

Special Issue

Artificial Intelligence for Clinical Application

Message from the Guest Editors

Artificial intelligence (AI) offers a variety of advantages over traditional analytics and clinical decision-making techniques. Deep learning (DL) based algorithms can become more effective and accurate as they interact with training data, allowing professions to gain unprecedented insights into diagnostics, care processes, treatment variability, and patient outcomes. This Special Issue aims at supporting decision-based medical tasks through Artificial intelligence-based solutions that ultimately support and improve the performance of a human care provider. Papers must refer to real-world medical domains, considered and discussed at the proper depth, from both the technical and the medical points of view. The inclusion of a clinical assessment of the usefulness and potential impact of the submitted work is strongly recommended. Original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Computer Aided Diagnosis
- Radiomics
- Image Segmentation
- Image Registration
- Surgical Applications
- Clinical Reports Generation
- Robotics and AI
- Biomedical Time series analysis and forecast
- Federated learning

Guest Editors

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Deadline for manuscript submissions

closed (29 February 2024)



Healthcare

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.7
Indexed in PubMed



mdpi.com/si/163489

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About the Journal

Message from the Editor-in-Chief

Healthcare is an international, scientific, peer-reviewed, open access journal on health care systems, industry, technology, policy, and regulation, and is published semimonthly online by MDPI. Ocular Wellness & Nutrition Society (OWNS) is affiliated with Healthcare and its members receive discounts on article processing charges.

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