

JING ZHANG

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EDUCATION

1997-2000 M.S. Neurobiology Xuzhou Medical College, China

1990-1995 M.D. Clinical Medicine Xuzhou Medical College, China

RESEARCH EXPERIENCE

2011.4-present Research Specialist, Supervisor: Dr. Stephen F. Traynelis

Dept. of Pharmacology, Emory University School of Medicine

2009-2011.3 Research Specialist, Supervisor: Dr. Chunhai Charlie Hao

Dept. of Pathology, Winship Cancer Institute Emory University School of Medicine

2008.12-2009.2 Volunteer, Dr Hui Cai's Lab

Renal Division, Emory University School of Medicine

Learned molecular techniques including cell culture; Western blot; Plasmid transformation; Transfection

2000-2005 Instructor Dept. of Pharmacology, Xuzhou Medical College

Project: A) neuroprotective mechanisms of sodium gamma- hydroxybutyrate in hypoxia cortical neuronal cultures B) Effects and underlying mechanisms of l-tetrahydropalmatine on amphetamine-induced behavioral sensitisation

1995-2000 Research Assistant Dept. of Neurobiology, Xuzhou Medical College

Project: Neuroprotective effects and mechanisms of sodium gammahydroxybutyrate and melatonin on cerebral ischemia injury

AWARDS AND HONORS

2nd Prize for Science and Technology Advancement, Government of Xuzhou, China, 2009

1st Prize for Science and Technology Advancement, Government of Xuzhou, China, 2005

Employee of the Year, Xuzhou Medical College, 2004

Distinguished Young Teacher, Xuzhou Medical College, 2003-2005

Scholarship for Excellent Medical Student, Xuzhou Medical College, 1990-1995

SELECTED PUBLICATIONS

Ding L, Yuan C, Wei F, Wang G, **Zhang J**, Bellail A.C, Zhang Z, Olson J.J., Hao C. Cisplatin Restores TRAIL apoptotic pathway in Glioblastoma-Derived Stem Cells through Up-regulation of DR5 and Down-regulation of c-FLIP. *Cancer Investigation*, 2011,Oct;29(8):511-20.

Ma TF, Jin R, **Zhang J**, Gu SL, Duan SM. Protective effects of penehyclidine hydrochloride on transient forebrain ischemia reperfusion injury in gerbils. *Chinese*

Journal of Clinical Pharmacology and Therapeutics, 2006, 11(04):453-457

Zhang J, Li M, Guo JD, Gu SL, Dai TJ. Neuroprotective effects of sodium ghydroxybutyrate on neuronal injury induced by hypoxia in cultured cerebral cortical neurons of rats. *Chinese Journal of Pharmacology and Toxicology*, 2004, 18(5): 327-332.

Zhang J, Guo JD, Xing SH, Gu SL, Dai TJ. Effect of melatonin on glutathione peroxidase, superoxide dismutase activities and malondialdehyde content in brain ischemia. *Chinese Pharmacological Bulletin*, 2003, 19(11):1284-1286.

Zhang J, Guo JD, Xing SH, Gu SL. The protective effect of melatonin on cerebral ischemia-reperfusion injury in gerbils. *Acta Pharmaceutica Sinica*, 2002, 37(5):329-333.

Zhang J, Zhang JR, Dai TJ. The dynamic change of ATPase activities in rat brain with propofol anesthesia. *Chinese Pharmacological Bulletin*, 2002, 18(6):669-671.

Zhang J, Guo JD, Gu SL, Dai TJ, Duan SM. Experimental research of sodium gamma-hydroxybutyrate on cerebral ischemia-reperfusion injury in gerbils. *Chinese Pharmacological Bulletin*, 2002, 18(1):50-53

Yan M, **Zhang J**, Gao Y, Wang T. Simultaneous determination of Phenobarbital sodium, phenytoin sodium and carbamazepine in serum by reversed-phase high performance liquid chromatography. *Acta Academiae Medicinae Xuzhou*, 2002, 22(4):198-200

Zhai YP, Zhou Y, Xing SH, **Zhang J**. Effect of 1-tetrohydropalmitine on amphetamine-induced behavioral sensitization in rats. *Acta Academiae Medicinae Xuzhou* 2002,22(2):103-105.