


Brief CV

Name	Xiumei Tian	中文名	田秀梅	
Gender	female	Title (Pro./Dr.)	Associate Pro	
Position (President...)		Country	China	
University/ Department	Department of Biomedical Engineering, Guangzhou Medical University			
Personal Website				
Research Area	Preclinical research of multi-functional nanoprobe for molecular imaging			

Brief introduction of your research experience:

Objects

I have acquired by the National Natural Science Foundation of China (No. 81771891, 81271622), and the Postdoctoral Science Foundation of China (No. 2014M552182).

Articles were published in scientific journals (Biomaterials, Nanoscale, Scientific Reports, International Journal of Nanomedicine, International Journal of Molecular Sciences and so on).

Education

Guangzhou Medical University, China, 2012-present

Post-Doctor at the Department of Biomedical Engineering

SunYat-sen University, China, 2010-2012

Doctor at the SunYat-sen University Cancer Center

Jiamusi university, China, 1996-2004

The master of science at biochemistry department, and the bachelor of clinical medicine at the clinical department.

Publication

1) Yuan-zhi Shao #, **Xiu-mei Tian** #, Wenyong Hu, ZHANG Yongyu, Huan Liu, Haoqiang He, Yingying

Shen, Fukang XIE, LI Li*. The Properties of Gd₂O₃-assembled Silica Nanocomposite Targeted Nanoprobes and their Application in MRI. *Biomaterials*, 2012.33:438-6446. (IF: 8.312)

2) **Xiumei Tian**, Yuanzhi Shao, Haoqiang He, Huan Liu, Yingying Shen, Wenlin Huang and Li Li. Nanoamplifiers Synthesized from Gadolinium and Gold Nanocomposites for Magnetic Resonance Imaging. *Nanoscale*, 2013.5: 3322-3329. (JCR 一区, IF: 7.367)

3) Xiao J[#], **Tian XM[#]**, Yang C, Liu P, Luo NQ, Liang Y, Li HB, Chen DH, Wang CX, Li L, Yang GW. Ultrahigh relaxivity and safe probes of manganese oxide nanoparticles for in vivo imaging. *Scientific Reports*, 2013. 3:3424. (共同第一作者) (JCR 二区, IF: 4.259)

4) **Xiumei Tian**, Fanwen Yang, Chuan Yang, Peng Ye, Dihu Chen, Zhu Jixiang, He Fupo, Li Li, Xiaoming Chen. Toxicity Evaluation of Gd₂O₃@SiO₂ Nanoparticles Prepared by Laser Ablation in Liquid as MRI Contrast Agents in Vivo. *International Journal of Nanomedicine*, 2014.9(1): 4043—4053 (JCR 二区, IF: 4.3)

5) **Xiumei Tian**, Xiaoying Guan, Ningqi Luo, Fanwen Yang, Dihu Chen, Ye Peng, Jixiang Zhu, Fupo He, Li Li, Xiaoming Chen. In vivo Immunotoxicity Evaluation of Gd₂O₃ Nanoprobes Prepared by Laser Ablation in Liquid for MRI Preclinical Applications. *Journal of Nanoparticle Research*, 2014,16,2594 (JCR 二区, IF: 2.02)

6) Ningqi Luo[#], **Xiumei Tian[#]**, Chuan Yang, Jun Xiao, Wenyong Hu, Dihu Chen, and Li Li. Ligand-Free Gadolinium Oxide for In Vivo T1-Weighted Magnetic Resonance Imaging. *PHYS CHEM CHEM PHYS*, 2013. 15: 12235-12240. (共同第一作者) (JCR 三区, IF: 4.123)

7) **Xiumei Tian**, Ermao Li, Fanwen Yang, Ye Peng, Jixiang Zhu, Fupo He, Xiaoming Chen. Immunotoxicity Assessment of [SiO₂@\(Y_{0.5}Gd_{0.45}Eu_{0.05}\)₂O₃](#) as Dual-modality Nanoprobes In Vivo. *International Journal of Molecular Sciences*. 2014. 15(8), 13649-13662 (JCR 三区, IF: 3.226)

- 8) Jun Liu, # **Xiumei Tian**, # Ningqi Luo, Chuan Yang, Jun Xiao, Yuanzhi Shao, Xiaoming Chen, Guowei Yang, Dihu Chen, Li L. Sub-10 nm monoclinic Gd₂O₃:Eu³⁺ nanoparticles as dual-modal nanoprobes for magnetic resonance and fluorescence imaging. *Langmuir*. 2014. 30: 13005-13013. (共同第一作者, JCR 二区, IF: 3.833)
- 9) Long Huang, # Xiumei Tian, # Jun Liu, Cunjing Zheng, Fukang Xie, Li Li. The Risk Assessment of Gd₂O₃:Yb³⁺/Er³⁺ Nanocomposites as Dual-Modal Nanoprobes for Magnetic and Fluorescence Imaging. *Journal of Nanoparticle Research*. 2017, 19(2): 58 (并列第一, JCR 二区, IF: 2.02)
- 10) Wu, Xiaoju; #Mei, Tian; # Chen, Tongming; Zeng, Ao; Yang, G. Inorganic fullerene-like molybdenum selenide with good biocompatibility by laser ablation in liquids. *Nanotechnology*, Accepted.
- 11). Hong Chen, Cai-Lu Wang, Tao Sun, Zhan Zhou, Jiang-Xiu Niu, Xiu-Mei Tian*, Mu Yuan*. Synthesis, biological evaluation and SAR of naftopidil-based arylpiperazine derivatives, *Bioorganic & Medicinal Chemistry Letters*, 2018, 28(9): 1534-1539.
- 12) Chen Hong, Junjun Huang, Tao Sun, Jiangxiu Niu, Xiumei, Tian*, Mu Yuan*. Synthesis and Evaluation of Arylpiperazine Derivatives as Anti-cancer Agents. *Letters in Organic Chemistry*, 2018, Accepted.

*****All the columns need to be filled in.