

# Stanford

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## Ke Jin

Postdoctoral Research Fellow, Immunology and Rheumatology

### Bio

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#### PROFESSIONAL EDUCATION

- Bachelor of Science, Fudan University (2011)
- Doctor of Philosophy, University of Miami (2017)

#### STANFORD ADVISORS

- Cornelia Weyand, Postdoctoral Faculty Sponsor
- Cornelia Weyand, Postdoctoral Research Mentor

### Publications

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#### PUBLICATIONS

- **The DNA Repair Nuclease MRE11A Functions as a Mitochondrial Protector and Prevents T Cell Pyroptosis and Tissue Inflammation.** *Cell metabolism*  
Li, Y., Shen, Y., Jin, K., Wen, Z., Cao, W., Wu, B., Wen, R., Tian, L., Berry, G. J., Goronzy, J. J., Weyand, C. M.  
2019
- **N-myristoyltransferase deficiency impairs activation of kinase AMPK and promotes synovial tissue inflammation.** *Nature immunology*  
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2019
- **Notch Represses Transcription by PRC2 Recruitment to the Ternary Complex.** *Molecular cancer research*  
Han, X., Ranganathan, P., Tzimas, C., Weaver, K. L., Jin, K., Astudillo, L., Zhou, W., Zhu, X., Li, B., Robbins, D. J., Capobianco, A. J.  
2017
- **The Small Molecule IMR-1 Inhibits the Notch Transcriptional Activation Complex to Suppress Tumorigenesis** *CANCER RESEARCH*  
Astudillo, L., da Silva, T. G., Wang, Z., Han, X., Jin, K., VanWye, J., Zhu, X., Weaver, K., Oashi, T., Lopes, P. E., Orton, D., Neitzel, L. R., Lee, et al  
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- **Arsenic Attenuates GLI Signaling, Increasing or Decreasing its Transcriptional Program in a Context-Dependent Manner** *MOLECULAR PHARMACOLOGY*  
Li, B., Giambelli, C., Tang, B., Winterbottom, E., Long, J., Jin, K., Wang, Z., Fei, D. L., Nguyen, D. M., Athar, M., Wang, B., Subbarayan, P. R., Wang, et al  
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- **Notch Signaling Drives Stemness and Tumorigenicity of Esophageal Adenocarcinoma** *CANCER RESEARCH*  
Wang, Z., da Silva, T. G., Jin, K., Han, X., Ranganathan, P., Zhu, X., Sanchez-Mejias, A., Bai, F., Li, B., Fei, D. L., Weaver, K., Vasquez-Del Carpio, R.,  
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2014; 74 (21): 6364-6374
- **NACK Is an Integral Component of the Notch Transcriptional Activation Complex and Is Critical for Development and Tumorigenesis** *CANCER RESEARCH*  
Weaver, K. L., Alves-Guerra, M., Jin, K., Wang, Z., Han, X., Ranganathan, P., Zhu, X., DaSilva, T., Liu, W., Ratti, F., Dennarest, R. M., Tzinnas, C., Rice, et al  
2014; 74 (17): 4741-4751