

## Special Issue

# IoT-Enabled Healthcare Systems: Intelligent Diagnosis and Telemonitoring

### Message from the Guest Editors

Rapid advancements in the Internet of Things (IoT) have significantly impacted the healthcare domain, leading to the development of intelligent systems for diagnosis, monitoring, and treatment. This Special Issue explores the intersection of IoT technologies with artificial intelligence (AI), machine learning (ML), deep learning (DL), quantum computing, and other cutting-edge techniques to revolutionize healthcare delivery. The next-generation connectivity provided by 5G and the emerging 6G networks promises to further accelerate the evolution of IoT-based healthcare systems; 5G enables ultra-low latency, faster data transfer rates, and the massive connectivity required for real-time health monitoring, remote diagnostics, and telemedicine. With the advent of 6G, even higher speeds, integrated AI systems, and ubiquitous connectivity will support more sophisticated healthcare applications, including AI-powered telehealth, autonomous medical devices, and immersive remote care experiences. This Issue highlights novel approaches, challenges, and advancements in this field, showcasing innovative research on AI- and ML-based models, telemedicine, and healthcare applications.

### Guest Editors

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### Deadline for manuscript submissions

25 December 2025



## Sensors

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CiteScore 8.2  
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### Message from the Editor-in-Chief

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