Data Mining and Bioinformatic Tools for Health

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Message from the Guest Editors

Bioinformatics approaches can find relationships among genomics, transcriptomics, proteomics, metabolomics, nteractomics 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.

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Special Issue

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Message from the Editor-in-Chief

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