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Education

2007.09-2012.06	Ph.D.	China Pharmaceutical University, Nanjing, China
2003.09-2007.07	B.Sc.	China Pharmaceutical University, Nanjing, China

Professional Experience

2012.08-2015.04	Post doc	Vanderbilt University, TN, US

Academic Society

2016.01-2020.12	Member	CNHUPO
2017.08-2019.08	Member	ASBMB

Publications (*corresponding authors, †equal contribution)

1. Tian C, Fu L, Liu K, Sun R, Yang Y, Yang J*. Multiplexed Thiol Reactivity Profiling for Target Discovery of Electrophilic Natural Products. Cell Chem Biol 24(11):1416-1427
2. Sun R†, Fu L†, Liu K, Tian C, Yang Y, Tallman KA, Porter NA, Liebler DC, Yang J*. Chemoproteomics Reveals Chemical Diversity and Dynamics of 4-Oxo-2-nonenal Modifications in Cells. Mol Cell Proteomics, 2017, 16:1789-1800 (Editors' Highlight)
3. Fu L†, Liu K†, Sun M, Sun R, Tian C, Bentanzos C, Tallman KA, Porter NA, Yang Y, Guo D, Liebler DC, Yang J*. Systematic and quantitative assessment of hydrogen peroxide reactivity with cysteines across human proteomes. Mol Cell Proteomics, 2017, 16:1815-1828
4. Gupta V†, Yang J†, Liebler DC, Carroll KS*. Diverse redoxome reactivity profiles of carbon nucleophiles. J Am Chem Soc, 2017, 139: 5588−5595
5. Sun R, Shi F, Liu K, Fu L, Tian C, Yang Y, Tallman KA, Porter NA, Yang J*. A chemoproteomic platform to assess bioactivation potential of drugs. Chem Res Toxicol. 2017, 30: 1797-1803
6. Tian C, Liu K, Sun R, Fu L, Yang J*. Chemoproteomics Reveals Unexpected Lysine/Arginine-Specific Cleavage of Peptide Chains as a Potential Protein Degradation Machinery. Anal Chem. 2017 (in press)
7. Yang J*, Carroll KS, Liebler DC. The expanding landscape of the thiol proteome. Mol Cell Proteomics, 2016, 15: 1-11
8. Yang J, Tallman KA, Porter NA, Liebler DC*. Quantitative chemoproteomics for site-specific analysis of protein alkylation by 4-hydroxy-2-nonenal in cells. Anal Chem. 2015, 87: 2535-41 (Editors' Highlight)
9. Yang J, Gupta V, Tallman KA, Porter NA, Carroll KS, Liebler DC*. Global, in situ, site-specific analysis of protein S-sulphenylation. Nat Protoc. 2015, 10: 1022-37
10. Yang J, Gupta V, Carroll KS, Liebler DC*. Site-specific mapping and quantification of protein S-sulphenylation in cells. Nat Commun. 2014, 5: 4776