刘明耀：

基因细胞治疗和创新药物研究实验室及模式动物平台主任。前华东师范大学生命科学学院院长，生命医学研究所所长，上海市调控生物学重点实验室主任；国家特聘专家。致力于G蛋白偶联受体（GPCR）及新药研发，基因编辑与细胞治疗，以及开发基因敲除动物新技术。已在Science、Nature、Nature Medicine、Nature Biotechnology 等国际学术刊物上发表SCI论文300多篇，论文引用19000多次。致力于产学研及转化研究，申请专利100多项，获得授权专利40多项。目前已创办上海邦耀生物等三家科技有限公司。

**代表性学术论文：**

1. Zhang, J., Hu, Y., Yang, J., Li, W., Zhang, M., Wang, Q., ... & Huang, H. (2022). Non-viral, specifically targeted CAR-T cells achieve high safety and efficacy in B-NHL. *Nature*, 1-6.
2. Fu, B., Liao, J., Chen, S., Li, W., Wang, Q., Hu, J., ... & Wu, Y. (2022). CRISPR–Cas9-mediated gene editing of the BCL11A enhancer for pediatric β0/β0 transfusion-dependent β-thalassemia. *Nature Medicine*, 1-8.
3. Zhang, J., Hu, Y., Yang, J., Li, W., Zhang, M., Wang, Q., ... & Huang, H. (2022). Non-viral, specifically targeted CAR-T cells achieve high safety and efficacy in B-NHL. *Nature*, 1-6.
4. Luo, J., Yang, Z., Ma, Y. U., Yue, Z., Lin, H., Qu, G., ... & Liu, M. (2016). LGR4 is a receptor for RANKL and negatively regulates osteoclast differentiation and bone resorption. *Nature medicine*, *22*(5), 539-546.
5. Jin, Y., Liu, Q., Chen, P., Zhao, S., Jiang, W., Wang, F., ... & Luo, J. (2022). A novel prostaglandin E receptor 4 (EP4) small molecule antagonist induces articular cartilage regeneration. *Cell discovery*, *8*(1), 1-22.
6. Liu, M., & Simon, M. I. (1996). Regulation by cAMP-dependent protein kinease of a G-protein-mediated phospholipase C. *Nature*, *382*(6586), 83-87.
7. Hsu, Y. C., Chern, J. J., Cai, Y., Liu, M., & Choi, K. W. (2007). Drosophila TCTP is essential for growth and proliferation through regulation of dRheb GTPase. *Nature*, *445*(7129), 785-788.
8. Wang, J., Hu, K., Guo, J., Cheng, F., Lv, J., Jiang, W., ... & Liu, M. (2016). Suppression of KRas-mutant cancer through the combined inhibition of KRAS with PLK1 and ROCK. *Nature communications*, *7*(1), 1-13.
9. Li, D., Qiu, Z., Shao, Y., Chen, Y., Guan, Y., Liu, M., ... & Liu, M. (2013). Heritable gene targeting in the mouse and rat using a CRISPR-Cas system. *Nature biotechnology*, *31*(8), 681-683.

**研究方向：**

单基因病、多基因性状和疾病的遗传机制：基因编辑技术开发与应用：生殖医学与生殖遗传

**联系方式：**

myliu@bio.ecnu.edu.cn