



<https://doi.org/10.17952/37EPS.2024.P1025>

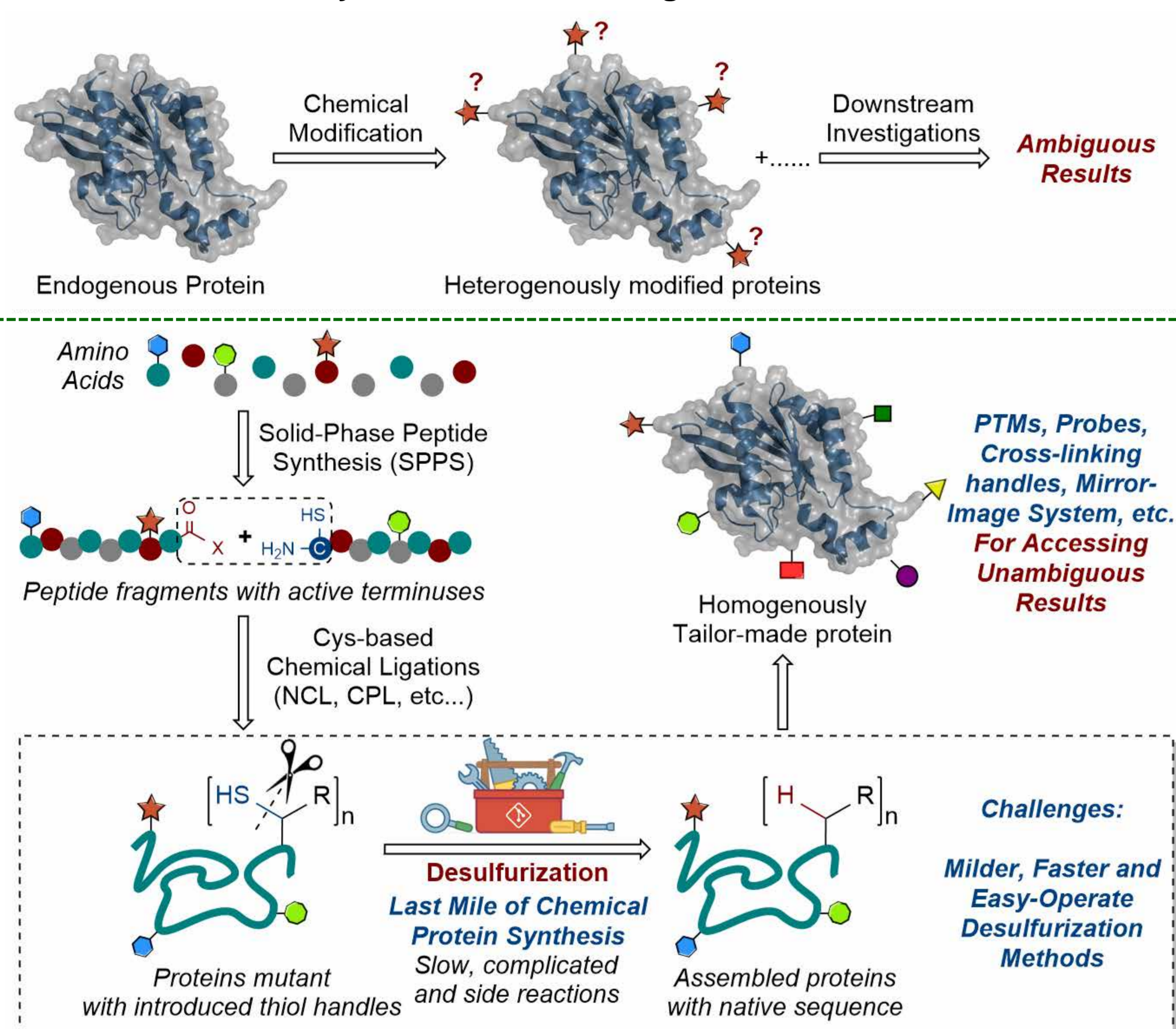
# Superfast Desulfurization for Protein Chemical Synthesis and Modification

