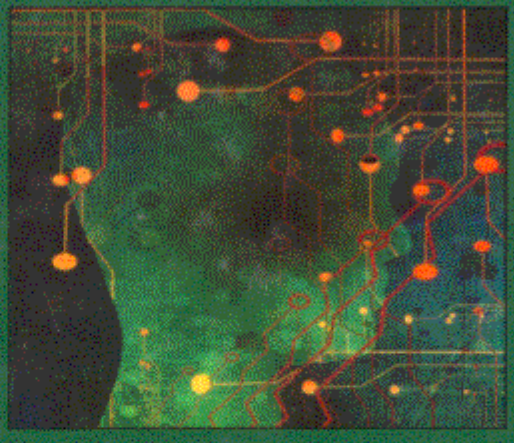
Interdisciplinary Research and Applications in Bioinformatics, Computational Biology, and Environmental Sciences

The advancement of high-throughput technologies that generate large scale biological data, as well as the development of related computational tools, has united global efforts and brought revolutionary changes to the research of biology during the last decade. Nowadays, biologists work with scientists and engineers from a broad spectrum of disciplines to unravel how complex biological systems work.

Interdisciplinary Research and Applications in Bioinformatics, Computational Biology, and Environmental Sciences is a collection of cutting-edge research papers in the field of computational and systems biology contributed by leading researchers from across the globe. The studies range from the atomic/molecular level to the genomic level and present a wide spectrum of important biological problems and applications. It is a must-read for researchers in a broad range of disciplines, including computer science, chemistry, physics, math and statistics, and biological sciences.

Topics Covered:
Bioinformatics
Bionanotechnology
Computational Biology
Computational Bionanoscience
Environmental Studies
Genomics
Metabolomics
Proteomics
Structure and Molecular Modeling
Systems Biology



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