

ICM Browser

For:

Win/Linux/Mac

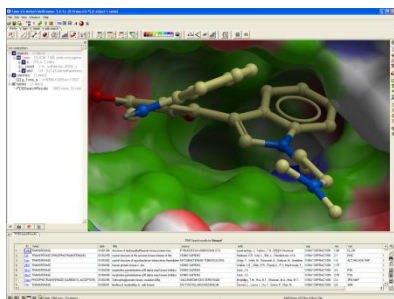


Licensing:

NO license fee

License Type:

Single user machine.



ICM-Browser provides a biologist or a chemist with direct access to the treasures of structural biology and protein families. It reads PDB files or alignment files directly from the database web-sites and provides a rich professional molecular graphics environment with powerful representations of proteins, DNA and RNA, and multiple sequence alignments.

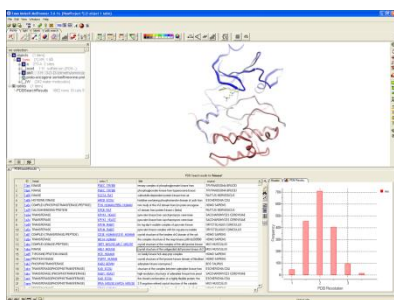
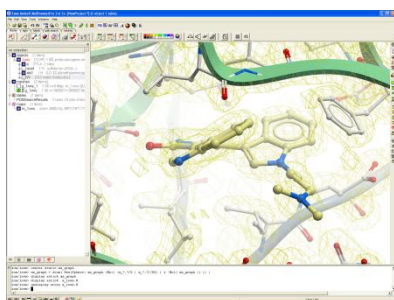
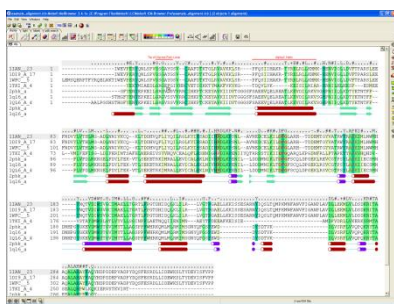
ICM-Browser is ideal for:

- A biology student or researcher to look at biological structures from the PDB as well as sequences and alignments.
- A chemist who wants to view chemical structures and ligand-receptor interactions.
- A researcher who wants to look at annotated models or alignments built by a modeler colleague who used ICM tools.

Powerful PDB Search Engine.

ICM-Browser gives you direct access to the Protein Structure Databank (PDB). Type in a search string and a table of structures matching your search will be displayed. Double click on the table and the structure will be downloaded and displayed in the graphical user interface.

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Load and Display Many Molecular Structure and Sequence File Types.

ICM-Browser supports many different file types for protein structures, chemicals, sequences, alignments and other objects.

Save Rich Molecular Graphics Images.

Use ICM-Browser to create high resolution images. The ICM software is well renowned for producing high-quality images which have been used in scientific publications, journal covers as well as videos and TV commercials.

View and Make High Resolution Images of Alignments.

Alignments can be directly linked to the displayed 3D structure. Alignments can be annotated, boxed and colored, the alignment can be exported as a high-quality image for publication.

Superimpose Protein Structures.

Select the region of the molecules you wish to superimpose and then with one click the molecules will superimpose.

Measure Distances and Angles. Measure distances between atoms, calculate planar and torsion angles.

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