

Special Issue

Innovative Approaches and Tools for Healthcare and Medical Applications

Message from the Guest Editors

This Special Issue, “Innovative Approaches and Tools for Healthcare and Medical Applications”, aims to showcase cutting-edge advancements and methodologies shaping the future of healthcare.

It spans a broad spectrum of innovations with transformative potential, encompassing areas such as telemedicine and remote monitoring systems, wearable health technologies, robotics in surgery and rehabilitation, nanotechnology applications, smart sensors integrated with the Internet of Things (IoT), bioinformatics and genomics, augmented and virtual reality (AR/VR) for medical training, blockchain solutions for healthcare, cybersecurity in medical systems, 3D printing technologies, biomaterials for advanced therapeutics, and digital therapeutics and mobile health applications.

Each of these domains contributes to a paradigm shift in healthcare by addressing critical challenges such as accessibility, efficiency, and patient-centered care.

Researchers are invited to contribute original studies, case reports, and reviews that investigate novel systems, technologies, and approaches designed to improve healthcare outcomes.

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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