

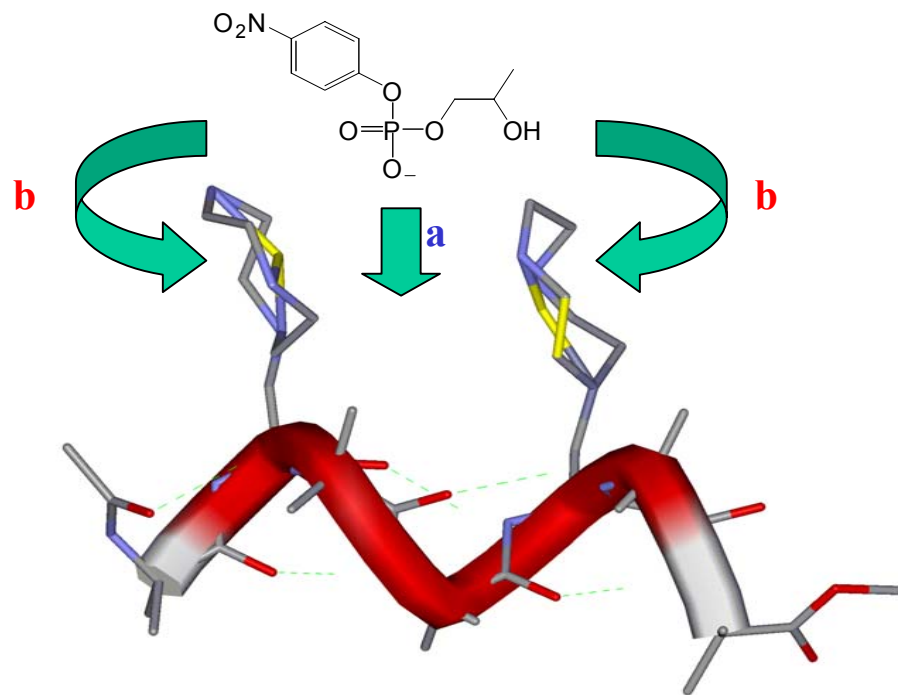
Recent examples of phosphatase models:

a) a dinuclear Zn(II) heptapeptide

b) a tripodal polypeptide template with allosteric control

Binding mode a: cooperativity between the two metal ions

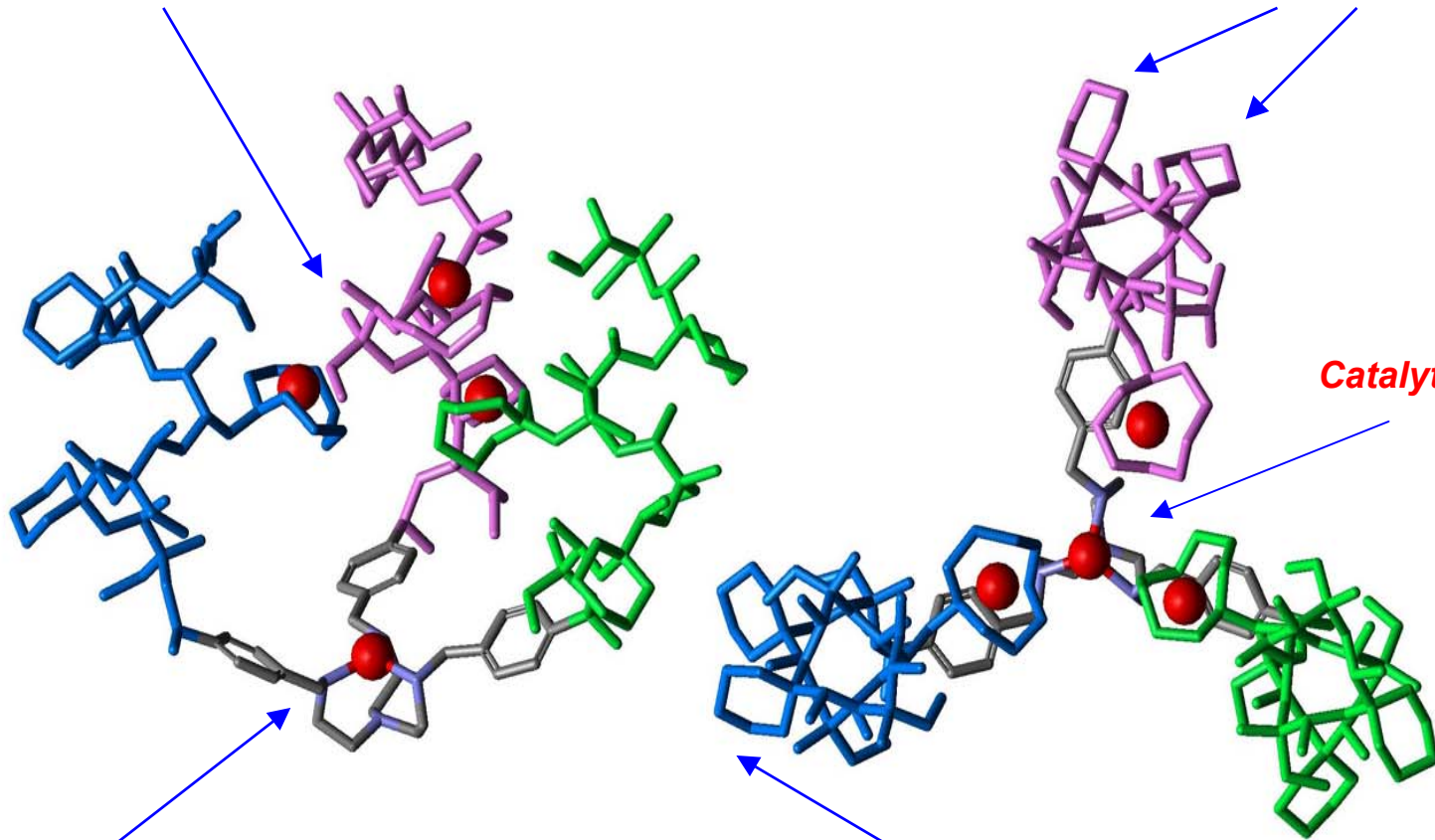
Binding mode b: no cooperativity



Design: Tripodal Peptide Template

Metals with catalytic role

Ammonium groups



Catalytic site

Metal with structural role

Ammonium groups