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研究方向：病毒性疾病的免疫和分子致病机制；病毒和宿主细胞相互作用；病毒感染的天然免疫；新现病毒性病原

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工作经历

- 2009 - 南京大学 教授、博士生导师
- 2005 - 2009 戴维斯加州大学 Assistant Researcher/Project Scientist (PI)
- 2003 - 2004 柏克莱加州大学 Research Fellow
- 1990 - 1992 美国 斯克里普斯研究所 (The Scripps Research Institute) 访问学者
- 1987 - 1990 中国预防医学科学院病毒所 助理研究员

教育

- 2000 - 2003 柏克莱加州大学 博士后 淋巴细胞发育、感染免疫
- 1999 - 2000 宾夕法尼亚大学 博士后 细胞凋亡的分子机制
- 1993 - 1999 康乃尔大学 博士 微生物学和免疫学

部分发表论文

1. Chi Y, Zhu Y, Wen T, Cui L, Ge Y, Jiao YJ, Wu T, Ge A, Ji H, Xu K, Bao CJ, Zhu Z, Qi X, Wu B, Shi ZY, Tang FY, Xing Z, Zhou MH. 2013. Cytokine and chemokine levels in patients infected

2. Xing Z*, Scheffers J, Schwabenlander M, Jiao Y, Liang M, Qi X, et al. Novel H7N9 avian influenza A virus in China. *Journal of Infectious Diseases*. In press.

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3. Niu G, Li J, Liang M, Jiang X, Jiang M, Yin H, Wang Z, Li C, Zhang Q, Jin C, Wang X, Ding S, Xing Z, Wang S, Bi Z, Li D. 2013. Severe fever with thrombocytopenia syndrome virus among domesticated animals, China. *Emerging Infectious Diseases* 19(5):756-63. doi: 10.3201/eid1905.120245.

4. Adams S, Xing Z, Li J, Mendoza K, Perez D, Reed K, Cardona C. 2013. The effect of avian influenza virus NS1 allele on virus replication and innate gene expression in avian cells. *Molecular Immunology* 56(4):358-368. doi: 10.1016/j.molimm. PMID: 23911391

5. Chi C, Sun Q, Wang S, Zhang Z, Li X, Cardona CJ, Jin Y, Xing Z*. 2013. Robust antiviral responses to enterovirus 71 infection in human intestinal epithelial cells. *Virus Research* doi:pil: S0168-1702(13)00149-4. PMID:23685430

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10. Li Y, Cao H, Dao N, Luo Z, Yu H, Chen Y, Xing Z, Baumgarth N, Cardona C, Chen X. 2011. High-throughput neuraminidase substrate specificity study of human and avian influenza A viruses. *Virology* 415(1):12-9.

11. Xing Z*, Harper R, Anunciacion J, Yang Z, Gao W, Qu B, Guan Y, Cardona CJ. 2011. Host immune and apoptotic responses to avian influenza virus H9N2 in human tracheobronchial epithelial cells. *American Journal of Respiratory Cell & Molecular Biology* 44(1):24-33.

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13. Xing Z* and Cardona CJ. 2009. Preexisting immunity in human populations to novel influenza A (H1N1) virus. *Emerging Infectious Diseases* 15(11):1847-9.

Featured in:

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15. Xing Z*, CJ Cardona, S Adams, ZQ. Yang, JL Li, D Perez and PR Woolcock. 2009. Differential Regulation of Antiviral and Proinflammatory Cytokines and Suppression of Fas-mediated Apoptosis by NS1 of H9N2 Avian Influenza Virus in Chicken Macrophages. *Journal of General Virology* 90(5): 1109-18.

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21. Xing Z and Schat KA. 2000. Inhibitory effect of nitric oxide and interferon-gamma on the replication of Marek's disease virus. *Journal of Virology* 74(8):3605-3612.

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科研项目:

1、国家自然科学基金面上项目: H9N2亚型禽流感病毒感染人呼吸道诱导细胞凋亡机制的研究 (2010.1 – 2012.12)

2、医药生物技术国家重点实验室开放研究基金: MAPK激酶对禽流感病毒感染禽类宿主炎症反应机制的调控 (2010.1 – 2011.12)

3、US Department of Homeland Defense: Center for Foreign Animal Zoonotic Disease Control (2007.7 – 2010.6): Avian Influenza Expression Signature, Pathogenesis, and Immune Epitope Studies.

教学

病原生物学 2011-2012 秋季 医学院本科 (Coordinator: 李尔广教授)
细胞微生物学 2011-2012 春季 基础医学研究生 (Coordinator: 李尔广教授)
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获奖情况:

7.2003 - 6.2005 Ruth L. Kirschstein National Research Service Award (NRSA), NIH
9.2000 - 8.2001 Henry Wheeler Postdoctoral Fellowship

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