Machine Learning in Precise and Personalized Diagnosis

Guest Editor:

Dr. Manoj Sharma
Department of Electronics and Communication Engineering, GZSCCET, Maharaja Ranjit Singh Punjab Technical University, Bathinda, India

Deadline for manuscript submissions:
30 April 2024

Message from the Guest Editor

It is estimated that, in high-income countries, approximately 5% of patients receive an incorrect medical diagnosis every year. The diagnostic errors are common in patients with serious medical conditions. However, thanks to the recent advancements in Artificial Intelligence and Machine Learning in healthcare systems, a remarkable decline in incorrect diagnosis has been observed. With the availability of a large amount of clinical data, the Machine Learning models show their competency in providing detailed medical diagnosis and prediction without any human expertise. The summary of the latest research reveals that Machine Learning techniques are much more efficient in diagnosing and the early detection of diseases, and medical imagining analysis. Moreover, the Machine Learning-based models are also helpful in precise and personalized diagnoses to the patients. The aim of this Special Issue to publish original research regrading Machine Learning in medical diagnosis and prediction.

Special Issue

Editor-in-Chief

Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Medicine, General & Internal*)

Contact Us