Special Issue

Advanced Computer-Aided Diagnosis Using Medical Images

Message from the Guest Editors

The Special Issue on Advanced Computer-Aided Diagnosis Using Medical Images focuses on the latest developments in its application to medical imaging and cancer research. This Special Issue is open to and welcomes contributions with a wide range of topics including, but not limited to: diffusion models, federated learning, contrastive learning, active learning, semi-supervised learning, graph neural networks, large language models (transformers such as ChatGPT) for CAD, radiomics, generalizability, and privacy considerations in the deployment of advanced deep learning models for CAD. The goal of this Special Issue is to showcase novel approaches or significant improvements in existing CAD methods and discuss the challenges and opportunities associated with the deployment of AI approaches in medical imaging.

Guest Editors

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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.

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