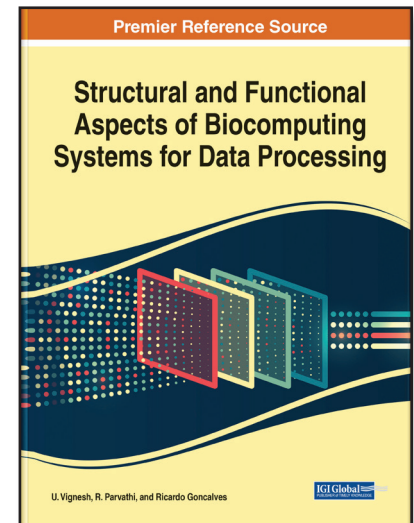


# Structural and Functional Aspects of Biocomputing Systems for Data Processing

Part of the Advances in Computer and Electrical Engineering Book Series

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## Description:

Due to the diversity of contexts in which biological computation is performed, a major problem is the selection of functional-oriented techniques for the analysis of biological sequences in a huge environment. The performances of various sequences in biocomputational algorithms are evaluated with variant features to prove their efficiency in real-time environments.

**Structural and Functional Aspects of Biocomputing Systems for Data Processing** provides insight into the structural and functional aspects of biological sequences and the pattern recognition they embed into the data processing in biocomputing systems. It extends recent concepts, methodologies, and empirical research advances of various biological data mining systems through machine learning approaches. Covering topics such as DNA sequencing, high-speed architecture, and medical image processing, this premier reference source is an essential resource for healthcare professionals, biological systems specialists, industrial professionals, PCR testing professionals, scientists, bioinformaticians, students and educators of higher education, librarians, researchers, and academicians.

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