李叶华

特聘研究员

● 教育和工作背景:

2008.09-2012.06： 清华大学生命科学学院 学士

2012.08-2018.06： 清华大学生命科学学院 博士

2018.06-2024.09： 北京生命科学研究所 博士后

2024.09 -至今：南昌大学生物医学创新研究院 特聘研究员

研究兴趣、领域：

课题组主要结合类器官模型致力于研究细胞铜死亡及铜离子代谢在肿瘤等重大疾病中的作用和分子机制，课题组负责人以第一作者或者共同第一作者身份在 Cell Metabolism，Nature Communications, Cell Discovery 和 Stem Cell Reports 等国际著名期刊发表多篇文章。

● 主要成果、荣誉、奖励（代表性即可，原则上不超过 10 项）：

1. Li, Yehua*; Ma, Jiahao*; Wang, Rui; Luo, Yuanhanyu; Zheng, Sanduo; Wang, Xiaodong; Zinc transporter 1 functions in copper uptake and cuproptosis, Cell Metabolism, 2024, 36(9): 2118-2129 (*Co-first authors)

2. Li, Yehua#; Wang, Jiawen; Wang, Rui; Wang, Xiaodong#; Gut bacteria induce IgA expression in pituitary hormone-secreting cells during aging, iScience, 2023, 26(10):107747 (#Corresponding)

3. Wang, Shan*; Li, Siqi*; Li, Yehua*; Jiang, Quanlong; Li, Xintong; Wang, Yalong; Han, Jing-Dong; Liu, Yuan; Chen, Ye-Guang; Non-muscle myosin heavy chain 9 maintains intestinal homeostasis by preventing epithelium necroptosis and

colitis adenoma formation, Stem Cell Reports, 2021, 16(5): 1290-1301 (*Co-first authors)

4. Li, Yehua*; Liu, Yuan*; Liu, Bofeng; Wang, Jilian; Wei, Siting; Qi, Zhen; Wang, Shan; Fu, Wei; Chen, Ye-Guang; A growth factor-free culture system underscores the coordination between Wnt and BMP signaling in Lgr5(+) intestinal stem cell maintenance, Cell Discovery, 2018, 4(4): 49-49 (*Co-first authors)

5. Qi, Zhen*; Li, Yehua*; Zhao, Bing; Xu, Chi; Liu, Yuan; Li, Haonan; Zhang, Bingjie; Wang, Xinquan; Yang, Xiao; Xie, Wei; Li, Baojie; Han, Jing-Dong Jackie; Chen, Ye-Guang; BMP restricts stemness of intestinal Lgr5(+) stem cells by directly suppressing their signature genes, Nature Communications, 2017, 8(8): 13824-13824 (*Co-first authors)

6. Wu, Ye*; Li, YeHua*; Li, Xiang*; Zou, Yan; Liao, Hong-Li; Liu, Lei; Chen, Ye-Guang; Bierer, Donald; Hu, Hong-Gang; A novel peptide stapling strategy enables the retention of ring-closing amino acid side chains for the Wnt/beta-catenin signalling pathway, Chemical Science, 2017,11(8): 7368-7373 (*Co-first authors)

7. Zhao, Bing*; Qi, Zhen*; Li, Yehua*; Wang, Chongkai; Fu, Wei; Chen, Ye-Guang; The non-muscle-myosin-II heavy chain Myh9 mediates colitis-induced epithelium injury by restricting Lgr5+ stem cells, Nature Communications, 2015, 6(7166) (*Co-first authors)

主持一项国家自然科学基金青年科学基金，项目名称：细胞铜死亡关键参与因子 Slc30a1/ZNT1 的工作机制和生理功能研究，课题负责人：李叶华，2024-2025（20 万）

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