

## Genomics

Whole genome analysis, SNP analysis, exome analysis, CGH analysis, epigenome analysis

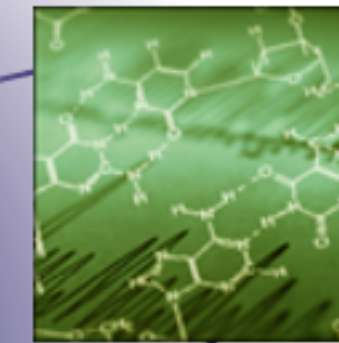


## Data Management

AI, machine learning, quantum computing, big database construction, semantic web full-text search, data mining, graph mining, HPCI, cloud services

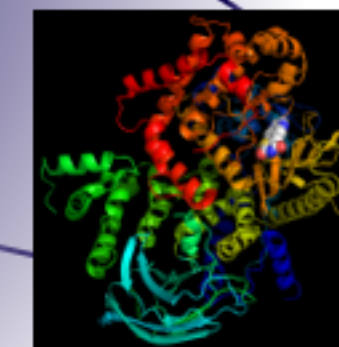
## Chemoinformatics

Lead compounds, and virtual chemical compound screening, side-effects and toxicity prediction



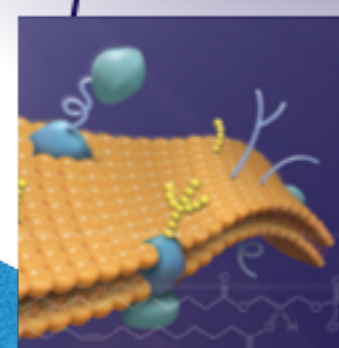
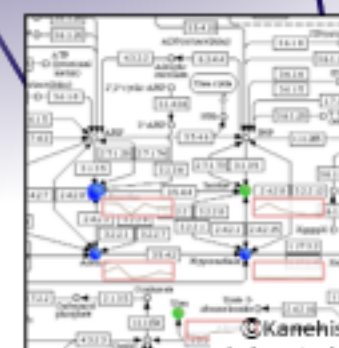
## Structural Informatics

Amino acid sequence/protein structure analysis, molecular dynamics (MD) simulation, protein tertiary structure prediction, docking simulation



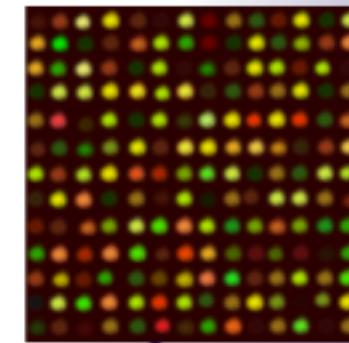
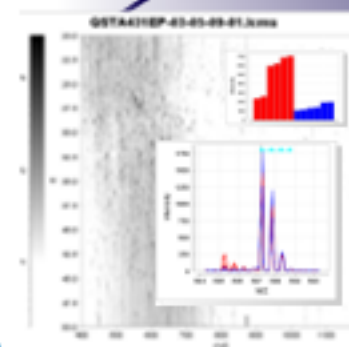
## Systems Biology

Network analysis, pathway analysis, metabolic flux analysis, biosimulation, bioprocess design



## Proteomics

Protein expression analysis, phosphorylation analysis, post-translational modification analysis, polyspecimen analysis



## Metabolomics

In vivo lipid profile analysis & identification, metabolic pathway analysis, rapid carbohydrate trace analysis

## Transcriptomics

Gene expression analysis, RNA-Seq analysis, transcription factor binding site analysis

Knowledge



