

International Journal of

Computational Biology and Drug Design

Official Journal of International Society of Intelligent Biological Medicine

Editor-in-Chief:
Dr. Zhongming Zhao

Visit www.inderscience.com/ijcbdd
for more information and sample articles

Scope of the Journal

ISSN: 1756-0756 (Print), ISSN: 1756-0764 (Online)

JCBDD, an International Society of Intelligent Biological Medicine official journal, bridges the gap between two very important, complementary disciplines, computational biology and drug design. Through advances in high-throughput genome sequencing and digital imaging technologies, biocomputing, drug design and medical research have unfolded new, predictive sciences such as genomics, proteomics, lipidomics, metabolomics, cytomics and pharmaconomics. These promote new computational, statistical and biomedical approaches to drug design/development, besides unleashing the potential of significantly more accurate, effective personalised diagnosis, therapeutics and patient care.

Topics covered include:

- Biomolecular dynamics, biomolecular/phylogenetic databases
- Protein docking and ligand-receptor interactions
- High-throughput drug screening, drug discovery, drug design
- Biolanguages, interoperability in biodatabases, bioontology and data mining
- Identification/classification of genes, sequence search and alignment
- Protein structure prediction and molecular simulation
- Molecular evolution/phylogeny, functional genomics/proteomics
- Gene expression analysis, microarray technologies
- Bioinformatics engineering, biodata visualisation, biomedical data engineering
- Systems biology, algorithms, modelling/simulation of biosets
- Biomarkers of toxicity
- Cellular signalling/communications, cell engineering, molecular/cellular systems
- Biological systems/models, engineering models in biomedicine
- Monte Carlo simulation and biological modelling
- Body and cell biosignatures, biomarkers



Not sure if this title is the one for you?

Visit the journal homepage at www.inderscience.com/ijcbdd where you can:

- View sample articles in full text HTML or PDF format
- Sign up for our free table of contents new issue alerts via e-mail or RSS
- View editorial board details
- Find out about how to submit your papers
- Find out about subscription options, in print, online or as part of a journals collection

You can order online at www.inderscienceonline.com or download an order form from www.inderscience.com/subform.

This title is part of the Healthcare and Biosciences Collection (see www.inderscience.com/hb). For library collection subscriptions or for a free institutional online trial, please contact subs@inderscience.com.