Special Issue

Applications of Artificial Intelligence in Healthcare

Message from the Guest Editor

Artificial intelligence (AI) is rapidly revolutionizing healthcare globally, offering emerging and transformative solutions for problem diagnosis, patient treatment, patient management, and medical research. This Special Issue aims to explore the latest advancements, methodologies, and real-world applications of AI in healthcare sectors. We welcome contributions from multidisciplinary domains to foster collaboration and innovation in this rapidly evolving domain. We invite high-quality original research articles, reviews and surveys, and case studies and use cases that showcase innovative and emerging AI-driven solutions in areas including, but not limited to, the following:

- Machine learning and deep learning applications in disease prediction;
- AI-powered diagnostics and medical imaging;
- AI in personalized medicine and drug discovery;
- Natural language processing for clinical decision support;
- Ethical, regulatory, and privacy considerations in AI-driven healthcare;
- Robotics and automation in surgery and patient care;
- AI applications in telemedicine and remote patient monitoring.

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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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