



## Curriculum Vitae

**Name: Wen-Tao Liu**

Address (Affiliation): Nanjing Medical University

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### **Educational background:**

1994.09 – 1998.07: Bachelor, Shandong Medical University

1998.07 – 2001.06: Master, China Pharmaceutical University

2002.09 – 2005.09: PhD, China Pharmaceutical University

### **Positions Held:**

Vice President of Institute of Translational Medicine, Nanjing Medical University (Jiangsu Institute of Translational Medicine)

### **Awards:**

- 1) National Natural Science Foundation of China (No. 81471142, 81471142, 81171697, 30901401). Jiangsu Key R&D Plan (Social Development) (BE2019732).
- 2) 2016, The Best Medical Translation Entrepreneurship Project Award of the First National Medical Student Innovation and Entrepreneurship Forum.
- 3) 2016, The Best Medical Translation Entrepreneurship Project Award of the First National Medical Student Innovation and Entrepreneurship Forum.
- 4) 2016, Runner-up in the China Division of the University of Dayton Entrepreneurship Competition.
- 5) 2016, "Creating Youth" Speed China Cup Jiangsu University Student Entrepreneurship Competition Silver Award.
- 6) 2016, Special Prize of "Innovation Cup" Entrepreneurship Plan Competition of Nanjing Medical University.
- 7) 2015, "Smart City Rongcheng" University Student Entrepreneurship Competition Excellence Award.

**Academic/Professional Membership:**

Academic/Professional Membership:

- 1) Member of the Standing Committee of the Chinese Pharmacological Society of Anesthesiology.
- 2) Member of the Chinese Research Hospital Anesthesia Professional Committee.
- 3) Member of the Standing Committee of the Chinese Pharmacological Society of Renal Pharmacology.
- 4) Vice Chairman of the Jiangsu Neuroimmune Society.
- 5) Member of the Pain Medicine Committee of the Jiangsu Medical Association.

Professional Membership:

- 1) Distinguished Professor of Nanjing Medical University.

**Research Interests:**

The pathogenesis and solution of chronic pain, tissue repair.

**Selected Publications (max 10):**

- 1) Wen-Ling Dai , Li Zhang , Liu Han , Xing Yang, Liang Hu, Chen Miao, Ling Song, Hang Xiao, Ji-Hua Liu\*, **Wen-Tao Liu\***. Regulation of the K ATP-JNK gap junction signaling pathway by immunomodulator astragaloside IV attenuates neuropathic pain. Reg Anesth Pain Med. 2020 Sep 22; 2020-101411. (IF=7.015)
- 2) Qingqing Yu , Xing Yang , Chen Zhang, Xiaotao Zhang, Chaoyu Wang, Lu Chen, Xiaolin Liu, Yufeng Gu, Xueming He, Liang Hu\*, **Wen-Tao Liu\***, Yan Li\*. AMPK activation by ozone therapy inhibits tissue factor-triggered intestinal ischemia and ameliorates chemotherapeutic enteritis. FASEB J. 2020 Aug 9. (IF=4.966)
- 3) Tong-Tong Lin , Jie Qu , Chao-Yu Wang, Xing Yang, Fan Hu, Liang Hu, Xue-Feng Wu, Chun-Yi Jiang\*, **Wen-Tao Liu\***, Yuan Han\*. Rescue of HSP70 in spinal neurons alleviates opioids-induced hyperalgesia via the suppression of endoplasmic reticulum stress in rodents. Front Cell Dev Biol. 2020 May 12;8:269. (IF=5.206)
- 4) Kong Hong , Chun-Yi Jiang\* , Hu Liang, Teng Peng, Zhang Yan,2, Pan Xiu Xiu, Sun Xiao Di, **Wen-Tao Liu\***. Morphine induces dysfunction of PINK1/Parkin-mediated mitophagy in spinal cord neurons implying involvement in antinociceptive tolerance. Journal of Molecular Cell Biology, 2019 Jan 30. (IF=5.9)
- 5) Yi-XinFan, ChengQiana, BingqianLiu, ChaoyuWang, HaijiaoLiu, XiuxiuPan PengTeng, LiangHu, GuangqinZhang, Yuan-Han, MiYang, Xue-FengWu, **Wen-Tao Liu\***. Induction of suppressor of cytokine signaling 3 via HSF-1-HSP70-TLR4 axis attenuates neuroinflammation

and ameliorates postoperative pain. *Brain, Behavior, and Immunity*. 2018 Feb;68:111-122. (IF=6.3)

- 6) Lai Jiang , Cai-Long Pan , Chao-Yu Wang, Bing-Qian Liu, Yuan Han, Liang Hu, Lei Liu, Yang Yang, Jun-Wei Qu, and **Wen-Tao Liu** \*. Selective suppression of the JNK-MMP2/9 signal pathway by tetramethylpyrazine attenuates neuropathic pain in rats. *Journal of Neuroinflammation*, 2017. 14:74 2017 Aug 31. (IF=5.1)
- 7) XiangyuYang, GuiqinHe, XiaoyunZhang, LuChen, YueKong, WeiXie, ZhengpingJia, **Wen- Tao Liu** \* and Zikai Zhou\*. Transient inhibition of LIMKs significantly attenuated central sensitization and delayed the development of chronic pain. *Neuropharmacology*. 2017 Oct;125:284-294. doi: 10.1016(IF=5.1)
- 8) Hai-Jiao Liu†, Xiu-Xiu Pan†, Bing-Qian Liu, Xuan Gui, Liang Hu, Chun-Yi Jiang, Yuan Han, Yi-Xin Fan, Yu-Lin Tang and **Wen-Tao Liu**\*. Grape seed-derived procyanidins alleviate gout pain via NLRP3 inflammasome suppression. *Journal of Neuroinflammation*, 2017. 14:74 DOI: 10.1186 (IF=5.1)
- 9) Li JJ, Xu LJ, Deng XT, Jiang CY, Pan CL, Chen L, Han Y, Dai WL, Hu L, Zhang GQ, Cheng ZX, **Liu WT**\*, N-acetyl-cysteine attenuates neuropathic pain by suppressing matrix metalloproteinases, *Pain*, 2016, 157(8): 1711-1723. (IF=5.8)
- 10) Song HY, Han Y, Pan CL, Deng XT, Dai WL, Hu L, Jiang CY, Yang YJ, Cheng ZX, Li F, Zhang GQ, Wu XF, **Liu WT**\*, Activation of adenosine monophosphate-activated protein kinase suppresses neuroinflammation and ameliorates bone cancer pain: involvement of inhibition on mitogen-activated protein kinase, *Anesthesiology*, 2015, 123(5): 1170-1185. (IF=5.8)