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(../..../rcjy/kzyjy/)

● 首页 (<http://www.gibh.cas.cn>) >> 中文 (../..../) >> 专家人才 (../..../)

专家人才

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简历:

教育经历

2011.9-2011.7 中国科学院广州生物医药与健康研究院, 博士
2006.9-2010.6 中国科学技术大学 生命科学学院, 硕士
2002.9-2006.6 合肥工业大学 生物技术系, 学士

工作经历

2015.7-至今 中国科学院广州生物医药与健康研究院, 助理研究员、副研究员
2010.7-2011.8 中国科学院广州生物医药与健康研究院, 研究实习生

研究领域:

新陈代谢是所有生物学过程的核心, 包括免疫细胞的分化、增殖和免疫功能的维持; 代谢紊乱会导致免疫功能障碍和疾病进展。

- (1) 肝脏脂质组装、分泌的分子机制;
- (2) 脂质稳态对免疫细胞功能和免疫重塑的影响;
- (3) 分泌型磷脂酶A2调控呼吸道病毒感染及免疫反应。

承担科研项目情况:

- (1) 国家自然科学基金面上项目 (项目负责人, 2020年)
- (2) 广东省自然科学基金面上项目 (项目负责人, 2020年、2019年)
- (3) “十三五”国家科技重大专项 (任务负责人, 2018年)
- (4) 国家重点研发计划 (任务负责人, 2017年)

代表论著:

(# 共同第一作者, * 共同通讯作者)

1. Qihong Yan[#], Pingchao Li[#], Xianmiao Ye[#], Xiaohan Huang[#], Bo Feng, Tianxing Ji, Zhilong Chen, Feng Li, Yudi Zhang, Kun Luo, Fengjuan Chen, Xiaoneng Mo, Jianhua Wang, Liqiang Feng, Fengyu Hu, Chunliang Lei, **Linbing Qu**^{*}, Ling Chen^{*}. Longitudinal Peripheral Blood Transcriptional Analysis Reveals Molecular Signatures of Disease Progression in COVID-19 Patients. **Journal of Immunology**, 2021, 206: 2146-2159.
2. Qihong Yan[#], Ping He[#], Xiaohan Huang[#], Kun Luo, Yudi Zhang, Haisu Yi, Qian Wang, Feng Li, Ruitian Hou, Xiaodi Fan, Pingchao Li, Xinglong Liu, Hua n Liang, Yijun Deng, Zhaoming Chen, Yunfei Chen, Xiaoneng Mo, Liqiang Feng, Xiaoli Xiong, Song Li, Jian Han, **Linbing Qu**^{*}, Xuefeng Niu^{*}, Ling Chen^{*}. Germline IGHV3-53-encoded RBD-targeting neutralizing antibodies are commonly present in the antibody repertoires of COVID-19 patients. **Emerging Microbes & Infections**, 2021, 10: 1097-1111.
3. Shengnan Zhang, Changhua Yi, Fan Zhang, Weiqi Pan, Chufang Li, Jiaojiao Peng, Qian Wang, Xinglong Liu, Min Wu, Xianmiao Ye, Pingchao Li, Qihong Yan, Wenjing Guo, Xuefeng Niu, Liqiang Feng, **Linbing Qu**^{*}, Ling Chen^{*}. Chloroquine inhibits endosomal viral RNA release and autophagy-dependent viral replication and is effective in preventing maternal to fetus Zika virus transmission. **Antiviral Research**, 2019, 169: 104547.
4. Longhui Chen[#], Min Wu[#], Shengnan Zhang, Wenjuan Tan, Min Guan, Liqiang Feng, Chen Chen, Jun Tao, Ling Chen^{*}, **Linbing Qu**^{*}. Estrogen-related receptor gamma regulates hepatic triglyceride metabolism through phospholipase A2 G12B. **FASEB Journal**, 2019, 33(7), 7942-7952.
5. Xuefeng Niu[#], Lingzhai Zhao[#], **Linbing Qu**, Zhipeng Yao, Fan Zhang, Qihong Yan, Shengnan Zhang, Renshan Liang, Peihai Chen, Jia Luo, Wei Xu, Huibin Lv, Xinglong Liu, Hui Lei, Changhua Yi, Pingchao Li, Qian Wang, Yang Wang, Lei Yu, Xiaoyan Zhang, L. Aubrey Bryan, Edgar Davidson, Benjamin Doranz, Liqiang Feng, Weiqi Pan^{*}, Fuchun Zhang^{*}, Ling Chen^{*}. Convalescent patient derived monoclonal antibodies targeting different epitopes of E protein confer protection against Zika virus in a neonatal mouse model. **Emerging Microbes & Infections**, 2019, 8:749-760.
6. Xinglong Liu[#], **Linbing Qu**[#], Xianmiao Ye[#], Changhua Yi, Xuehua Zheng, Mingli Hao, Wan Su, Zhipeng Yao, Peihai Chen, Shengnan Zhang, Yupeng Feng, Qian Wang, Qihong Yan, Pingchao Li, Heying Li, Feng Li, Weiqi Pan, Xuefeng Niu, Ruian Xu, Liqiang Feng^{*}, Ling Chen^{*}. Incorporation of NS1 and p rM/M are important to confer effective protection of adenovirus-vectored Zika virus vaccine carrying E protein. **npj Vaccines**, 2018, 3:29-36.
7. Feng Li^{#,*}, Peirong Wang[#], **Linbing Qu**[#], Changhua Yi, Fuchun Zhang, Xiaoping Tang, Liguozhang, Ling Chen^{*}. AXL is not essential for Zika virus infection in the mouse brain. **Emerging Microbes & Infections**, 2017, 6: e16-e17.
8. Hui Zhi, **Linbing Qu**, Fang Wu, Ling Chen^{*}, Jun Tao^{*}. Group IIE Secretary Phospholipase A2 Regulates Lipolysis in Adipocytes. **Obesity**, 2015, 23: 760-768.

9. Xinlei Li[#], Hanfang Jiang[#], **Linbing Qu**, Wenxia Yao, Hua Cai, Ling Chen, Tao Peng*. Hepatocyte Nuclear Factor 4 α and Downstream Secreted Phospholipase A2 GXIIB Regulate Production of Infectious Hepatitis C Virus. **Journal of Virology**, 2014, 88: 612-627.
10. Min Guan[#], **Linbing Qu**[#], Wenjuan Tan, Ling Chen*, Chi-wai Wong*. Hepatocyte nuclear factor-4 alpha regulates liver triglyceride metabolism in part through secreted phospholipase A2 GXIIB. **Hepatology**, 2011, 53: 458-464.

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科研机构

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