



UNIVERSITY of MARYLAND SCHOOL OF MEDICINE

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Education and Training

M.D, Anhui Medical University (Clinical Medicine)

Ph.D., University of Iowa School of Medicine (Mentor: Dr. Ramesh Bhalla)

Postdoctoral Fellow, University of Iowa School of Medicine (Mentor: Dr. James Christensen).

Postdoctoral Fellow, Research Fellow and Staff Scientist, National Cancer Institute (Mentor: Dr. Allan M. Weissman).

Highlighted Publications

Liu L, Liu C, Zhong Y, Apostolou A, Fang S. [ER stress response during the differentiation of H9 cells induced by retinoic acid](#). Biochem Biophys Res Commun. 2012 Jan 13;417(2):738-43.

Liu A, Gong P, Hyun SW, Wang KZ, Cates EA, Perkins D, Bannerman DD, Puché AC, Toshchakov VY, Fang S, Auron PE, Vogel SN, Goldblum SE. [TRAF6 Protein Couples Toll-like Receptor 4 Signaling to Src Family Kinase Activation and Opening of Paracellular Pathway in Human Lung Microvascular Endothelia](#). J Biol Chem. 2012 May 11;287(20):16132-45. Epub 2012 Mar 23. PMID: PMC3351307

- Xu M, Chen G, Fu W, Liao M, Frank JA, Bower KA, Fang S, Zhang Z, Shi X, Luo J. [Ethanol disrupts vascular endothelial barrier: implication in cancer metastasis](#). Toxicol Sci. 2012 May;127(1):42–53. PMID: PMC3327869
- Zhong Y, Fang S. [Live Cell Imaging Of Protein Dislocation From The Endoplasmic Reticulum](#). J Biol Chem. 2012 Aug 10;287(33):28057–66. PMID: PMC3431711
- Chen Z, Du S, Fang S. [gp78: a multifaceted ubiquitin ligase that integrates a unique protein degradation pathway from the endoplasmic reticulum](#). Curr Protein Pept Sci. 2012 Aug 1;13(5):414–24.
- Chen Q, Zhong Y, Wu Y, Liu L, Wang P, Liu R, Cui F, Li Q, Yang X, Fang S, Xie Q. [HRD1-mediated ERAD tuning of ER-bound E2 is conserved between plants and mammals](#). Nat Plants. 2016 Jun 20;2:16094.
- Wu T, Chen W, Zhong Y, Hou X, Fang S, Liu CY, Wang G, Yu T, Huang YY, Ouyang X, Li HQ, Cui L, Yang Y. [Nuclear Export of Ubiquitinated Proteins Determines the Sensitivity of Colorectal Cancer to Proteasome Inhibitor](#). Mol Cancer Ther. 2017 Apr;16(4):717–728.
- Feng L, Zhang J, Zhu N, Ding Q, Zhang X, Yu J, Qiang W, Zhang Z, Ma Y, Huang D, Shen Y, Fang S, Yu Y, Wang H, Shen Y. [Ubiquitin ligase SYVN1/HRD1 facilitates degradation of the SERPINA1 Z variant/α-1-antitrypsin Z variant via SQSTM1/p62-dependent selective autophagy](#). Autophagy. 2017 Apr 3;13(4):686–702. PMID: PMC5388218
- Sun J, Wang D, Guo L, Fang S, Wang Y, Xing R. [Androgen Receptor Regulates the Growth of Neuroblastoma Cells in vitro and in vivo](#). Front Neurosci. 2017 Mar 7;11:116. PMID: PMC5339338
5. Bao D, Cheng C, Lan X, Xing R, Chen Z, Zhao H, Sun J, Wang Y, Niu C, Zhang B, Fang S. [Regulation of p53wt glioma cell proliferation by androgen receptor-mediated inhibition of small VCP/p97-interacting protein expression](#). Oncotarget. 2017 Apr 4;8(14):23142–23154. PMID: PMC5410292
6. Zhong Y, Wang J, Henderson MJ, Yang P, Hagen BM, Siddique T, Vogel BE, Deng HX, Fang S. [Nuclear export of misfolded SOD1 mediated by a normally buried NES-like sequence reduces proteotoxicity in the nucleus](#). eLife. 2017 May 2;6. pii: e23759. PMID: PMC5449186

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