

Special Issue

Digital Transformation in Healthcare

Message from the Guest Editor

This issue aims to provide a revealing overview of the impact of advanced computation and instrumentation on healthcare. A worldwide increasing trend is driving innovation for a new era of multifunctional technologies with the ability to autonomously perform intensive therapeutic actuation, physiologic monitoring, digital processing, and communication operations. Research on healthcare is nowadays performed on a multidisciplinary basis, comprising computational engineering, biomedicine, biomedical engineering, electronic engineering, and automation engineering, among other areas. This Special Issue aims to disseminate cutting-edge research focused on ten topics: (1) personalized healthcare; (2) big data in healthcare; (3) predictive healthcare; (4) virtual reality in healthcare; (5) telemedicine; (6) artificial intelligence in healthcare; (7) bioelectronic medicine; (8) innovative medical devices—wearable medical devices and bioelectronic/instrumented implants; (9) modelling and simulation in healthcare; (10) energy harvesting to power medical devices. This interdisciplinary forum encourages the submission of original research, reviews, short reports, and opinion papers.

Guest Editor

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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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