



## Chunfeng Li

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#### EDUCATION AND CERTIFICATIONS

- Doctor, Chinese Academy of Science , Biology (2013)

### Publications

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#### PUBLICATIONS

- **Mechanisms of innate and adaptive immunity to the Pfizer-BioNTech BNT162b2 vaccine.** *Nature immunology*  
Li, C., Lee, A., Grigoryan, L., Arunachalam, P. S., Scott, M. K., Trisal, M., Wimmers, F., Sanyal, M., Weidenbacher, P. A., Feng, Y., Adamska, J. Z., Valore, E., Wang, et al  
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- **The single-cell epigenomic and transcriptional landscape of immunity to influenza vaccination in humans**  
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- **Systems vaccinology of the BNT162b2 mRNA vaccine in humans.** *Nature*  
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2021
- **Type-II Interferon-Inducible SERTAD3 Inhibits Influenza A Virus Replication by Blocking the Assembly of Viral RNA Polymerase Complex.** *Cell reports*  
Sun, N., Li, C., Li, X., Deng, Y., Jiang, T., Zhang, N., Zu, S., Zhang, R., Li, L., Chen, X., Liu, P., Gold, S., Lu, et al  
2020; 33 (5): 108342
- **Zika Virus Infection Leads to Variable Defects in Multiple Neurological Functions and Behaviors in Mice and Children.** *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*  
Zhao, Z., Shang, Z., Vasconcelos, Z., Li, C., Jiang, Y., Zu, S., Zhang, J., Wang, F., Yao, L., Jung, J. U., Brasil, P., Moreira, M. E., Qin, et al

2020; 7 (18): 1901996

- **Zika Virus Infection Leads to Variable Defects in Multiple Neurological Functions and Behaviors in Mice and Children** *ADVANCED SCIENCE*  
Zhao, Z., Shang, Z., Vasconcelos, Z., Li, C., Jiang, Y., Zu, S., Zhang, J., Wang, F., Yao, L., Jung, J. U., Brasil, P., Moreira, M., Qin, et al  
2020
- **Azithromycin Protects against Zika virus Infection by Upregulating virus-induced Type I and III Interferon Responses.** *Antimicrobial agents and chemotherapy*  
Li, C., Zu, S., Deng, Y., Li, D., Parvatiyar, K., Quanquin, N., Shang, J., Sun, N., Su, J., Liu, Z., Wang, M., Aliyari, S. R., Li, et al  
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- **Treatment of Human Glioblastoma with a Live Attenuated Zika Virus Vaccine Candidate.** *mBio*  
Chen, Q., Wu, J., Ye, Q., Ma, F., Zhu, Q., Wu, Y., Shan, C., Xie, X., Li, D., Zhan, X., Li, C., Li, X. F., Qin, et al  
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- **E90 subunit vaccine protects mice from Zika virus infection and microcephaly.** *Acta neuropathologica communications*  
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- **Development of a chimeric Zika vaccine using a licensed live-attenuated flavivirus vaccine as backbone** *NATURE COMMUNICATIONS*  
Li, X., Dong, H., Wang, H., Huang, X., Qiu, Y., Ji, X., Ye, Q., Li, C., Liu, Y., Deng, Y., Jiang, T., Cheng, G., Zhang, et al  
2018; 9: 673
- **25-Hydroxycholesterol Protects Host against Zika Virus Infection and Its Associated Microcephaly in a Mouse Model.** *Immunity*  
Li, C., Deng, Y. Q., Wang, S., Ma, F., Aliyari, R., Huang, X. Y., Zhang, N. N., Watanabe, M., Dong, H. L., Liu, P., Li, X. F., Ye, Q., Tian, et al  
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- **Screening for Novel Small-Molecule Inhibitors Targeting the Assembly of Influenza Virus Polymerase Complex by a Bimolecular Luminescence Complementation-Based Reporter System.** *Journal of virology*  
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- **Integrating computational modeling and functional assays to decipher the structure-function relationship of influenza virus PB1 protein.** *Scientific reports*  
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- **A peptide derived from the C-terminus of PB1 inhibits influenza virus replication by interfering with viral polymerase assembly.** *The FEBS journal*  
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