

Special Issue

Precision Health 2.0: Integrating Data from Wearables and AI for Next- Generation Personalized Care

Message from the Guest Editor

In the rapidly evolving landscape of precision health, the integration of clinical data, wearable technologies, and artificial intelligence is redefining the way in which we approach personalized care. By combining sensor-derived data with electronic health records and AI-driven analytics, healthcare systems can gain real-time insights into patient conditions, enabling earlier interventions and more-tailored treatment strategies. This synergy not only enhances disease monitoring and risk prediction but also supports the development of adaptive, patient-centered therapeutic approaches. Collaboration among clinicians, technology developers, and data scientists is essential to ensuring that these innovations translate into practical healthcare solutions. This Special Issue invites contributions that explore how wearable devices, AI algorithms, and clinical practice can be seamlessly integrated to enable next-generation personalized care. We welcome submissions of original research, experimental studies, and comprehensive reviews, focusing on data-driven approaches, remote monitoring, predictive modeling, and real-time decision support in healthcare.

Guest Editor

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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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