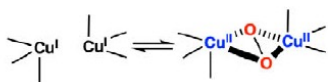


a

Coupled binuclear copper (CBC) proteins

Hemocyanins

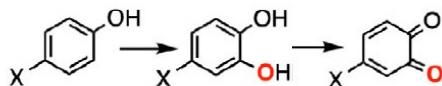
O₂ transportation



Polyphenol oxidases

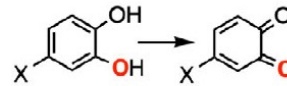
Tyrosinases

Monooxygenase + 2 e⁻ oxidation
EC 1.14.18.1



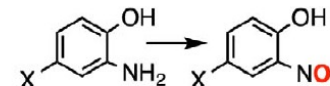
Catechol oxidases

2 e⁻ oxidation
EC 1.10.3.1



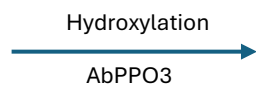
O-Aminophenol oxidase

C-nitrosation
EC 1.10.3.4

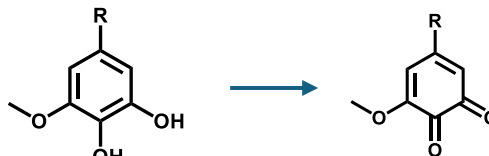
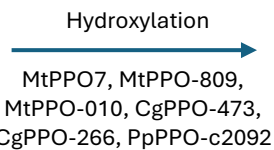


b

P-Coumaroyl unit (H)



Guaiacyl unit (G)



Syringyl unit (S)

