in BPRP in PC12 cells. *Biochem Biophys Res Commun.* 348: 593-599.
13. **Yanhua Lin**, Christel Westenbroek, Lu Tie, Aihua Liu, Heming Yu, Gert J Ter Horst, Xuejun Li (2006) Effects of glucose, insulin and supernatant from pancreatic β -cells on Brain-Pancreas Relative Protein in rat hippocampus. *Neurochem Res.* 31: 1417-1424.
14. Aihua Liu, **Yanhua Lin**, Min Yang, Jianghao Sun, Hui Guo, Dean Guo (2006) High- performance chromatographic determination of tanshinones in the roots of *Salvia miltiorrhiza* and related traditional Chinese medicinal preparations. *J Pharm Pharm Sci.* 9: 1-9.
15. Aihua Liu, Lie Li, Man Xu, **Yanhua Lin**, Hongzhu Guo, Dean Guo (2006) Simultaneous quantification of six major phenolic acids in the roots of *Salvia miltiorrhiza* and four related traditional Chinese medicinal preparations by HPLC-DAD method. *J Pharm Biomed Anal.* 41: 48-56.
16. **Yanhua Lin**, Aihua Liu, Ying Xu, Lu Tie, Heming Yu, Xuejun Li (2005) Effect of chronic unpredictable mild stress on brain-pancreas relative protein in rat brain and pancreas. *Behav Brain Res.* 165: 63-71.
17. Ying Xu, Baoshan Ku, Haiyan Yao, **Yanhua Lin**, Xing Ma, Yonghe Zhang, Xuejun Li (2005) The effects of curcumin on depressive-like behaviors in mice. *Eur J Pharmacol.* 518: 40-46.
18. Yan Pan, Qianliu Song, **Yanhua Lin**, Ning Lu, Heming Yu, Xuejun Li (2005) GLB prevents tumor metastasis of Lewis lung carcinoma by inhibiting tumor adhesion actions. *Acta Pharmacol Sin.* 26: 881-886.
19. **Yanhua Lin**, Aihua Liu, Xuejun Li. The structure and biological functions of A-kinase anchor proteins (2005) *Sheng Li Ke Xue Jin Zhan.* 36: 241-244.
20. Ying Xu, Baoshan Ku, Haiyan Yao, **Yanhua Lin**, Xing Ma, Yonghe Zhang, Xuejun Li (2005) Antidepressant effects of curcumin in the forced swim test and olfactory bulbectomy models of depression in rats. *Pharmacol Biochem Behav.* 82: 200-2