



Artificial Intelligence Advances for Medical Computer-Aided Diagnosis—2nd Edition

Guest Editor:

Dr. Mugahed A. Al-antari

Department of Artificial
Intelligence, College of Software
and Convergence Technology,
Daeyang AI Center, Sejong
University, Seoul 05006, Republic
of Korea

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Message from the Guest Editor

A computer-aided diagnosis (CAD) system involves various stages such as detection, segmentation and classification. Over the last few decades, computer-aided diagnosis systems have become a part of clinical practice. They have the potential to assist clinicians in daily diagnostic tasks. The image processing techniques are fast, repeatable and robust, which helps physicians detect, classify, segment and measure various structures. Medical experts rely on medical imaging modalities such as computed tomography (CT), microscopic blood smear images, magnetic resonance imaging (MRI), X-ray and ultrasound (US) to diagnose health challenges and assign treatment prescriptions. Researchers and developers are able to deliver smart solutions for medical imaging diagnoses thanks to the AI-based potential functionalities of machine learning and deep learning technologies.

In this Special Issue, we will cover original articles, short communication and reviews related to various deep learning techniques and computer-aided diagnoses for biomedical systems.





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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

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MDPI, St. Alban-Anlage 66
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