

Special Issue

Data Mining and Bioinformatic Tools for Health

Message from the Guest Editors

Bioinformatics approaches can find relationships among genomics, transcriptomics, proteomics, metabolomics, interactomics and other “omics” data, which can elucidate the complex cross-talks among different levels and time scales. Data mining methods would enable the simulation of complex systems and the construction of dynamical networks, towards the development of predictive, preventive, and personalized medicine. This Special Issue aims to show the state-of-the-art and future perspectives of the application of bioinformatics in data mining for human health. Contributions to illustrate both the development of new bioinformatics resources (including databases and tools) and the application of bioinformatics approaches finalized to the development of new diagnostic and therapeutic approaches for the management of rare as well as complex diseases are welcomed. The Special Issue will include also articles from the 16th virtual edition of the Bioinformatics and Computational Biology Conference (www.bbcc-meetings.it), December 1–3rd, 2021.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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