

## Feng Zhou, Ph.D.

Position: Primary Investigator

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### Education

1996.09-2000.06	Bachelor	Fudan University
2002.07-2007.07	Doctor	University of Delaware

### Professional Experience

2007.07-2014.07	Research Fellow	Harvard Medical School
2014.08-present	Primary Investigator	Fudan University

### Academic Society

2003.01-present	Member	American Chemical Society
2004.07-present	Member	American Society for Mass Spectrometry

### Publications

1. Liu X, Zhang Y, Chen Y, Li M, Zhou F\*, Li K, Cao H, Ni M, Liu Y, Gu Z, Dickerson KE, Xie S, Hon GC, Xuan Z, Zhang MQ, Shao Z, Xu J\*. *In Situ* Capture of Chromatin Interactions by Biotinylated dCas9. *Cell*. 170(5): 1028-1043. (\* **Corresponding author** )
2. Liu X, Zhang Y, Ni M, Cao H, Signer RAJ, Li D, Li M, Gu Z, Hu Z, Dickerson KE, Weinberg SE, Chandel NS, DeBerardinis RJ, Zhou F\*, Shao Z\*, Xu J\*. Regulation of mitochondrial biogenesis in erythropoiesis by mTORC1-mediated protein translation. *Nat Cell Biol*. 2017; 19(6): 626-638. ( **\*Corresponding author** )
3. Lin Z, Li S, Feng C, Yang S, Wang H, Ma D, Zhang J, Gou M, Bu D, Zhang T, Kong X, Wang X, Sarig O, Ren Y, Dai L, Liu H, Zhang J, Li F, Hu Y, Padalon-Brauch G, Vodo D, Zhou F, Chen T, Deng H, Sprecher E, Yang Y, Tan X. Stabilizing mutations of KLHL24 ubiquitin ligase cause loss of keratin 14 and human skin fragility. *Nat Genet*. 2016; 48(12): 1508-1516.
4. Norberg E, Lako A, Chen P-H, Stanley IA, Zhou F, Ficarro SB, Chapuy B, Chen L, Rodig S, Shin D. Differential contribution of the mitochondrial translation pathway to the survival of diffuse large B-cell lymphoma subsets. *Cell Death & Differentiation*. 2016.
5. Zhou F, Lu Y, Ficarro SB, Adelmant GO, Luckey CJ, Marto JA. Genome-scale proteome quantification by DEEP SEQ mass spectrometry. *Nature Communications*. DOI: 10.1038/ncomms3171.
6. Zhou F, Lu Y, Ficarro SB, Webber JT, Marto JA. A nanoflow low pressure high peak capacity single

dimension LC-MS/MS platform for high throughput in-depth analysis of mammalian proteomes.

*Analytical Chemistry*. 2012; 84(11): 5133-5139.

7. Caro P, Kishan AU, Norberg, E, Stanley IA, Chapuy B, Ficarro SB, Polak K, Tondera D, Gounarides J, Yin H, Green MR, Zhou F, Chen LF, Monti S, Marto JA, Shipp MA, Danial NN. Metabolic Signatures Uncover Distinct Targets in Molecular Subsets of Diffuse Large B Cell Lymphoma. *Cancer Cell* 2012;22, 547-560.