



life



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Application Research of Bioinformatics in Human Diseases

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editor

Dear Colleagues,

In the past decade, an unprecedented wealth of omics data has been produced by next-generation sequencing technologies and advanced Artificial Intelligence methods. The characterization and quantification of human diseases at the molecular level has never been so detailed. Omics data bring a remarkable opportunity for scientists to understand the disease mechanism comprehensively.

The application of bioinformatics in the medical field has deepened the functional understanding of human disease mechanisms, improved the accuracy of human disease diagnosis and prognosis, and led to the discovery of novel drug targets. The contribution of bioinformatics to the medical field makes it possible to provide tailored treatment to each patient instead of treating them as an average, which is the core value of precision medicine.

The goal of this Special Issue of Life is for omics data to be manipulated appropriately, and for physicians and researchers to have a rule of thumb to follow. We encourage contributions to the development and applications of bioinformatics and statistical methods in the context of human diseases.

Dr. Qian Du

Guest Editor



mdpi.com/si/124991

Special Issue



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Message from the Editor-in-Chief

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