

Special Issue

Advanced Machine Learning and AI in Biomedical Diagnostics and Prognostics

Message from the Guest Editors

This Special Issue invites original research and review articles exploring cutting-edge applications of machine learning and artificial intelligence in biomedical diagnostics and prognostics. Topics of interest include, but are not limited to, the development of novel AI-driven methods for disease prediction and early detection, advanced signal processing techniques for biomedical data, and the application of machine learning in personalized medicine. We encourage submissions that present innovative approaches to data analysis, feature engineering, and model optimization in various biomedical contexts, such as cardiovascular health, metabolic disorders, and oncology. The aim of this Issue is to showcase advancements that enhance diagnostic accuracy, improve prognostic capabilities, and contribute to more effective healthcare solutions.

Keywords

- machine learning
- artificial intelligence
- biomedical applications
- diagnostics
- prognostics
- healthcare
- personalized medicine
- feature engineering
- deep learning
- medical imaging

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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