

Special Issue

Advanced Image and Video Analytics for Biomedical Applications

Message from the Guest Editor

This peer-reviewed Special Issue is open for manuscripts that leverage advanced artificial intelligence techniques that include conventional machine learning and deep learning methods in analyzing images and videos for biomedical applications. There is no restriction to the input modality that includes x-ray, CT scan, MRI, anterior photographed image, fundus image, and many more. We welcome an article that aims to propose and describe state-of-the-art techniques for screening or diagnosing diseases by using an intelligent system. Furthermore, the manuscript can cover various submodules of automated screening and diagnosing systems that include semantic segmentation, data augmentation, advanced pre-processing methods, image normalization techniques, disease classification, symptom regression, disease severity level prediction, and others. Moreover, we also welcome any review on the state-of-the-art screening and diagnosing technology of any disease, especially on advanced deep learning-based topics.

Guest Editor

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Deadline for manuscript submissions

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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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