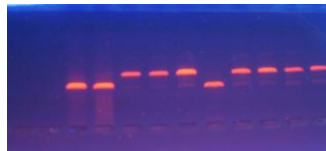


# Understanding biology at the molecular level

Glimpses of some of the macromolecular systems investigated at BARC



Gene cloning/expression



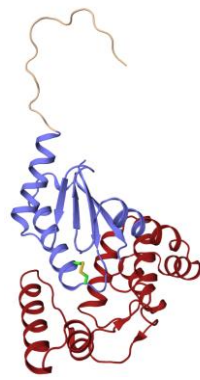
Protein purification



Crystallization



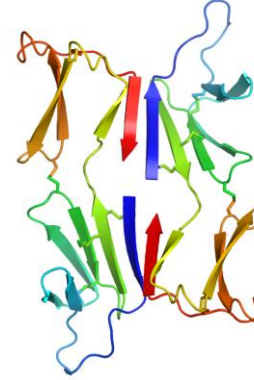
X-ray diffraction



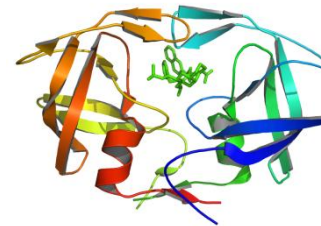
FrnE  
Oxidoreductase



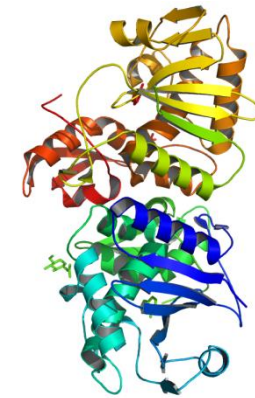
SPAP:  
Bacterial phosphatase



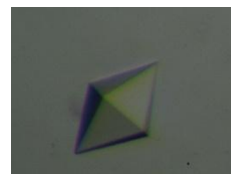
PSP94: Human  
semen protein



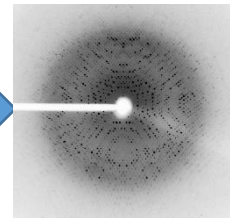
HIV1-protease



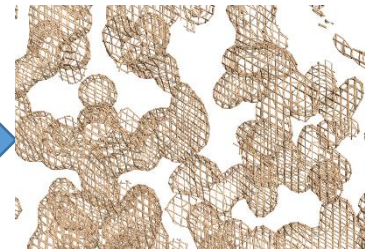
Gelonin: a ribosome  
inactivating protein



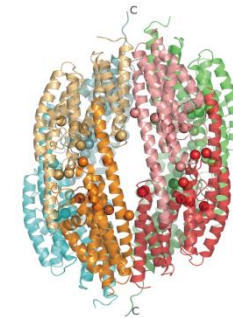
Crystal



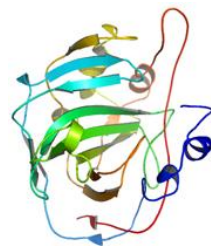
Diffraction pattern



Electron density map



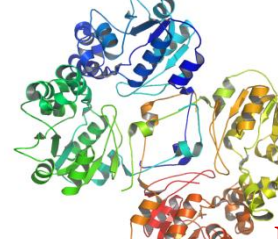
Drosophila Translin



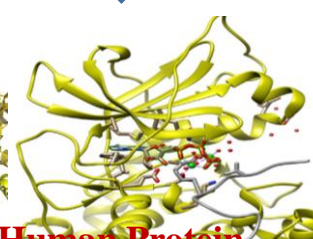
Human  
carbonic  
anhydrase



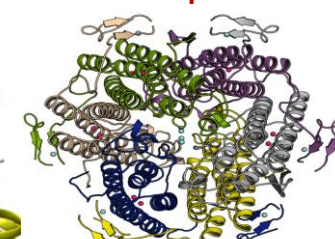
Hen egg white  
lysozyme



Phon: Bacterial  
phosphatase



Human Protein  
Kinase A



KatB: Mn catalase