

International Journal on Bioinformatics & Biosciences (IJBB)

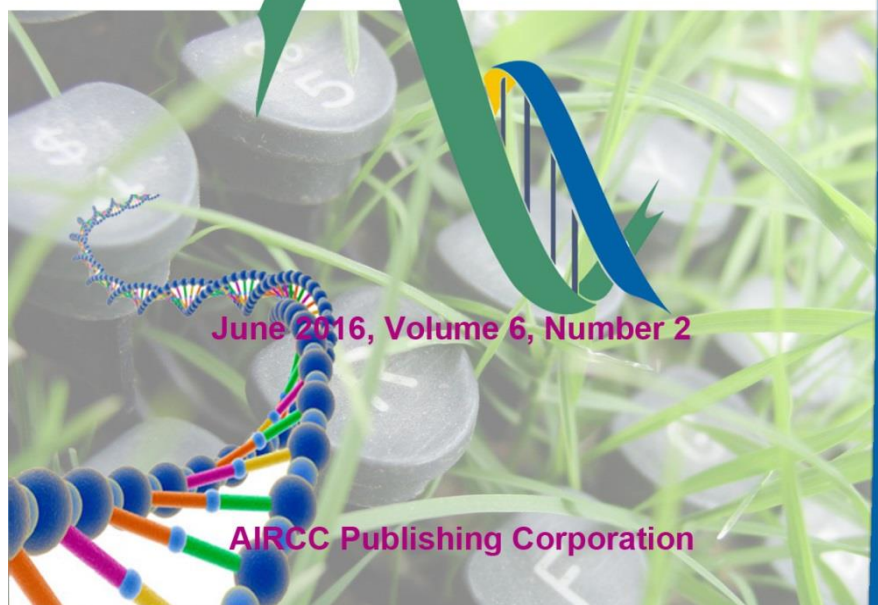
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SCOPE OF THE JOURNAL

Bioinformatics is the application of information science and technology to the field of biology to increase the understanding of all biological process. The aim of this journal is to publish all the latest and outstanding research articles in all areas of bioinformatics and Biometrics. Researchers and scientists from the fields of biology, computer science, mathematics, statistics, and physics are invited to share their developments and new techniques in the fields of Biometrics and Bioinformatics.

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

- Biomedical modeling and computer simulation
- Bioinformatics databases
- Bio-grid
- Biomedical image processing (segmentation, registration, fusion)
- Bio-ontology and data mining
- Parallel algorithms for biological analysis
- Parallel architectures for biological applications
- Phylogeny reconstruction algorithms
- Protein structure prediction
- Sequence assembly
- Sequence search and alignment
- Signaling and computation biomedical data engineering
- Simulated annealing
- Statistical analysis
- Stochastic grammars
- Support vector machines
- System biology
- DNA assembly, clustering, and mapping
- Telemedicine
- Computational genomics, Intelligence, proteomics, structural biology
- E-health
- Genetic algorithms
- Hidden Markov models
- Fuzzy logic
- Molecular evolution and phylogeny
- Molecular modeling and simulation
- Molecular sequence analysis
- High performance computing
- Neural networks
- Machine learning
- Data visualization

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Review Process

Submissions are accepted for review with the understanding that the same work has been neither submitted to, nor published in, another publication. Simultaneous submission to other publications will result in immediate rejection of the paper. Papers are not within the journal scope will be rejected immediately after the pre review process.

All manuscripts will be subject to a well established, fair, unbiased peer review and refereeing procedure, and are considered on the basis of their significance, novelty and usefulness to the Journals readership. The reviewing structure will always ensure the anonymity of the referees & it will be reviewed by 3 experts in the field. The review output will be one of the following decisions:

1. Accept
2. Accept with minor changes
3. Weak Accept with major changes
4. Reject

The review process may take approximately two ~three months to be completed. The Editor reserves the right to reject a paper if it does not meet the aims and scope of the journal, it is not revised well.

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