

*International Journal of*

# **Data Mining and Bioinformatics**

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# Scope of the Journal

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*Mining bioinformatics data is an emerging area at the intersection between bioinformatics and data mining. The objective of IJDMB is to facilitate collaboration between data mining researchers and bioinformaticians by presenting cutting edge research topics and methodologies in the area of data mining for bioinformatics. This perspective acknowledges the inter-disciplinary nature of research in data mining and bioinformatics and provides a unified forum for researchers/practitioners/students/policy makers to share the latest research and developments in this fast growing multi-disciplinary research area.*



## Topics covered include:

- Biological data pre-processing and cleaning
- Biological data visualisation
- Biological data integration and management
- Phylogenetics
- Biomedical ontologies construction/management
- Microarray data analysis
- Protein/RNA structure prediction
- Genomics and proteomics
- Drug design
- Biomedical literature data mining
- Modelling of biomolecular pathways
- Whole, multiple genome comparison
- Systems biology and pathways
- Biological data curation

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