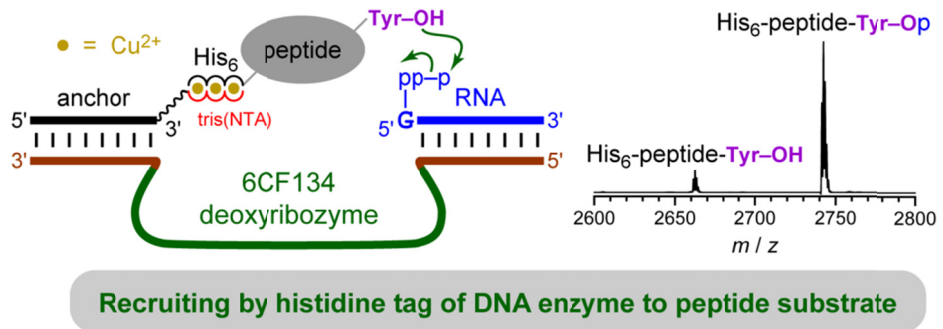


## Graphical Abstract



We evaluate the ability of hexahistidine tags to recruit deoxyribozymes for covalently modifying peptides and proteins.