

CURRICULUM VITAE

BIOGRAPHICAL

Name: Li Hua **Gender:** male

Date of Birth: Mar 09, 1987

Business Address: Department of Immunology,
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EDUCATION

2011.9-2016.12 Ph.D. Cancer Immunotherapy (mentor: Yongli Yu, Ph.D & Liying Wang, Ph.D.) Department of Immunology&Molecular Biology, Jilin University, China

2005.9-2010.6 Bachelor, clinical laboratory medicine, Hebei North University, China

LABORATORY SKILLS

Cell culture related skills, Flow Cytometry, Immunofluorescent assay, Cell viability detection, fluorescence microscopy

Manipulation and analysis of DNA and RNA, DNA cloning, Gene transfection, quantitative PCR, PCR, CRISPR/Cas9 system

Animal handling, Establishment of subcutaneous and intracranial tumors in mice, Collection of body fluids and organs, Isolation of lymphoid node cells and splenocytes, Subcutaneous and tail intravenous injection of drug, immune cell killing assay

Construction and expression of recombinant protein in Escherichia coli BL21 (DE3), Fermentation of engineering bacteria, Conventional chromatography purification, SDS-PAGE, Lowry protein assay, Bradford protein assay, Western Blot, ELISA, Co-immunoprecipitation

Virus amplification and toxicity detection, Virus inactivation, VSV protection assay

PUBLICATIONS

- [1]. **Hua L**, Fang M, Dong B, Guo S, Cui C, Liu J, Yao Y, Xiao Y, Li X, Ren Y, Meng X, Hao X, Zhao P, Song Y, Wang L, Yu Y. Attribution of NKG2DL to the inhibition of early stage allogeneic tumors in mice. Oncotarget. 2016 Jul 19.
- [2]. Ren Y, **Hua L**, Meng X, Xiao Y, Hao X, Guo S, Zhao P, Wang L, Dong B, Yu Y, Wang L. Correlation of Surface Toll-Like Receptor 9 Expression with IL-17 Production in Neutrophils during Septic Peritonitis in Mice Induced by E. coli. Mediators Inflamm. 2016;2016:3296307.
- [3]. Xu Y, Liu J, **Hua L**, Xiao Y, Tian Y, Guo S, Zhang X, He C, Wang L, Yu Y. An immune regulatory CCT repeat containing

- oligodeoxynucleotide capable of causing hair loss in male mice. *Hum Exp Toxicol*. 2016 Jan 12.
- [4].Guo S, Li X, Wan M, **Hua L**, Xiao Y, Dong B, Liu J, Diao W, Yu Y, Wang L. Impact of Fighting on Antibody Response to Hepatitis B Virus Vaccine in Mice. *Viral Immunol*. 2015 Sep 29.
- [5].Fang M, Diao W, Dong B, Wei H, Liu J, **Hua L**, Zhang M, Guo S., et al. Detection of the Assembly and Disassembly of PCV2b Virus-Like Particles Using Fluorescence Spectroscopy Analysis. *Intervirology*. 2015; 58(5):318-23.
- [6].Wei H, Fang M, Wan M, Wang H, Zhang P, Hu X, Wu X, Yang M, Zhang Y, Zhou L, Jiao C, **Hua L**, Diao W, Xiao Y, Yu Y, Wang L. Influence of hydrophilic amino acids and GC-content on expression of recombinant proteins used in vaccines against foot-and-mouth disease virus in *Escherichia coli*. *Biotechnol Lett*. 2014 Apr;36(4):723-9.

REFERENCES

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Big family in our lab

