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副研究员

● 教育和工作背景:

2003—2007 年，南昌大学，生物技术专业，理学学士；

2007—2013 年，中国科学技术大学，神经生物学专业，理学博士；

2013—2023 年，南昌大学，生命科学研究院，助理研究员；

2023 年—至今，南昌大学，生物医学创新研究院，副研究员、硕士生导师。

● 研究兴趣、领域:

主要研究精神疾病与脑血管病的共患机制，期望通过小鼠焦虑/抑郁症模型、光片扫描显微镜与基因组测序等方法，发现长期精神应激压力下造成脑血管损伤的机理。近年来，主持并结题两项国家基金和两项省级基金，以一作或通讯作者发表论文 11 篇，英文论著 1 个章节，获批 5 项实用新型专利。

● 学术兼职:

江西省神经科学学会副秘书长、理事。

● 主要成果、荣誉、奖励（代表性即可，原则上不超过 10 项）:

1. **Suqi Zou**; Bing-Xing Pan; Post-synaptic specialization of the neuromuscular junction: junctional folds formation, function, and disorders, **Cell & Bioscience**, 2022, 12(1).
2. Shunqi Wang; Yingxing Wang; **Suqi Zou**; A Glance at the Molecules That Regulate Oligodendrocyte Myelination, **Current Issues in Molecular Biology**, 2022, 44(5)：2194-2216.
3. **Suqi Zou*** and Bing Hu*. In vivo imaging reveals mature Oligodendrocyte division in adult Zebrafish [J], **Cell Regeneration**, 2021, 10:16.
4. Tian-Kun Hui, Xin-Sheng Lai, Xia Dong, Hongyang Jing, Ziyang Liu, Erkang Fei, Wen-Bing Chen, Shunqi Wang, Dongyan Ren, **Suqi Zou***, Hai-Tao Wu,* and Bing-Xing Pan*. Ablation of Lrp4 in Schwann Cells Promotes Peripheral Nerve Regeneration in Mice [J]. **Biology**, 2021,10, 452.
5. Qin Cheng#, Bai Yijiang#, Zeng Zhen, Wang Liao, Luo Zhiwen, Wang Shunqi, **Zou Suqi***. The Cutting and Floating Method for Paraffin-embedded Tissue for Sectioning [J]. **J. Vis. Exp.** 2018(139), e58288, doi:10.3791/58288(2018).
6. Chen Tian, **Suqi Zou**, and Bing Hu*. Extraocular Source of Oligodendrocytes

Contribute to Retinal Myelination and Optokinetic Responses in Zebrafish [J]. **Invest Ophthalmol Vis Sci.** 2016;57:2129–2138.

7. **Su-qi Zou**，Wu Yin，Yu-bin Huang，Chen Tian，Shu-chao Ge，Bing Hu*，Chapter 2. Functional regeneration and remyelination in the zebrafish optic nerve. Book title: **Neural Regeneration.** 2015, pp21-41.
8. **Su-Qi Zou**, Chen Tian, Su-Tie Du, Bing Hu*. Retrograde labeling of retinal ganglion cells in adult zebrafish with fluorescent dyes [J]. **J Vis Exp, 2014**, (87).
9. **Suqi Zou**, Chen Tian, Shuchao Ge, Bing Hu*.Neurogenesis of Retinal Ganglion Cells Is Not Essential to Visual Functional Recovery after Optic Nerve Injury in Adult Zebrafish. **PLoS ONE**,2013, 8(2): e57280. doi:10.1371/journal.pone.0057280.
10. **Su-Qi Zou,** Wu Yin, Ming-Jing Zhang, Chun-Rui Hu, Yu-Bin Huang, Bing Hu*.Using the optokinetic response to study visual function of zebrafish. **J. Vis. Exp.** 2010, (36), e1742, DOI: 10.3791/1742 (2010).

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