

2021年度医学研究院论文集选（按发表时间排序）

1. Xu, L., Zheng, Y., Li, X., Wang, A., Huo, D., Li, Q., Wang, S., Luo, Z., Liu, Y., Xu, F., Wu, X., Wu, M.*, **Zhou, Y.*** (2021). Abnormal neocortex arealization and Sotos-like syndrome-associated behavior in Setd2 mutant mice. **Sci Adv** 7. (周严)
2. Ma, S., Rong, Z., Liu, C., Qin, X., Zhang, X., and **Chen, Q.*** (2021). DNA damage promotes microtubule dynamics through a DNA-PK-AKT axis for enhanced repair. **J Cell Biol** 220. (陈强)
3. Feng, M., Xie, X., Han, G., Zhang, T., Li, Y., Li, Y., Yin, R., Wang, Q., Zhang, T., Wang, P., ..., **Zhang, H.*** (2021). YBX1 is required for maintaining myeloid leukemia cell survival by regulating BCL2 stability in an m6A-dependent manner. **Blood** 138, 71-85. (张好建)
4. Lu, P., Li, M., Zhang, D.*, and **Jiang, W.*** (2021). Lnc-ing pluripotency maintenance and early differentiation in human pluripotent stem cells. **FASEB J** 35, e21438. (蒋卫)
5. Li, Q., Pan, S., Xie, T., **Liu, H.*** (2021). MYC in T-cell acute lymphoblastic leukemia: functional implications and targeted strategies. **Blood Science** 3, 65-70. (刘胡丹)
6. He, W.R., Cao, L.B., Yang, Y.L., Hua, D., **Hu, M.M.***, **Shu, H.B.*** (2021). VRK2 is involved in the innate antiviral response by promoting mitostress-induced mtDNA release. **Cell Mol Immunol**. (胡明明、舒红兵)
7. Liu, R., Qian, K., Xiao, Y.*, and **Jiang, W.*** (2021). Generation of two induced pluripotent stem cell lines from blood cells of a prostate cancer patient carrying germline mutation in CHEK2. **Stem Cell Res** 53, 102299. (蒋卫)
8. Zhang, M., Zhang, L., Hei, R., Li, X., Cai, H., Wu, X., Zheng, Q., and **Cai, C.*** (2021). CDK inhibitors in cancer therapy, an overview of recent development. **Am J Cancer Res** 11, 1913-1935.* (蔡车国)
9. Li, C., Feng, L., Luo, W.W., Lei, C.Q., Li, M., and **Shu, H.B.*** (2021). The RNA-binding protein LUC7L2 mediates MITA/STING intron retention to negatively regulate innate antiviral response. **Cell Discov** 7, 46. (舒红兵)
10. Chen, W., Wei, W., Yu, L., Zhang, X., Huang, F., Zheng, Q.*, Wang, L.*, and **Cai, C.*** (2021). Baicalin Promotes Mammary Gland Development via Steroid-Like Activities. **Front Cell Dev Biol** 9, 682469. (蔡车国)
11. Zhao, P., Huang, P., Xu, T., Xiang, X., Sun, Y., Liu, J., Yan, C., Wang, L., Gao, J., Cui, S., ...,

