Special Issue

Recent Advances in Biomedical Data Analysis

Message from the Guest Editor

Biomedical data analysis is one of the most important branches of science, combining several fields of knowledge, such as biology, chemistry, medicine, and mathematics, among others. Conducting research in this area can help us to diagnose and treat diseases much more efficiently than by using traditional methods. This Special Issue explores the publication of new methodologies, which can be based on AI, that will help us implement effective solutions for the benefit of humanity.

For example, treating diseases by identifying malignant tumors in the breast, skin or any other part of the human body, as well studying resistance to certain types of antibodies, remains a challenge. Similarly, the study of proteins to develop vaccines or treat certain potentially congenital diseases is a significant issue that remains to be solved.

Data analysis in this field can lead to the development of new AI algorithms that can more efficiently solve biomedical problems.

Guest Editor

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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.

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