

Applied Bioinformatics

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Author(s): *Dr Allen Rodrigo*

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Applied Bioinformatics is an international, peer-reviewed journal of biomedical science and clinical informatics. The general focus is on advances in computational solutions, techniques, and resulting discoveries in understanding biological and medical information that have applications in biomedical and pharmaceutical research and clinical/medical decision-making. While spanning the broad definition of these disciplines, the journal places particular emphasis on the growing areas of commonality and convergence occurring across the wide spectrum of biomedical data management and interpretation. In recognition that this convergence is in a state of evolution, the journal encourages well-reasoned extension of findings and discussion from one part of the informatics spectrum to other parts.

More specifically, the scope of Applied Bioinformatics encompasses issues relating to acquisition, storage, retrieval and analysis of biological and clinical information, including:

Genomics databases and methodologies, with a focus on representation and integration of data sources, and presentation for biomedical and pharmaceutical researchers and/or clinicians; Biomedical informatics relating to structural and functional genomics and proteomics; Clinical informatics, including automation of protocol-based care and development of systems for the acquisition, processing, and interpretation of patient data; Clinical outcomes analysis, including econometric and statistical models used to conduct medical outcomes research; Informatics in pharmaceutical research, including computer-aided drug design and identification of drug targets; Informatics associated with medically significant computational molecular biology; Data modelling, with relevance to enhanced standardisation and sharing of data models across the informatics continuum; Developments in computing methods and software, especially those with potential interest across multiple segments of the informatics spectrum.



Wolters Kluwer
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- n Targeted to informatics professionals, science and medical researchers, teachers and students interested in optimal management of biological and biomedical data through the bioscience and clinical informatics continuum.

Collections:

- n Adis Journal Legacy Archive

Access Options:

- n Ovid Internet, updated None

Interface:

- n OvidSP

Other Information:

- n Full Text Coverage: August 2005 - Present

- n Indexing: MEDLINE® - Overview