

CURRICULUM VITAE

Personal Information			
Name	Shutong XU	Gender	female
Position Title	Professor		
Working Department	Collage of Life Science & Technology		
Email	xushutong@mail.hzau.edu.cn		
Address			
Tel		Fax	
Research Interest			
Structure and mechanism of action of enzymes Biological nitrogen fixation Extracellular signal sensing and transmission			
Professional Memberships			
Other Roles			
Education & Working Experience			
2017-present. Professor. College of Life Science and Technology, Huazhong Agricultural University 2013-2017. Postdoc. Dana-Farber Cancer Institute, Harvard Medical School 2007-2013.PhD. Institute of Biochemistry and Cell Biology, Shanghai Academy of Biosciences, Chinese Academy of Sciences 2003-2007. B.A. College of Life Science and Technology, Huazhong University of Science and technology			
Publications			



1. Li X, Singh NK, Collins DR, Ng R, Zhang A, Lamothe-Molina PA, Shahinian P, Xu S, Tan K, Piechocka-Trocha A, Urbach JM, Weber JK, Gaiha GD, Takou Mbah OC, Huynh T, Cheever S, Chen J, Birnbaum M, Zhou R, Walker BD, Wang JH. Molecular basis of differential HLA class I-restricted T cell recognition of a highly networked HIV peptide. *Nat Commun.* 2023 May 22;14(1):2929.
2. Zhu L, Wei X, Cong J, Zou J, Wan L, Xu S#. Structural insights into mechanism and specificity of the plant protein O-fucosyltransferase SPINDLY. *Nature Communications*, 2022, 13(1): 7424-7436
3. Tao W#, Lei H, Luo W, Huang Z, Ling P, Guo M, Wan L, Zhai K, Huang Q, Wu Q, Xu S, Zeng L, Wang X, Dong Z, Rich J, Bao S#. NIR Drives Glioblastoma Growth by Promoting Ribosomal DNA Transcription in Glioma Stem Cells. *Neuro-Oncology*, 2022, XX(XX): 1-13.
4. Tao W#, Lei H, Luo W, Huang Z, Ling P, Guo M, Wan L, Zhai K, Huang Q, Wu Q, Xu S, Zeng L, Wang X, Dong Z, Rich J, Bao S#. NIR Drives Glioblastoma Growth by Promoting Ribosomal DNA Transcription in Glioma Stem Cells. *Neuro-Oncology*, 2022, XX(XX): 1-13.