



Blueprint



What's new with Blueprint?

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The Blueprint Initiative is a research program located in Toronto, Canada with a sister node in Singapore. In Toronto, The Blueprint Initiative is part of the Samuel Lunenfeld Research Institute at Mount Sinai Hospital in Toronto. Blueprint develops, hosts and maintains public biological databases and bioinformatics software tools such as BIND, Seqhound and Distributed Folding.

BIND (Biomolecular Interaction Network Database) is a database with descriptions of molecular interactions, complexes and pathways. New developments in the BIND user-interface have been recently released and this talk will serve as an overview of many of the new features. The new BIND 3.6 user interface offers new ways to integrate interaction data including improved support for complex queries and interaction visualization with Cytoscape. In addition, the BIND Interaction viewer v3.1 offers a new visual language for biological function called OntoGlyphs. A new system for scoring interaction quality, BIND-PICS will be previewed, and a new database of small molecule interactions (Small Molecule Interaction Database) SMID will be shown, including SMID-BLAST, a tool to help discover and assign small molecule binding sites on sequences based on known small molecule binding sites from 3D structure.

About the Speaker

Published more than 40 papers in peer-reviewed journals such as Nature and Science. GenBank Fellow in NIH, NCBI. Developed the widely used program, Cn3D, for visualizing biological molecules. Principal investigator of Blueprint Initiative located in Toronto and Singapore.

Department of Biological Sciences

Seminar Announcement

Date: 29 Oct 2004, Fri
Time: 4 - 5 pm
Venue: LT 20
Host: Dr Martti Tammi

