

Special Issue

Advances in Artificial Intelligence for Biomedicine

Message from the Guest Editor

Artificial intelligence (AI) has made significant contributions to the field of biomedicine, revolutionizing biomedical research. The integration of AI in biomedicine has great promise for enhancing diagnostics, drug discovery, personalized medicine, and overall patient care. This Special Issue will aim to explore the potential of using AI technologies in biomedicine to improve diagnostics, accelerate drug discovery, enable personalized medicine, and optimize healthcare operations. Both theoretical and experimental studies are welcome, as well as comprehensive review and survey papers. **Topics of interest for this Special Issue include, but are not limited to, the following:**

- Medical imaging analysis;
- AI for diagnosis prognosis;
- AI for genomics and personalized medicine;
- AI for drug discovery and development;
- Natural Language Processing (NLP) in Electronic Health Record (EHR) analysis;
- AI in medical robotics and surgery;
- AI for remote patient monitoring.

Guest Editor

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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.

Editor-in-Chief

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