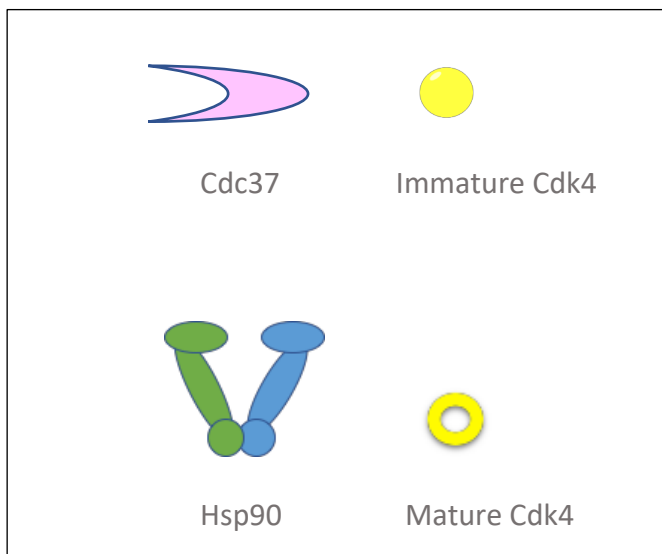
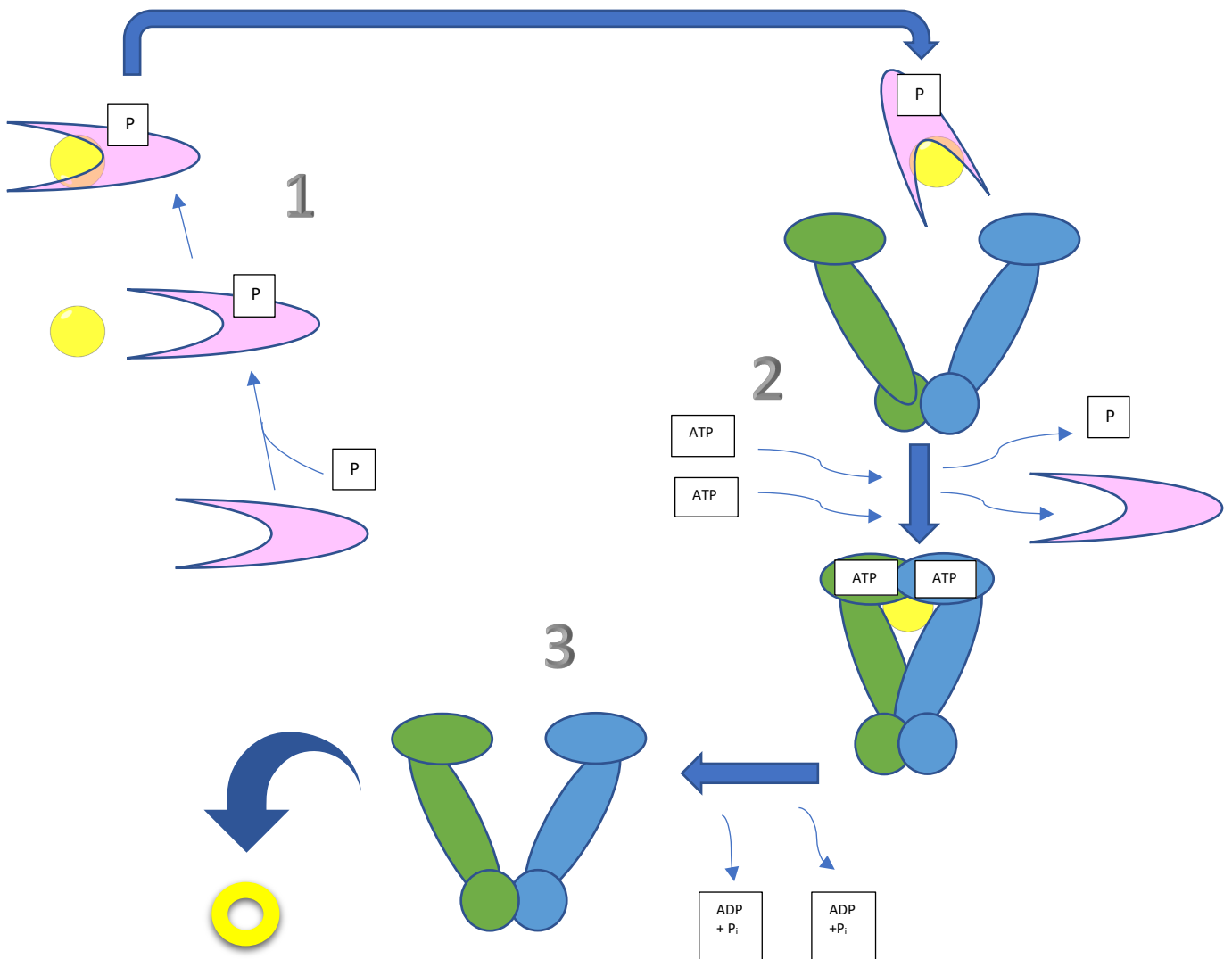


Proposed Hsp90-Cdc37-Cdk4 mechanism



1. Cdc37 gets phosphorylated and binds with Cdk4.
2. Cdc37-Cdk4 complex is attracted to open conformation of Hsp90. One ATP each bind to NTDs of Hsp90 forming closed conformation around client. Cdc37 is dephosphorylated and releases from complex.
3. ATP is hydrolyzed to ADP and P_i is released resulting in Hsp90 open conformation and Cdk4 is released.