

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.

Guest Editors

Dr. Roohallah Alizadehsani

Dr. Mohamad Roshanzamir

Dr. Mojtaba Lotfaliany

Deadline for manuscript submissions

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Big Data and Cognitive Computing
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bdcc@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Min Chen

School of Computer Science and Engineering, South China University of Technology, Guangzhou 510641, China

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