

## Special Issue

# Data-Based Bioinformatics and Applications

### Message from the Guest Editors

Mining and analyzing data-based bioinformatics makes it possible to screen key genes and pathways associated with some diseases. Data-based bioinformatics can be leveraged to create an atmosphere in which all stakeholders can seamlessly access data and process it to meet their needs. It can be used to explore protein networks in the diagnosis of diseases. High-throughput data-based bioinformatics strategies are efficient and comprehensive research methods that have effectuated new perspectives and remarkable breakthroughs in resolving disease perplexities.

This Special Issue will publish papers on a wide range of data-based bioinformatics topics and applications. This Special Issue will also publish reviews for the users of databases and analytical tools of contemporary genetics, molecular and systems biology. Papers must focus on novel informatics methods and its comparison to the current approaches. This Special Issue will consider articles describing novel computational algorithms and software, models and tools, including statistical methods, machine learning and artificial intelligence, as well as systems biology.

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### Guest Editors

Dr. Roohallah Alizadehsani  
Dr. Mohamad Roshanzamir  
Dr. Mojtaba Lotfaliany

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### Deadline for manuscript submissions

closed (30 April 2024)



## Big Data and Cognitive Computing

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Impact Factor 4.4  
CiteScore 9.8



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## About the Journal

### Message from the Editor-in-Chief

*Big Data and Cognitive Computing (BDCC)* is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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### Editor-in-Chief

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