

## Special Issue

# Computer-Assisted Functional Diagnostics

### Message from the Guest Editors

This Special Issue will present the state-of-the-art AI techniques that can be used to develop non-invasive computer aided diagnostics (CAD) systems for the early detection of severe diseases and disorders. The ultimate goal is to comprehensively focus on the different AI algorithms that can be used to build CAD systems, while highlighting the novel applications. The Special Issue subtopics include but are not limited to the following:

- Developing non-invasive computer-aided diagnosis systems;
- Deep learning for medical imaging;
- Medical image segmentation;
- Early detection of cancer;
- Early detection of neurological disorders;
- Early detection of cardiovascular diseases.

### Guest Editors

Prof. Dr. Ayman El-Baz

Dr. Ali Mahmoud

Dr. Ahmed Shalaby

Prof. Dr. Mohammed Ghazal

### Deadline for manuscript submissions

closed (30 April 2024)



## Diagnostics

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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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### Editor-in-Chief

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