

Special Issue

Big Data Analytics for Cancer Research and Precision Medicine

Message from the Guest Editors

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.

Dr. Marianna Christodoulou

Guest Editors

Prof. Dr. Apostolos Zaravinos

Dr. Aristotelis Chatziioannou

Dr. Maria-Ioanna Christodoulou

Deadline for manuscript submissions

closed (15 September 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/39126

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)