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Biography

Dr. Ying Zhang received her Ph.D. degree from Fudan University in 2009. She then worked as an assistant professor at the Institutes of Biomedical Sciences in Fudan University and promoted to the associate professor in 2012 and full professor in 2018. During 2017.1.1-2017.12.31, she worked as a visiting scholar at the Department of Biochemistry in Purdue University. Her research interest is mainly focuses on developing novel approaches for the analysis of protein glycosylation using mass spectrometry and their application in biomedical sciences. She has published more than 40 peer reviewed papers, including *Angew Chem Int Ed*, *Chem Sci*, *Anal Chem*, *Chem Commun*, *Chem Sov Rev*, and et al.

Selected Publications:

- 1 **Ying Zhang***, Der-Shyang Kao, Bing Gu, Rajdeep Bomjan, Mayank Srivastava, Haojie Lu, Daoguo Zhou, W. Andy Tao* Tracking pathogen infection by time-resolved chemical proteomics. *Angew. Chem. Int. Ed.*, **2020**, 59, 2235–2240. (Inside Cover)
- 2 Lijun Yang, Lei Zhang, Ye Peng, Yan Cai, Ting Cao, **Ying Zhang*** and Haojie Lu* Chemical labeling for fine mapping of IgG N-glycosylation by ETD MS. *Chem. Sci.*, **2019**, 10, 9302-9307
- 3 Lijun Yang, Xiaoxian Du, Ye Peng, Yan Cai, Lei Wei, **Ying Zhang*** and Haojie Lu* Integrated pipeline of isotopic labeling and selective enriching for quantitative analysis of N-Glycome by mass spectrometry. *Anal. Chem.*, **2019**, 91, 1486-1493.
- 4 Lei Wei, Yan Cai, Lijun Yang, **Ying Zhang*** and Haojie Lu* Duplex stable isotope labeling (DuSIL) for simultaneous quantitation and distinction of sialylated and neutral N-glycans by MALDI-MS. *Anal. Chem.*, **2018**, 90, 10442-10449.
- 5 **Ying Zhang**, Cheng Zhang, Hucong Jiang, Pengyuan Yang, Haojie Lu*. Fishing the PTM proteome with chemical approaches using functional solid phases. *Chem Soc Rev*, **2015**, 44, 8260-8287.