**Course: Advance Bio Informatics**

**Module Title: Structural Biology & Drugs**

**Module No:161**

Structural Biology & drugs has following   
1. Identification of protein targets  
2. Drug designing  
3. Candidate drug screening  
   
  
**Structural Biology**Structural genomics is to produce the 3D structures of every protein encoded by a given genome.

**3-D Structures of Protein**

* X-ray crystallography
* NMR spectroscopy
* Accurate prediction of druggable targets and validation.

**Structure Based Drugs**

* + Aluviran
  + Capoten
  + Exanta
  + Gleevec
  + Tamiflu
  + Trusopt