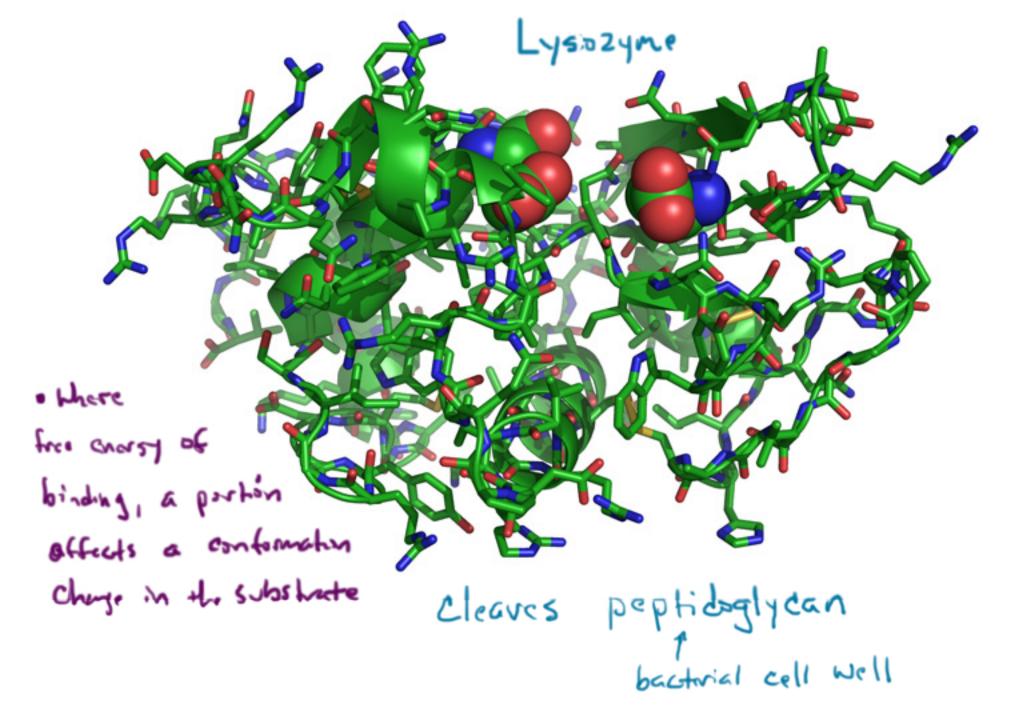


Enzyme Mechanisms

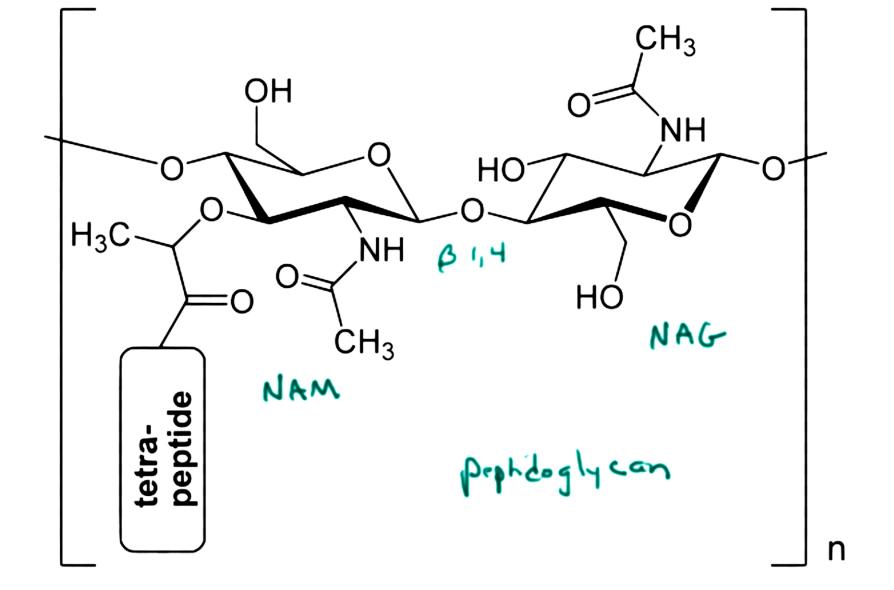
Session Slides with Notes

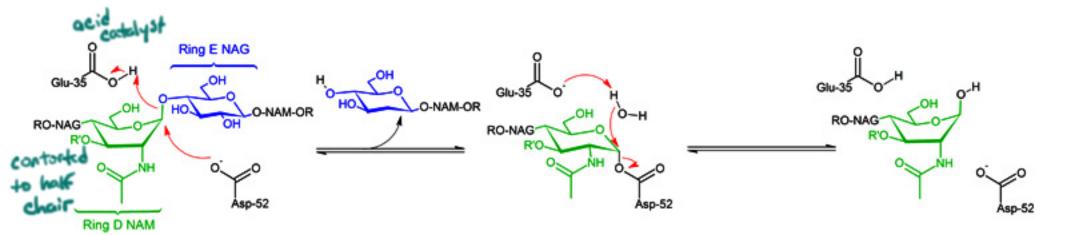