- Song, W.***, Liu, Y.* (2021). Fat body Ire1 regulates lipid homeostasis through the Xbp1s-FoxO axis in *Drosophila*. **iScience** 24, 102819. (宋威)
12. Liu, R., Zeng, L.W., Gong, R., Yuan, F., Shu, H.B., and **Li, S.*** (2021). mTORC1 activity regulates post-translational modifications of glycine decarboxylase to modulate glycine metabolism and tumorigenesis. **Nat Commun** 12, 4227. (李姝)
13. Dong, Y., Guo, H., Wang, D., Tu, R., **Qing, G.***, and **Liu, H.*** (2021). Genome-Wide Analysis Identifies Rag1 and Rag2 as Novel Notch1 Transcriptional Targets in Thymocytes. **Front Cell Dev Biol** 9, 703338. (卿国良、刘胡丹)
14. Zheng, R., Geng, T., Wu, D.Y., Zhang, T., He, H.N., Du, H.N., Zhang, D.*, Miao, Y.L.*, and **Jiang, W.*** (2021). Derivation of feeder-free human extended pluripotent stem cells. **Stem Cell Reports** 16, 1686-1696. (蒋卫)
15. Huang, J., Liang, Z., Guan, C., Hua, S., and **Jiang, K.*** (2021). WDR62 regulates spindle dynamics as an adaptor protein between TPX2/Aurora A and katanin. **J Cell Biol** 220. (姜恺)
16. Wang, P., Yang, W., Guo, H., Dong, H.P., Guo, Y.Y., Gan, H., Wang, Z., Cheng, Y., Deng, Y., Xie, S., Yang, X., Lin, D.*, **Zhong, B.*** (2021). IL-36gamma and IL-36Ra Reciprocally Regulate NSCLC Progression by Modulating GSH Homeostasis and Oxidative Stress-Induced Cell Death. **Adv Sci (Weinh)**, e2101501. (钟波)
17. Chen, W., Wei, W., Yu, L., Ye, Z., Huang, F., Zhang, L., Hu, S., and **Cai, C.*** (2021). Mammary Development and Breast Cancer: a Notch Perspective. **J Mammary Gland Biol Neoplasia**. (蔡车国)
18. Wang, P., Feng, M., Han, G., Yin, R., Li, Y., Yao, S., Lu, P., Wang, Y., and **Zhang, H.*** (2021). RNA m(6)A Modification Plays a Key Role in Maintaining Stem Cell Function in Normal and Malignant Hematopoiesis. **Front Cell Dev Biol** 9, 710964. (张好建)
19. Ding, G., Xiang, X., Hu, Y., Xiao, G., Chen, Y., Binari, R., Comjean, A., Li, J., Rushworth, E., Fu, Z., Mohr, S., Perrimon, N.*, **Song, W.*** (2021). Coordination of tumor growth and host wasting by tumor-derived Upd3. **Cell Rep** 36, 109553. (宋威)
20. Xiong, W., Gao, Y., Wei, W.*, and **Zhang, J.*** (2021). Extracellular and nuclear PD-L1 in modulating cancer immunotherapy. **Trends Cancer** 7, 837-846. (张金方)
21. He, L., Qian, X., and **Cui, Y.*** (2021). Advances in ER-Phagy and Its Diseases Relevance.

Cells 10. (崔逸仙)

22. Meng, Y., Zhang, T., Zheng, R., Ding, S., Yang, J., Liu, R., Jiang, Y.*, and **Jiang, W.*** (2021). Depletion of Demethylase KDM6 Enhances Early Neuroectoderm Commitment of Human PSCs. **Front Cell Dev Biol** 9, 702462. (蒋卫)
23. Tu, R., Kang, W., Yang, M., Wang, L., Bao, Q., Chen, Z., Dong, Y., Wang, J., Jiang, J., Liu, H., **Qing, G.*** (2021). USP29 coordinates MYC and HIF1alpha stabilization to promote tumor metabolism and progression. **Oncogene**. (卿国良)
24. Zhong, L., and **Shu, H.B.*** (2021). Mitotic inactivation of the cGAS/MLSTING pathways. **J Mol Cell Biol**. (舒红兵)
25. Yin, R., Chang, J., Li, Y., Gao, Z., Qiu, Q., Wang, Q., Han, G., Chai, J., Feng, M., Wang, P., ..., **Zhang, H.*** (2021). Differential m(6)A RNA landscapes across hematopoiesis reveal a role for IGF2BP2 in preserving hematopoietic stem cell function. **Cell Stem Cell**. (张好建)
26. Ding, S., Lan, X., Meng, Y., Yan, C., Li, M., Li, X.*, Chen, J.*, and **Jiang, W.*** (2021). CHD8 safeguards early neuroectoderm differentiation in human ESCs and protects from apoptosis during neurogenesis. **Cell Death Dis** 12, 981. (蒋卫)
27. Wang, R., Huang, F., Wei, W., Zhou, Y., Ye, Z., Yu, L., Hu, J.*, **Cai, C.*** (2021). Programmed Cell Death Ligand 1 Is Enriched in Mammary Stem Cells and Promotes Mammary Development and Regeneration. **Front Cell Dev Biol**. 9, 772669. (蔡车国)
28. Lin, H., Feng, L., Cui, K.S., Zeng, L.W., Gao, D., Zhang, L.X., Xu, W.H., Sun, Y.H., **Shu, H.B.***, and **Li, S.*** (2021). The membrane-associated E3 ubiquitin ligase MARCH3 downregulates the IL-6 receptor and suppresses colitis-associated carcinogenesis. **Cell Mol Immunol**. (舒红兵、李姝)
29. Wang, A., Wang, J., Tian, K., Huo, D., Ye, H., ..., Zeng, T.*, **Liu, Y.***, **Zhou, Y.*** (2021). An epigenetic circuit controls neurogenic programs during neocortex development. **Development** 148, 22. (刘颖、周严)