

Curriculum Vitae

Contact Information

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Positions and Employment

Principle Investigator

National Institute on Drug Dependence,
Peking University
Beijing, China

Oct, 2016 – present

Research Fellow

National Institute on Drug Abuse Intramural Research Program,
National Institutes of Health
Baltimore, MD

Aug, 2013 – Aug, 2016

Education and Training

Postdoctoral Fellow

The Jackson Laboratory
Bar Harbor, ME

May, 2010 – Aug, 2013

Postdoctoral Fellow

Louisiana State University Health Sciences Center
New Orleans, LA

Apr, 2009 – Apr, 2010

Ph. D., Neurobiology

University of Science and Technology of China
Hefei, China
(Advisor: Dr. Tian-Le Xu)

Sep, 2001 – Jun, 2008

B. S., Biology

Anhui University
Hefei, China

Sep, 1997 – Jun, 2001

Selected Publications

Liu H, Wang H, Peterson M, **Zhang W**, Hou G, Zhang ZW. N-terminal alternative splicing of GluN1 regulates the maturation of excitatory synapses and seizure susceptibility. *PNAS*, 2019 doi:10.1073/pnas.1905721116.

Yuan K, Cao L, Xue YX, Luo YX, Liu XX, Kong FN, Tabarak S, Liao F, Meng SQ, Han Y, Wu P, Bao YP, **Zhang W**[#], Lu L[#], Shi J[#]. Basolateral amygdala is required for reconsolidation updating of heroin-associated memory after prolonged withdrawal. *Addict Biol*, 2019 doi:10.1111/adb.12793 ([#] Corresponding authors)

Zhu W, **Zhang W**, Li J, Ding Z, Huang Y, Lu L. The abuse of anesthetic propofol: associated with cognitive impairment. *Sci China Life Sci*, 2018 61(11):1428-31.

Yan W, Liu JF, Han Y, **Zhang W**, Luo YX, Xue YX, Zhu WL, Yang C, Chen WH, Guo HL, Ma YN, Yuan K, Wang JS, Shi J, Lu L. Protein kinase M ζ in medial prefrontal cortex mediates depressive-like behavior and antidepressant response. *Molecular Psychiatry*, 2017 23(9):1878-91.

Hu D, Yu ZL, Zhang Y, Han Y, **Zhang W**, Lu L, Shi J. Bumetanide treatment during early development rescues maternal separation-induced susceptibility to stress. *Sci Rep*, 2017 7(1):11878.

Zhang W, Daly K, Liang B, Zhang L, Li Y, Lin DT. BDNF rescues prefrontal dysfunction elicited by pyramidal neuron-specific DTNBP1 deletion in vivo. *J Mol Cell Biol*, 2017 9(2):117-31.

Zhang W¹, Zhang L¹, Schroeder D, Zhang ZW, Cox GA, Li Y, Lin DT. Hyperactive somatostatin interneurons contribute to excitotoxicity in neurodegenerative disorders *Nat Neurosci*, 2016 19(4):557-9.^(1 Equal contribution)

Zhang W, Peterson M, Beyer B, Frankel WN, Zhang ZW. Loss of MeCP2 from the forebrain leads to cortical hyperexcitation and seizures. *J Neurosci*, 2014 12(7):2754-63.

Zhang W, Liu LY, Xu TL. Reduced potassium-chloride co-transporter expression in spinal cord dorsal horn neurons contributes to inflammatory pain hypersensitivity in rats. *Neuroscience*, 2008 152(2):502-10.

Honors and Awards

TJL Fellowship

The Jackson Laboratory, May 2010 – May, 2013

Fellows Award for Research Excellence

National Institutes of Health, Jun, 2015