Zhenquan Sun<sup>1</sup>, Yihui Cao<sup>1</sup>, Xuechen Li<sup>1,\*</sup>

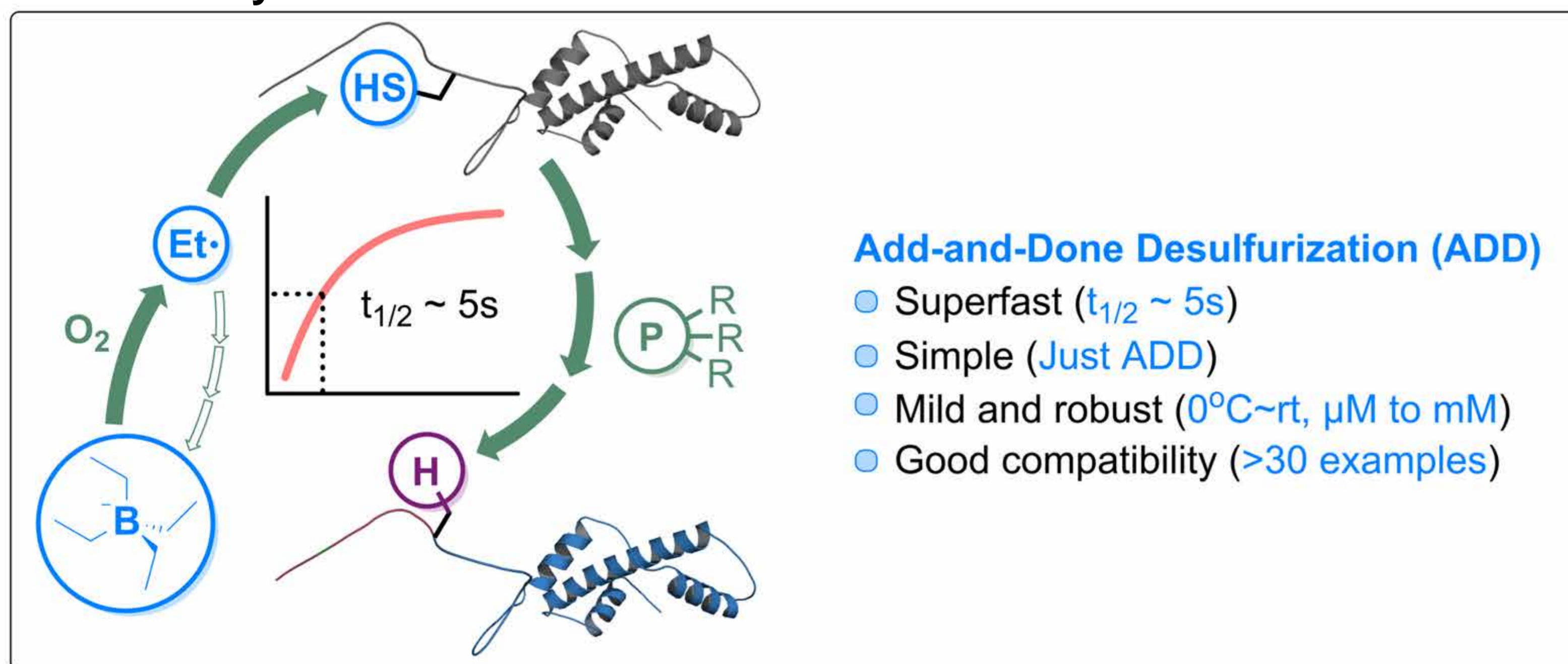
<sup>1</sup>Department of Chemistry, State Key Laboratory of Synthetic Chemistry, University of Hong Kong, Hong Kong SAR, P. R. China (xuechenl@hku.hk)

