

2019 年度研究院论文集选（按发表时间排序）

- 1、 **Hu, M.M.***, He, W.R., Gao, P., Yang, Q., He, K., Cao, L.B., Li, S., Feng, Y.Q., and **Shu, H.B.***(2019). Virus-induced accumulation of intracellular bile acids activates the TGR5-beta-arrestin-SRC axis to enable innate antiviral immunity. **Cell research** 29, 193-205.（胡明明、舒红兵）
- 2、 **Yin, H.***, Xue, W.*, and Anderson, D.G.*(2019). CRISPR-Cas: a tool for cancer research and therapeutics. **Nature reviews Clinical oncology** 16, 281-295.（殷昊）
- 3、 Zhang, H.X., **Zhang, Y.***, and **Yin, H.***(2019). Genome Editing with mRNA Encoding ZFN, TALEN, and Cas9. **Molecular therapy : the journal of the American Society of Gene Therapy** 27, 735-746.（张楹、殷昊）
- 4、 **Song, W.***, Kir, S., Hong, S., Hu, Y., Wang, X., Binari, R., Tang, H.W., Chung, V., Banks, A.S., Spiegelman, B., Perrimon, N.*(2019). Tumor-Derived Ligands Trigger Tumor Growth and Host Wasting via Differential MEK Activation. **Developmental cell** 48, 277-286 e276.（宋威）
- 5、 Ye, L., Zhang, Q., Liuyu, T., Xu, Z., Zhang, M.X., Luo, M.H., Zhu, Q., Lin, D.*, and **Zhong, B.***(2019). USP49 negatively regulates cellular antiviral responses via deconjugating K63-linked ubiquitination of MITA. **PLoS pathogens** 15, e1007680.（钟波）
- 6、 **Xiao, R.***, Chen, J.Y., Liang, Z., Luo, D., Chen, G., Lu, Z.J., Chen, Y., Zhou, B., Li, H., Du, X., Yang, Y., San, M., Wei, X., Liu, W., Lécuyer, E., Graveley, B.R., Yeo, G.W., Burge, C.B., Zhang, M.Q., Zhou, Y., and Fu, X.D.*(2019). Pervasive Chromatin-RNA Binding Protein Interactions Enable RNA-Based Regulation of Transcription. **Cell** 178, 107-121 e118.（肖锐）
- 7、 Lei, C.Q., Wu, X., Zhong, X., Jiang, L., Zhong, B., and **Shu, H.B.***(2019). USP19 Inhibits TNF- α -and IL-1 β -Triggered NF- κ B Activation by Deubiquitinating TAK1. **Journal of immunology** 203, 259-268.（舒红兵）
- 8、 Li, W., Shen, W., Zhang, B., Tian, K., Li, Y., Mu, L., Luo, Z., Zhong, X., Wu, X., **Liu, Y.***, and **Zhou, Y.***(2019). Long non-coding RNA LncKdm2b regulates

cortical neuronal differentiation by cis-activating Kdm2b. **Protein & cell**. (刘颖、周严)

- 9、 Lin, H., **Li, S.***, and **Shu, H.B.***(2019). The Membrane-Associated MARCH E3 Ligase Family: Emerging Roles in Immune Regulation. **Frontiers in immunology** 10, 1751. (李姝、舒红兵)
- 10、 Zhong, X., Feng, L., Xu, W.H., Wu, X., Ding, Y.D., Zhou, Y., Lei, C.Q.*, and **Shu, H.B.***(2019). The zinc-finger protein ZFYVE1 modulates TLR3-mediated signaling by facilitating TLR3 ligand binding. **Cellular & molecular immunology**. (舒红兵)
- 11、 Wang, J., Jiang, J., Chen, H., Wang, L., Guo, H., Yang, L., Xiao, D., **Qing, G.***, and **Liu, H.***(2019a). FDA-approved drug screen identifies proteasome as a synthetic lethal target in MYC-driven neuroblastoma. **Oncogene** 38, 6737-6751. (卿国良、刘胡丹)
- 12、 Geng, T., Zhang, D., and **Jiang, W.***(2019). Epigenetic Regulation of Transition Among Different Pluripotent States: Concise Review. **Stem cells** 37, 1372-1380. (蒋卫)
- 13、 Cao, P., Luo, W.W.*, Li, C., Tong, Z., Zheng, Z.Q., Zhou, L., Xiong, Y., and **Li, S.***(2019). The heterogeneous nuclear ribonucleoprotein hnRNPM inhibits RNA virus-triggered innate immunity by antagonizing RNA sensing of RIG-I-like receptors. **PloS pathogens** 15, e1007983. (李姝)
- 14、 Su, X., Tan, M., Duan, B., Cai, J.*, **Jiang, W.***, and Zhang, L.*(2019). Hierarchical microspheres with macropores fabricated from chitin as 3D cell culture. **Journal of materials chemistry B** 7, 5190-5198. (蒋卫)
- 15、 Li, Y.L., and **Jiang, W.***(2019). The path and surface marker of SC-beta cells. **Sci Bull** 64, 1122-1124. (蒋卫)
- 16、 Tan, M., Jiang, L., Li, Y., and **Jiang, W.***(2019). Dual Inhibition of BMP and WNT Signals Promotes Pancreatic Differentiation from Human Pluripotent Stem Cells. **Stem cells international** 2019, 5026793. (蒋卫)
- 17、 Luo, Z., Mu, L., Zheng, Y., Shen, W., Li, J., Xu, L., Zhong, B., **Liu, Y.***, and **Zhou, Y.***(2019c). NUMB enhances Notch signaling by repressing

ubiquitination of NOTCH intracellular domain. **Journal of molecular cell biology**. (刘颖、周严)

- 18、 **Zhang, J.**, Lee, Y.R., Dang, F., Gan, W., Menon, A.V., Katon, J.M., Hsu, C.H., Asara, J.M., Tibarewal, P., Leslie, N.R., Pandolfi, P. P. and Wei. W.*(2019). PTEN Methylation by NSD2 Controls Cellular Sensitivity to DNA Damage. **Cancer discovery** 9, 1306-1323. (张金方)
- 19、 Guo, W., Wei, J., Zhong, X., Zang, R., Lian, H., Hu, M.M., Li, S., **Shu, H.B.***, and **Yang, Q.***(2019). SNX8 modulates the innate immune response to RNA viruses by regulating the aggregation of VISA. **Cellular & molecular immunology**. (舒红兵、杨清)
- 20、 Wu, X., Lei, C., Xia, T., Zhong, X., Yang, Q., and **Shu, H.B.***(2019). Regulation of TRIF-mediated innate immune response by K27-linked polyubiquitination and deubiquitination. **Nature communications** 10, 4115. (舒红兵)
- 21、 Xia, T., Yi, X.M., Wu, X., Shang, J., and **Shu, H.B.***(2019). PTPN1/2-mediated dephosphorylation of MITA/STING promotes its 20S proteasomal degradation and attenuates innate antiviral response. **Proceedings of the National Academy of Sciences of the United States of America** 116, 20063-20069. (舒红兵)
- 22、 **Cai, C.**, Geng, A., Wang, M., Yang, L., Yu, Q.C.*, and Zeng, Y.A.*(2019). Amphiregulin mediates the hormonal regulation on Rspondin-1 expression in the mammary gland. **Developmental biology**. (蔡车国)
- 23、 **Hu, M.M.***, and **Shu, H.B.***(2019). Innate Immune Response to Cytoplasmic DNA: Mechanisms and Diseases. **Annual review of immunology** (胡明明、舒红兵)