



林辉 博士

南昌大学基础医学院副教授、硕士生导师

赣江青年学者

美国哈佛医学院博士后

● 教育和工作背景:

2021-至今 南昌大学基础医学院副教授、硕士生导师

2019-2021 美国哈佛医学院博士后

2011-2017 南昌大学临床医学专业 硕-博连读

● 研究兴趣、领域:

主要研究 AMP-激活蛋白激酶(AMPK)和转化生长因子 beta (TGF-beta) 超家族信号通路之间的交互作用以及在疾病中的作用。目前主持国家自然科学基金青年基金 1 项, 江西省杰出青年自然科学基金 1 项, 江西省青年基金 1 项。以第一作者或者通讯作者发表科研 SCI 论文 17 篇。

● 代表性论文:

1. Wu, Jianhui., Ren, Bowen., Wang, Daochao., Hui Lin (*林辉). Regulatory T cells in skeletal muscle repair and regeneration: recent insights. *Cell Death Dis.* 2022 Aug 5;13(8):680.
2. Huang, Yifei; Wang, Xinyi; Zhou, Daixuan; Zhou, Wenwen; Dai, Fengyi; Lin, Hui (*林辉), Macrophages in heterotopic ossification: from mechanisms to therapy., *NPJ Regen Med*, 2021, 6(1): 70.
3. Wang, Xinyi; Liu, Ting; Huang, Yifei; Dai, Yifeng; Lin, Hui (*林辉), Regulation of transforming growth factor- β signalling by SUMOylation and its role in fibrosis., *Open Biology*, 2021, 11(11): 210043.
4. Hou, Yifeng; Cai, Shuang; Yu, Shouyang; Lin, Hui (*林辉), Metformin induces ferroptosis by targeting miR-324-3p/GPX4 axis in breast cancer, *Acta Biochimica et Biophysica Sinica*, 2021, 53(3): 333-341.

5. Hui Lin (林辉); Fuli Shi; Shanshan Jiang; Yuanyuan Wang; Junrong Zou; Ying Ying; Deqiang Huang; Lingyu Luo; Xiaohua Yan; Zhijun Luo, Metformin attenuates trauma-induced heterotopic ossification via inhibition of Bone Morphogenetic Protein signalling., *JOURNAL OF CELLULAR AND MOLECULAR MEDICINE*, 2020, 24(24): 14491-14501.
6. Lin, Hui (林辉); Zhou, Wenfang; Huang, Yonghong; Ren, Min; Xu, Fangyun; Wang, Hongmei, Systemic hypoxia potentiates anti-tumor effects of metformin in hepatocellular carcinoma in mice., *Acta Biochimica et Biophysica Sinica*, 2020, 52(4): 421-429.
7. Yifei, Huang; Xinyi, Wang; Hui, Lin (*林辉), The hypoxic microenvironment: a driving force for heterotopic ossification progression., *Cell Communication and Signaling*, 2020, 18(1): 20.
8. Lin, Hui (林辉); Ying, Ying; Wang, Yuan-Yuan; Wang, Gang; Jiang, Shan-Shan; Huang, Deqinag; Luo, Lingyu; Chen, Ye-Guang; Gerstenfeld, Louis C.; Luo, Zhijun, AMPK downregulates ALK2 via increasing the interaction between Smurfl and Smad6, leading to inhibition of osteogenic differentiation, *Biochimica et Biophysica Acta-Molecular Cell Research*, 2017, 1864(12): 2369-2377.
9. Lin, Hui(林辉); Li, Nianshuang; He, Huan; Ying, Ying; Sunkara, Shashank; Luo, Lingyu; Lv, Nonghua; Huang, Deqiang; Luo, Zhijun, AMPK Inhibits the Stimulatory Effects of TGF-beta on Smad2/3 Activity, Cell Migration, and Epithelial-to-Mesenchymal Transition, *MOLECULAR PHARMACOLOGY*, 2015, 88(6): 1062-1071.

● 联系方式:

电话: 15879091983

E-mail: huilin88@ncu.edu.cn