

Special Issue

Technical Advances in AI-Based Healthcare

Message from the Guest Editors

This Special Issue aims to showcase novel research and/or technical advancements of artificial intelligence solutions that transform healthcare access and delivery to achieve the best patient outcomes. It aims to include a sweep of innovations from diagnostic algorithms to predictive analytics that guide preventive strategies to AI-generated personalized treatment avenues. The topic highlights how AI can help to solve some of the trickiest problems in contemporary healthcare, including increasing accuracy in diagnostics, improving patient care, and maximizing clinical workflows through the demonstration of these advancements. It highlights initiatives to address ethical and regulatory challenges with the intention of encouraging responsible and impactful global AI integration into health systems. Research areas may include (but not limited to) the following:

- Artificial intelligence in healthcare;
- Machine learning in medicine;
- Diagnostic algorithms;
- Healthcare automation;
- Ethical AI and privacy.

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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.

Editor-in-Chief

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