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Clinical Experience

@ Shanghai Jiao Tong University Affiliated Sixth People's Hospital, Shanghai, China

- Clinical Assistant Professor, 2015/10-2016/06
- Attending: Pain Management Center, 2008/08-2015/09
- Fellowship: Pain Management Center, 2007/09-2008/08
- Residency: Department of Anesthesiology, 2002/08-2007/08

Profession Education

- Post-doc, Duke University, Department of Anesthesiology, Center for Translational Pain Medicine
- Ph.D., Shanghai Jiaotong University School of Medicine, Anesthesiology, 2015
- Master Degree, Shanghai Jiaotong University School of Medicine, Anesthesiology, 2011
- Bachelor, Shanghai the Second Medicine University (Now named as: Shanghai Jiaotong University School of Medicine) Clinical Medicine, 2002

Publications

- **Minocycline can delay the development of morphine tolerance, but cannot reverse existing tolerance in the maintenance period of neuropathic pain in rats.** *Clinical and experimental pharmacology & physiology*
Zhang X, Wang J, Yu T, Du D, Jiang W
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- **Positive feedback loop of autocrine bdnf from microglia causes prolonged microglia activation.** *Cellular physiology and biochemistry: international journal of experimental cellular physiology, biochemistry, and pharmacology*
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- **The effect of intrathecal administration of glial activation inhibitors on dorsal horn bdnf overexpression and hind paw mechanical allodynia in spinal nerve ligated rats.** *J Neural Transm*
Zhang X, Xu Y, Wang J, Zhou Q, Pu S, Jiang W, Du D
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- **Brain-derived neurotrophic factor-activated astrocytes produce mechanical allodynia in neuropathic pain.** *Neuroscience*
Zhang X, Wang J, Zhou Q, Xu Y, Pu S, Wu J, Xue Y, Tian Y, Lu J, Jiang W, Du D
2011;199:452-460
- **L6 spinal nerve ligation produces prolonged development of mechanical allodynia and gradual increase of gfap on ipsilateral dorsal horn.** *Acta neurochirurgica*
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