

## Special Issue

# Research on Artificial Intelligence in Healthcare

### Message from the Guest Editor

Artificial intelligence (AI) is revolutionizing healthcare by enabling more precise, efficient, and personalized medical services; through machine learning and natural language processing, AI systems can analyze vast amounts of medical data, aiding in the early diagnosis and treatment of diseases. AI-powered tools enhance imaging diagnostics, automate administrative tasks, and improve patient care workflows. In predictive analytics, AI can identify health risks and optimize treatment plans, reducing healthcare costs. Robotic systems are transforming surgery with improved precision and reduced recovery times, while AI-driven chatbots and virtual assistants can support patient engagement and mental health. Despite its transformative potential, challenges such as data privacy, ethical considerations, and regulatory hurdles remain. Ongoing research and innovation promise a future where AI further empowers healthcare professionals and enhances patient outcomes globally. In this Special Issue, we welcome theoretical and practical research addressing AI in healthcare.

### Guest Editor

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### Deadline for manuscript submissions

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## Applied Sciences

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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.

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### Editor-in-Chief

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