The Development and Application of Computational Models for Identifying Disease Markers

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Message from the Guest Editor

The identification and prediction of disease and genetic markers could provide important clues for disease diagnosis, drug target discovery, and genetic character analysis. However, using the traditional method to identify and analyze these markers becomes more and more difficult because of its expensive experimental materials, long experimental period and low computational efficiency. The advent of big data and advanced technology provides us with an opportunity to mine data and samples for the discovery of various disease and genetic markers. Some dry and wet experimental methods have been developed to deal with various medical samples and biological data. The results obtained from wet experimental methods should at least be demonstrated in an in vitro experiment. This Special Issue will focus on various aspects of the development and application of computational methods and techniques in biological and medical data for discovering disease markers.

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Special Issue

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Message from the Editor-in-Chief

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