

Interesting Web Sites for Protein Structural Analysis:

Protein Data Bank: (Proteins, Nucleic Acids, etc.)

<http://www.rcsb.org/>

Cambridge Structure Database: (Peptides, Ligands, Small Organics, etc.)

<http://webcscd.ccdc.cam.ac.uk/>

CATH Structure Classification: (Christine Orengo)

<http://www.cathdb.info/>

SCOP Structure Classification: (Arthur Lesk)

<http://scop2.mrc-lmb.cam.ac.uk/>

PredictProtein Secondary Structure Prediction: (Burkhard Rost)

<http://www.predictprotein.org/>

PSI-BLAST Sequence Alignment: (Position-Specific Iterated BLAST, NIH)

<http://blast.ncbi.nlm.nih.gov/>

VAST Structure-Structure Similarity Search:

<http://structure.ncbi.nlm.nih.gov/Structure/VAST/>

Dali Protein Structure Comparison Server: (Liisa Holm)

http://ekhidna.biocenter.helsinki.fi/dali_server/

MODELLER Homology Modeling Server: (Andrej Sali)

<http://salilab.org/modeller/>

SWISS-MODEL Protein Structure Homology-Modeling Server: (Torsten Schwede)

<http://swissmodel.expasy.org/>

ROBETTA Structure Prediction Server: (David Baker)

<http://robetta.bakerlab.org/>

CASP Protein Structure Prediction Center:

<http://predictioncenter.org/>

PFAM Protein Family Analysis: (Sean Eddy)

<https://xfam.org/>

InterPro Sequence Analysis and Classification: (EMBL-EBI)

<http://www.ebi.ac.uk/interpro/>

ProFunc Function Prediction from Structure: (EMBL-EBI)

<http://www.ebi.ac.uk/thornton-srv/databases/ProFunc/>