

## Journal articles

[1] **Lei Zhang**, Xu Zhou, Shisheng He, et al. Reduction in radiation during percutaneous lumbar pedicle screw placement using a new device. *Minim Invasive Ther Allied Technol*, 2013.

[2] Wu H, Chen Y, Wang Z Y, **Zhang L**, et al. Involvement of p21 (waf1) in merlin deficient sporadic vestibular schwannomas. *Neuroscience*, 2010,170(1):149-155.

[3] Xiaofei Guan, **Lei Zhang**, Shisheng He The application advances in the diagnosis and therapy of the lumbar disc herniation using Magnetic resonance neurography technique. *Chinese Journal of Spine and Spinal Cord*, 2013,23(10):939-942.

[4] **Lei Zhang**, Shisheng He present situation of the rehabilitation evaluation systems for patients with spinal cord injury *Chinese Journal of Rehabilitation*,2013,28(3):212-215.

[5] Lingjing Jin, Wuchao Liu, **Lei Zhang**, et al. A system to evaluate the neurological function of the rats' lower extremity. *Chinese Journal of Experimental Surgery*,2012,29(11):2227-2229.

[6] Lingjing Jin, Wuchao Liu, **Lei Zhang**, et al. A methodology for dynamic evaluation of the biological efficacy of botulinum toxin and its dose-effect relationship. *Chinese Journal of Physical Medicine and Rehabilitation*,2012,34(5):321-324.

## Poster

[1] **Lei Zhang**, Lingjing Jin, Wuchao Liu, et al. A methodology for dynamic evaluation of the biological efficacy of botulinum toxin and its dose-effect relationship. The 14th neurology conference of the Chinese Medical Association

[2] **Lei Zhang**, Xu Zhou, Shisheng He, et al. Reduction in radiation while maintaining safe placement of pedicle screws during percutaneous lumbar pedicle screw placement using a new device. The 13th Annual Meeting of the PASMIS.

## **Talk**

[1] **Lei Zhang**, Shisheng He Comparison of the evaluation systems for pain level after spinal cord injury. Chinese Orthopedic Association, 2013

## **Presentations**

[1] **Lei Zhang** Treatment effect of stem cells and micro-connector system on revascularization after spinal cord injury. Progress report (2013-10-7) Department of Neurology Molecular Neurobiology Laboratory, Heinrich Heine University

[2] **Lei Zhang** Treatment effect of stem cells and micro-connector system on cyst formation and revascularization after spinal cord injury. Progress report (2013-12-9)