Special Issue

Application of Data Science in Cancer

Message from the Guest Editors

Cancer data science fueled by machine learning has facilitated a plethora of biomedical studies, improved cancer diagnosis and prognosis and led to ground-breaking discoveries in precision medicine. Many computational methods have been developed to address important biological and clinical questions, such as molecular classification of cancer types and subtypes, cancer vulnerability prediction, and patient stratification. This Special Issue focuses on the application of data science to cancer research. We welcome the submission of both original papers and reviews including, but not limited to, the following topics:

- Algorithmic development of machine learning/deep learning for cancer research;
- Integration of multi-omics cancer data through machine learning/deep learning;
- Clinical applications of cancer data science;
- Benchmark studies and re-analysis of existing datasets;
- Review of data science methods for cancer research.

Guest Editors

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

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