## 1. Introduction

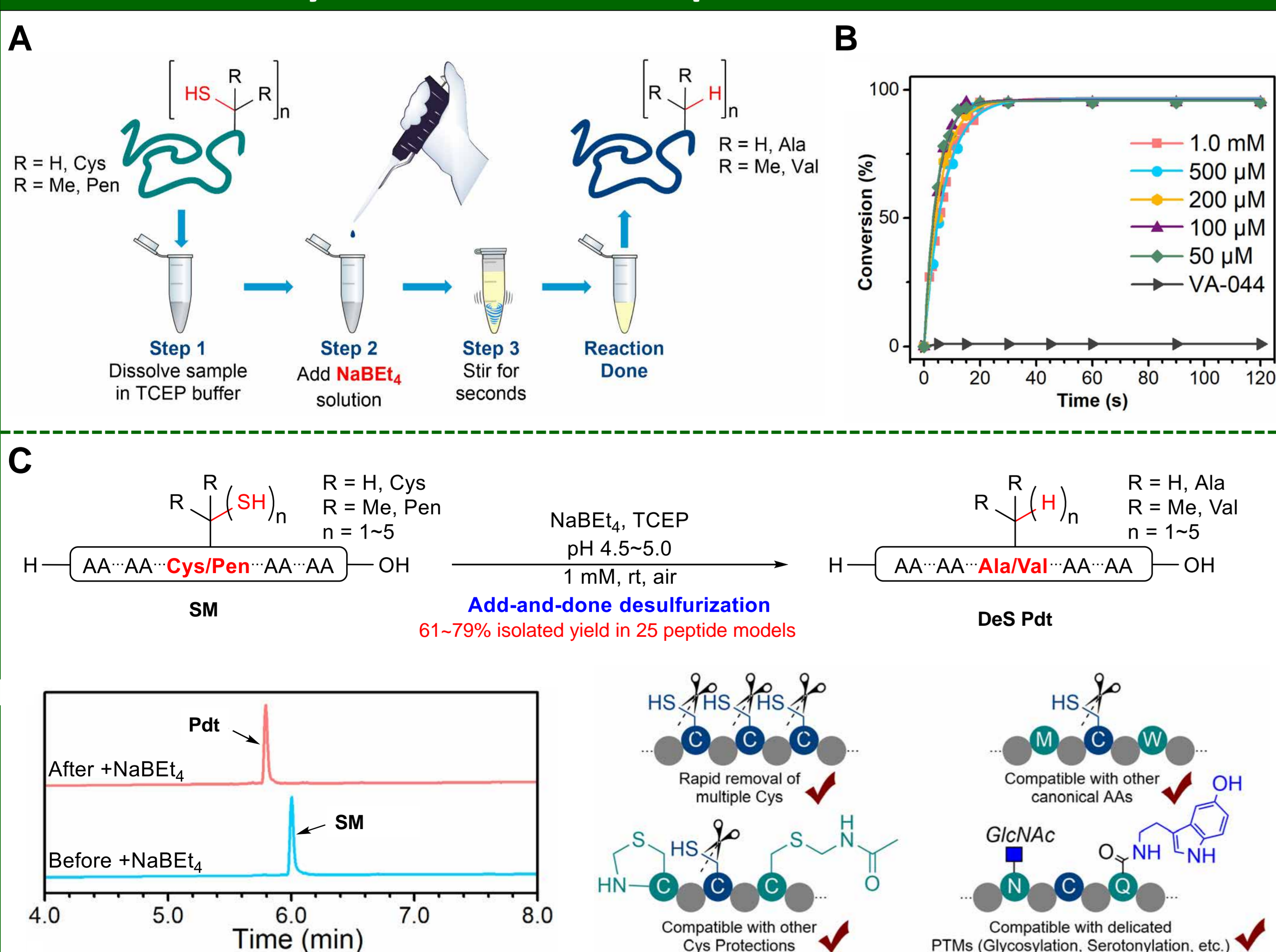
### A Chemical Protein Synthesis and Challenges of Desulfurization



