## **CompoundHunter Drug Discovery Process**



Stage 1

**Your Protein(s)** 

You provide us the protein name, sequence or PDB

We can employee ab initio or homology modeling

Stage 2

**Our Ligands or Yours** 

11,000+ or your selected ligands

FDA & EMA Approved, Experimental Drugs or your ligand names, SDF or PDB



Stage 3

**CompoundHunter Docking** 

Docking of each ligand one by one using our proprietary AutoDock Pipeline



Stage 4

**Binding Affinities of Each Ligand** 

CSV, PDF, PNG Reports We provide extensive reports of each ligand's binding affinity against your protein(s)

Stage 5

Top 10 Compounds





• 1 Protein: 29.99\$

• 2 Proteins: 49.99\$

2+ Proteins: Email us

## We have drugs:

• Cancer therapeutics

• Antibiotic research

• Plant-based drugs

To avail docking services compoundhunter@biocode.org.uk

Binding Pose Figures

