

Special Issue

Healthcare Systems Enhanced by Advances in the Internet of Medical Things

Message from the Guest Editor

Rapid advances in the Internet of Medical Things (IoMT) are redefining the landscape of modern healthcare systems by enabling continuous, real-time monitoring, intelligent diagnostics, and health data-driven decision-making. This Special Issue invites original, high-quality research and review articles that explore advanced IoMT technologies and systems, including novel sensor designs, wearable and implantable biosensors, multi-modal sensing systems, smart data acquisition techniques, remote monitoring systems, and AI-driven analytics for transformative healthcare delivery and outcomes. Topics of interest include, but are not limited to, secure IoMT architectures, interoperability and standards, sensor integration with AI and machine learning, edge and cloud computing integration, energy-efficient communication protocols, data privacy and cybersecurity, and applications in predictive medicine and ambient assisted living. Through this Special Issue, we aim to consolidate cutting-edge developments in IoMT for intelligent, responsive, and scalable healthcare systems, bridging the gap between engineering innovations and clinical impact.

Guest Editor

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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