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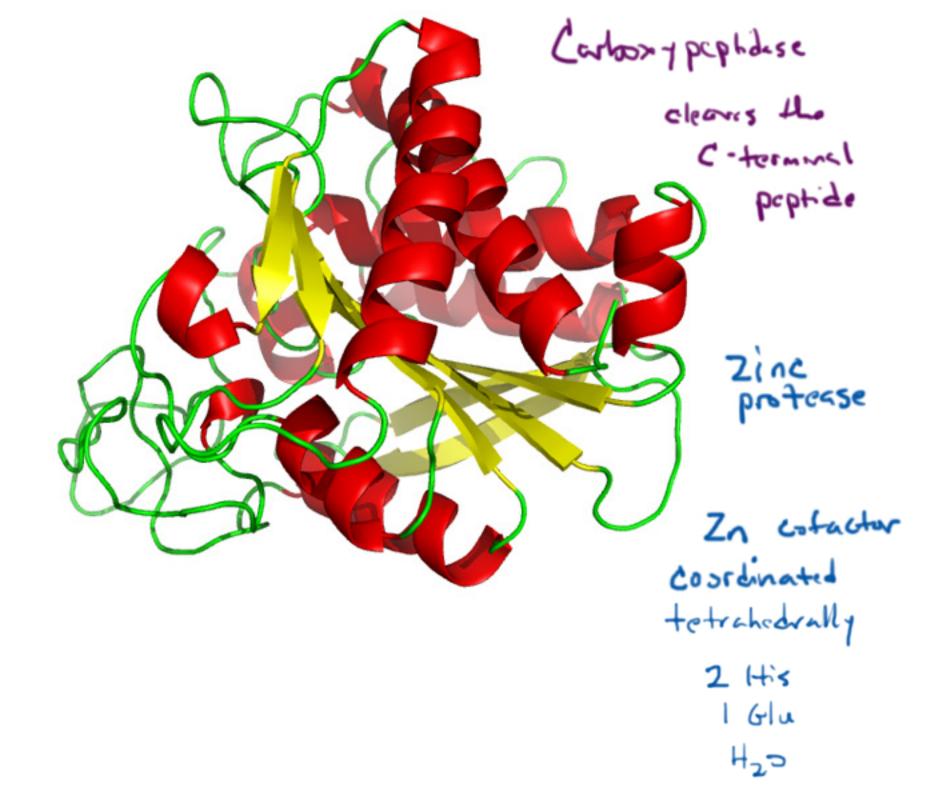


pept do glycan - long corbohydrate chairs
- NAG - N-acetyl glucosamine
- NAM - N-acetyl muranic acid
crosslaked with tetra paptors



