Special Issue

Machine Learning and Deep Learning in Diagnosis and Prognosis of Medical Oncology

Message from the Guest Editor

Deep learning has the potential to revolutionize medical oncology, bringing new hope to the diagnosis and prognosis of various cancers. This Special Issue seeks to highlight the most recent advances and applications of both machine learning (ML) and deep learning (DL) in this field. We aim to include papers that use multiple data modalities, such as imaging, genomic, proteomic, histopathological, and clinical data, to predict patient outcomes. Furthermore, we encourage submissions that delve into the use of Explainable AI, which has gained traction in recent years for its ability to provide clear and transparent explanations of AI models and their decision-making processes. This Special Issue aims to showcase pioneering work in this field and motivate further developments and enhancements in the application of ML and DL to medical oncology. Therefore, we invite researchers to submit original research and review articles that demonstrate the impact of ML and DL in this field. We welcome contributions that address a diverse array of topics in novel areas of medical oncology.

Deadline for manuscript submissions

closed (31 July 2023)

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About the Journal

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).
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released on the Internet immediately after acceptance.
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published. We would be pleased to welcome you as one
of our authors.

Editor-in-Chief

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