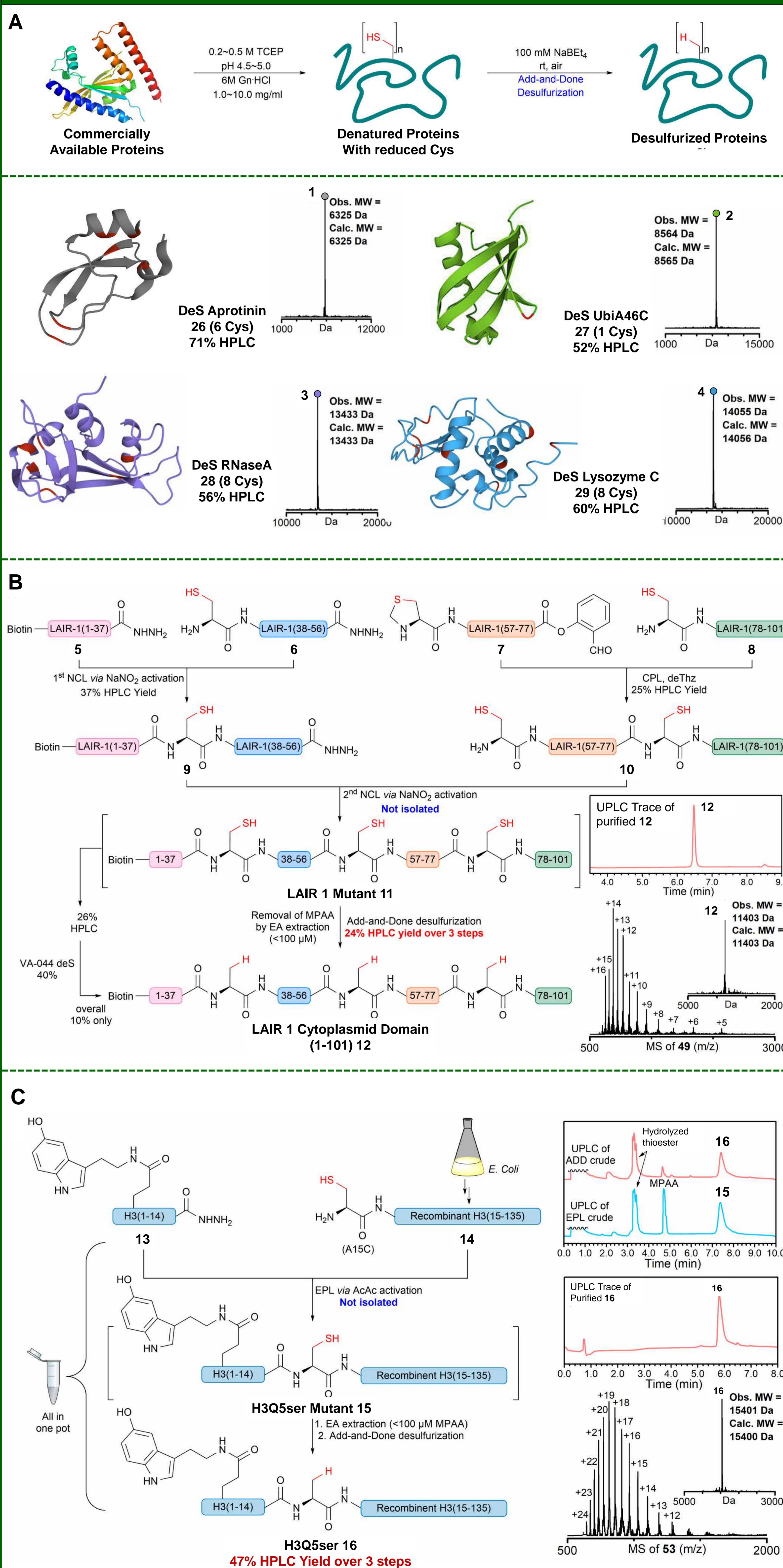
### B This study



## 2. Kinetic Study and Substrate Scope Examination



## 3. Application in Protein Modification and Protein Synthesis



## 4. Reference

- Sun, Z., Li, X.\*, et al. *Chem* 2022, 8, 2543-2557.
- Sun, Z., Wei, T., Cao, Y., Li, X.\* *STAR Proctoc.* 2023, 4, 102042.

Scan QR code to access the superfast desulfurization paper