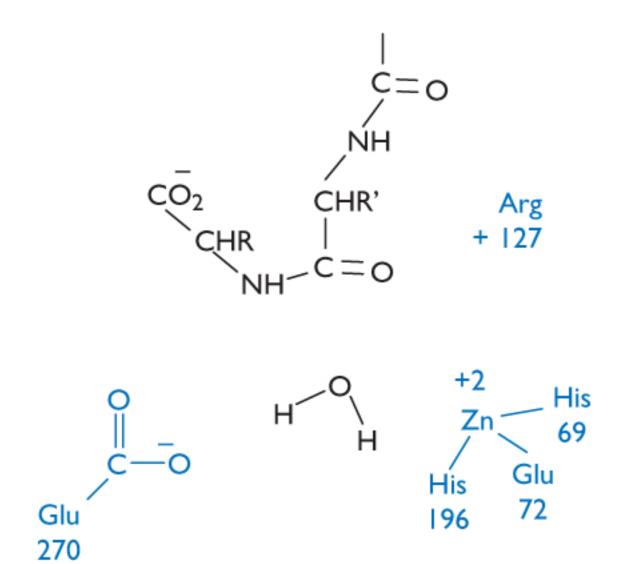


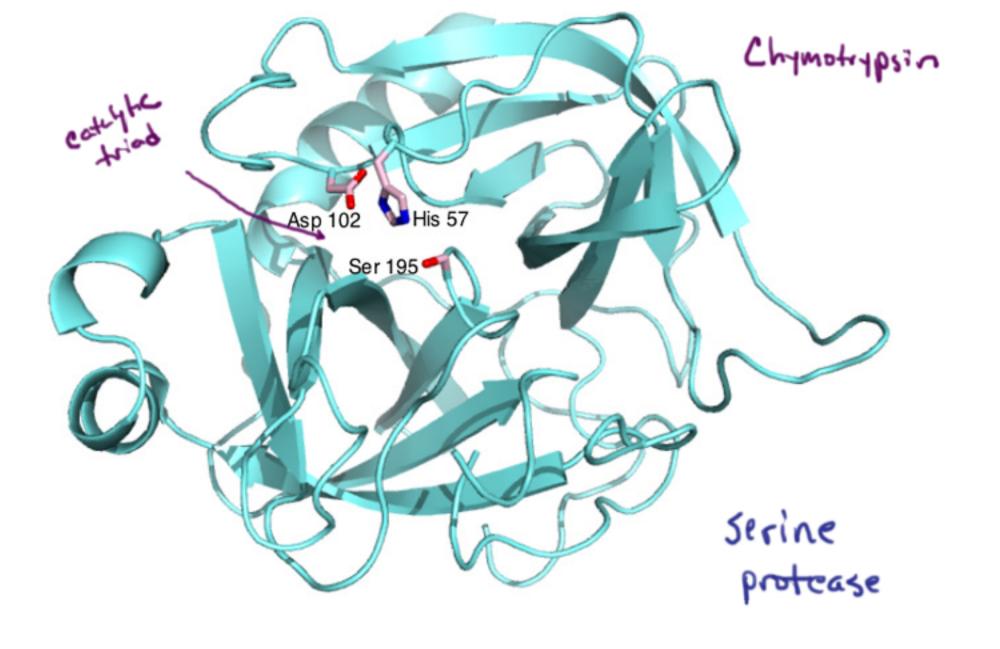
R = cell wall oligosaccharide chain R' = cell wall peptide side chain



Hydolysis of Amide

Nucleophiliz
Acyl Substitution





Chymotrypsin

aromatic, bulky residue



Trypsin

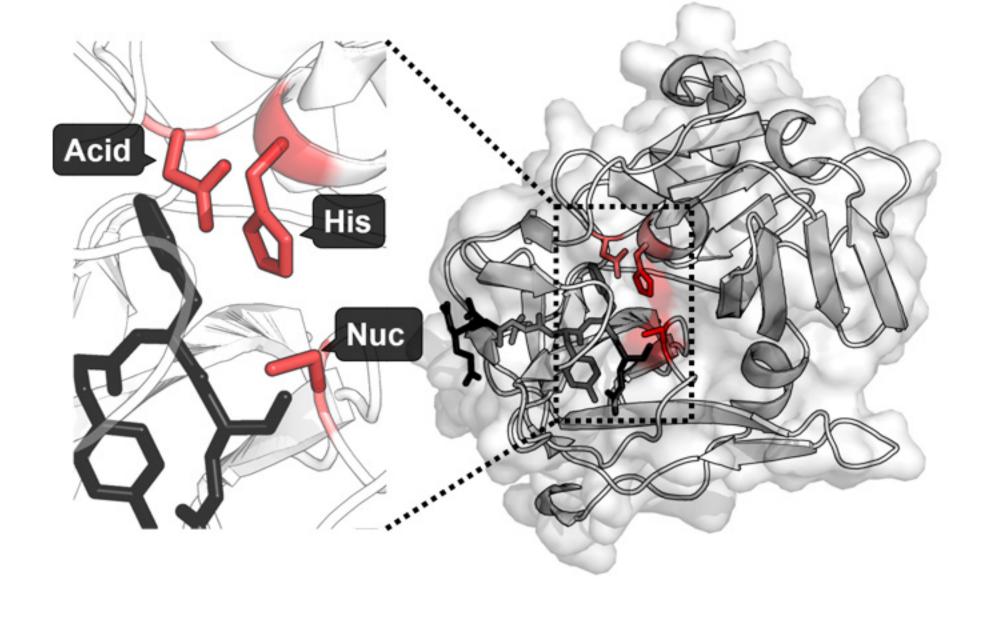
lysine or arginine



Elastase

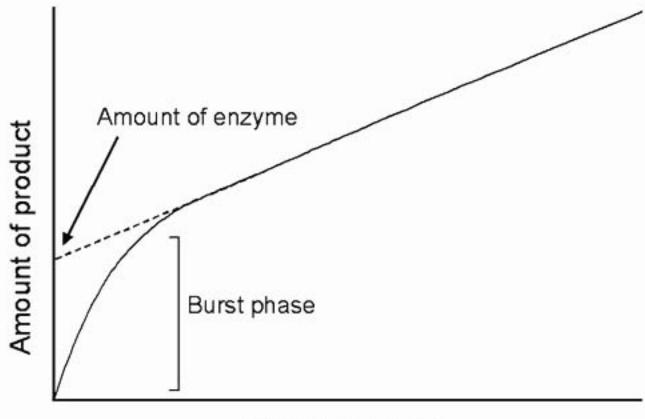
smaller, uncharged residue





201 Autoghilic ceyl

Hydrolysis of enzyme ester



Time (seconds)