



an Open Access Journal by MDPI

Current Insights in Biomedical Engineering and Digital Medicine– Measurement and Processing

Guest Editor:

Dr. Alessandro Perelli

School of Science and Engineering, University of Dundee, Dundee DD1 4HN, Scotland, UK

Deadline for manuscript submissions: closed (30 April 2024)

Message from the Guest Editor

Biomedical engineering is experiencing a revolutionary transformation induced by the new advances in artificial intelligence and digitalization combined with new medical acquisition technologies and hardware.

This Special Issue in *Healthcare* aims to highlight the cutting-edge developments and challenges in integrating machine learning techniques with new medical acquisition technologies in CT, OCT, MRI, ultrasound, multimodal imaging, design optimal sensing strategies, new AI-enabled computational methods applied to measurements collected from sensors or wearable devices for diagnostic prediction or rehabilitation and digital data management.



mdpi.com/si/167395







an Open Access Journal by MDPI

Editor-in-Chief

Dr. Rahman Shiri

Finnish Institute of Occupational Health, FI-00032 Työterveyslaitos, Finland

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE and SSCI (Web of Science), PubMed, PMC,

High Visibility: indexed within Scopus, SCIE and SSCI (Web of Science), PubMed, PMC, and other databases.

Journal Rank: JCR - Q2 (*Health Policy & Services*) / CiteScore - Q2 (*Leadership and Management*)

Contact Us

Healthcare Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/healthcare healthcare@mdpi.com & @HealthcareMDPI_