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Big Data Analytics for Cancer Research and Precision Medicine

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Deadline for manuscript
submissions:

closed (15 September 2020)



mdpi.com/si/39126

Message from the Guest Editors

Dear Colleagues,

I invite you to contribute to the Special Issue of the journal Applied Sciences entitled “Big Data Analytics for Cancer Research and Precision Medicine”, which aims to present recent developments in the field of Big Data in cancer research and beyond.

Recent advances in high-throughput technologies at a constantly decreasing cost have led to an explosion of large amounts of data pertaining to the ‘omics field. These are called “Big Data”, and are so massive that we have both the potential for new discoveries, but also challenges in storing, transferring, and interpreting them. Big Data can contain information on different types of ‘omes, including the genome, transcriptome, proteome, epigenome, phenome, metabolome, etc. of a disease, and they impose unprecedented challenges to be understood, analyzed, and interpreted.

We are thus inviting you to submit your research on this topic, in the form of original research papers, mini-reviews, and perspective articles.

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Guest Editors



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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