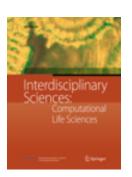
Interdisciplinary Sciences

Computational Life Sciences (ISCLS)



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Published in 4 issues per year (March, June, September and December), Hardcopy and online versions available.

Aims & Scope

The journal Interdisciplinary Sciences - Computational Life Sciences presents outstanding coverage of significant research across scientific disciplines. The coverage ranges across the broad field of computational life sciences, an area that has recently seen rapid development at the forefront of scientific research and technology. The editorial board comprises experts from around the world. Taking full advantage of Springer online technology, the journal combines rapid print publication with early OnlineFirst distribution through SpringerLink.

Readership:

The audience of ISCLS consists of medical practitioners, scientists, researchers, academics, graduate students, professionals and engineers working and interested in learning about new trends in computational life sciences.

ISCLS publishes original peer-reviewed papers, which include research papers, review papers, book reviews. Special Issues devoted to important topics on computational intelligence in bioinformatics and systems biology will occasionally be published. Featured contributions will fall into original research papers or review articles. Articles are expected to be high quality contributions representing new and significant research, developments or applications of practical use and value. Decisions will be made based on originality, technical soundness, clarity of exposition, scientific contribution and multidisciplinary impact of the article.





Topics of interest include, but are not limited to, the following:

- Structural Computational Biology
- Bioinformatics
- System biology
- Theory and Modeling of Biomedical Engineering
- Proteomics
- Drug design
- Computational Enzymology
- Modeling of biology systems

- MD/MC simulations
- Application of Electronic Structure Methods on biological systems
- QM/MM of biology systems
- Screening Methods
- Docking
- Vector Machine
- Neural Networks

Specific Notes for Authors

- 1. Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere.
- 2. All papers are refereed through a anoymous peer-review process.
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