

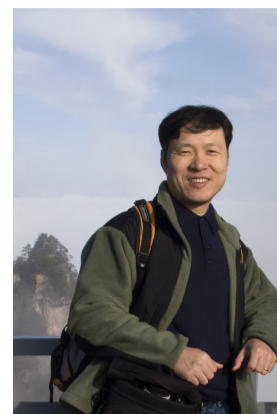
人才队伍

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专家人才

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简历:

1988-6/1992 北京大学 学士
1994-1/2000 美国罗格斯大学 (Rutgers University) 博士
2000 - 2/2000 美国罗格斯大学 (Rutgers University) 博士后
2000 - 8/2004 美国 Tularik 公司, 科学家, 助理科学家, 资深研究助理
2004 - 10/2005 美国 Amgen 公司, 资深科学家
2005 - 现在 中国科学院广州生物医药与健康研究院, 研究员

研究领域:

以结构生物学为主要手段, 紧密结合新药研发, 着眼于与人类重大疾病和重要生理功能相关的蛋白质及其复合体的结构与功能的关系, 阐明生物大分子与小分子化合物在结构与功能方面的分子作用机理, 为药物的分子设计提供思路; 同时, 通过解析生物大分子及其复合物的三维结构, 为药物设计提供一个分子水平上的模板。

承担科研项目情况:

1. 国家重点研发计划 (2017年), 项目负责人。
2. 973 (2012年, 2005年), 项目负责人。
3. 国家自然科学基金面上项目 (2018年、2016年、2012年、2009年), 项目负责人。
4. 国家自然科学基金联合基金项目 (2013年), 项目负责人。
5. 广东省自然科学基金团队项目 (2015), 项目负责人。
6. 广州市健康医疗协同创新重大专项 (2014), 项目负责人。

社会任职:

呼吸疾病国家重点实验室 副主任
广东省生物医药计算重点实验室 副主任

获奖及荣誉:

代表论著:

1. Xu T.*, Gan Q., Wu B., Yin M., Xu J., Shu X., Liu J.*. Molecular Basis for PI(3,5)P2 Recognition by SNX11, a Protein Involved in Lysosomal Degradation and Endosome Homeostasis Regulation. *J Mol Biol* 2020, 432(16): 4750-4761.
2. Xu J.#, Tang X.#, Zhu Y., Yu Z., Su K., Zhang Y., Dong Y., Zhu W., Zhang C., Wu R., Liu J.*. Structural studies reveal flexible roof of active site responsible for omega-a-transaminase CrmG overcoming by-product inhibition. *Commun Biol* 2020, 3(1): 455.
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4. Hussain, M.#, Adah, D.#, Tariq, M., Lu, Y., Zhang, J.* and Liu, J.* CXCL13/CXCR5 signaling axis in cancer. *Life Sci* 2019, 227, 175-186
5. Xu T, Zhou CZ, Xiao J.*, Liu J.* Unique Conformation in a Natural Interruption Sequence of Type XIX Collagen Revealed by Its High-Resolution Crystal Structure. *Biochemistry* 2018, 57(7): 1087-1095
6. Wang N, Zou Q, Xu J, Zhang J, Liu J.* Ligand binding and heterodimerization with retinoid X receptor alpha (RXRalpha) induce farnesoid X receptor (FXR) conformational changes affecting coactivator binding. *The Journal of biological chemistry* 2018, 293(47): 18180-18191
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13. Liu YQ[#], Wang XL[#], Cheng X[#], Lu YZ[#], Wang GZ[#], Li XC, Zhang J, Wen ZS, Huang ZL, Gao QL, Yang LN, Cheng YX*, Tao SC, **Liu J***, Zhou GB*. Skp1 in lung cancer: clinical significance and therapeutic efficacy of its small molecule inhibitors. *Oncotarget* 2015, 6(33): 34953-34967
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