



Bioinformatics in Genetic Diseases and Cancer

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Deadline for manuscript
submissions:

closed (20 April 2023)

Message from the Guest Editors

Applications of artificial intelligence (AI) and integrative data analytic techniques in biological complex and big data has emerged as an important field which shown its huge impact in biomedical research domains. This special issue will focus on the application of AI and data analytic techniques in particular for understanding and identifying novel biomedical markers, in particular genetic biomarkers in genetics diseases and cancers, this include but not limited to the topics shown below:

- Machine learning or integrative data analytics in computational biomarker discovery in genetic diseases and disorders
- Clinical machine learning and translational medicine in genetic diseases and disorders
- Deep learning and data analytic techniques to uncover novel patterns and biomarkers in genetic diseases and disorders
- Supercomputing to identify genetic biomarkers
- Mathematical methods for diagnostic classifiers
- Biological networks to analyse genetic variants

Please kindly note: New methods must be compared to existing state-of-the-art methods, using real biological data. The inclusion of experimental data is very much encouraged.





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Editor-in-Chief

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Message from the Editor-in-Chief

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