

Curriculum Vitae

Huimin Zhang

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EDUCATION

- 2009.7-2014.9 Ph.D. in Biochemistry and Molecular Biology
University of California, Los Angeles, CA
- 2005.9-2009.6 B.S. in Pharmaceutical Sciences
Xiangya Medical School, Changsha, China

RESEARCH

- 2017.2-present **Postdoctoral Fellow**, Stanford University, Palo Alto, CA
Study how differential TCR signaling shapes T cell epigenetics by ATAC-seq;
Study the molecular mechanism of age-blunted TCR signaling
Advisor: Jörg Goronzy, M.D., Ph.D.
- 2015.7-2017.1 **Research Associate**, The Scripps Research Institute, La Jolla, CA
Investigate the role of MRE11 in maintaining genome stability
Advisor: Xiaohua Wu, Ph.D.
- 2009.7-2014.9 **Graduate student**, Department of Chemistry and Biochemistry, UCLA, CA
Investigate molecular mechanisms of eukaryotic messenger RNA transcription
termination
Advisors: Harold G. Martinson, Ph.D. (chair), Michael F. Carey, Ph.D., and Steven G.
Clarke, Ph.D.
- 2008.10-2009.6 **Internship**, State Key Lab of Medical Genetics of China
Determine SNPs in 3 Parkinson's Disease-associated genes HTRA2, Parkin, and ATP
Advisor: Zhuohua Zhang, Ph.D.

PUBLICATIONS

1. Jin J, Li X, Hu B, Kim C, Cao W, Zhang H, Weyand CM, Goronzy JJ. FOXO1 deficiency impairs proteostasis in aged T cells. *Sci Adv*. 2020;6(17):eaba1808.
2. Yanes RE, Zhang H, Shen Y, Weyand CM, Goronzy JJ. Metabolic reprogramming in memory CD4 T cell responses of old adults. *Clin Immunol*. 2019;207:58-67.
3. Kim C, Hu B, Jadhav RR, Jin J, Zhang H, Cavanagh MM, Akondy RS, Ahmed R, Weyand CC, Goronzy JJ. Activation of miR-21-Regulated Pathways in Immune Aging Selects against Signatures Characteristic of Memory T Cells. *Cell Rep*. 2018;25(8):2148-2162.e5.
4. Wang H, Li S, Zhang H, Wang Y, Hao S, Wu X. BLM prevents instability of structure-forming DNA sequences at common fragile sites. *PLoS Genet*. 2018;14(11):e1007816.
5. Zhang H, Rigo F, Martinson HG. Poly(A) Signal-Dependent Transcription Termination Occurs through a Conformational Change Mechanism that Does Not Require Cleavage at the Poly(A) Site. *Mol Cell*. 2015;59(3):437-448.

INVITED PRESENTATIONS

- Dec 9, 2016 2nd SoCal Genome Stability Symposium, TSRI, San Diego
- April 27, 2014 2014 ASBMB Annual meeting, RNA Processing and Transcription Session, San Diego
- Jan 25, 2014 2013-14 MBI Annual Retreat, UCLA

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AWARDS

2014	ASBMB Thematic Best Poster Award & Graduate/Postdoctoral Travel Award
2013-2014	Philip Whitcome Pre-doctoral Fellowship
2013	Roberts A. Smith Research Award
2011	Samson H. Cheng Biochemistry Teaching Award
2009	UCLA University Fellowship
2009-2013	National Scholarship by Chinese Scholarship Council