Special Issue

Machine Learning in Biomedical Sciences

Message from the Guest Editors

Machine learning (ML) has emerged as a transformative tool in the biomedical sciences, offering unprecedented opportunities for analyzing complex biological data and enhancing patient care. The integration of ML with biomedical research has led to significant advancements in diagnostics, personalized medicine, drug discovery, and understanding of complex diseases. As we navigate through vast datasets, ranging from genomic sequences to clinical records, machine learning provides powerful techniques to uncover patterns, make predictions, and inform decision making. This Special Issue on "Machine Learning in Biomedical Sciences" aims to collect the latest research and developments in this rapidly evolving field. We invite contributions that explore the application of machine learning methods to various aspects of biomedical sciences, including diagnostic systems, predictive analytics, personalized treatment plans, and biomedical data analysis. This Special Issue seeks to provide a platform for researchers and practitioners to discuss the challenges, innovations, and future directions of ML in the biomedical domain.

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.

Editor-in-Chief

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