



Novel Applications of Artificial Intelligence in Medicine and Health

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Message from the Guest Editors

Innovative solutions that make use of digital technologies, including eHealth, Big Data, and AI, are seen by clinical professional as opportunities to transform healthcare systems and patient health. Stakeholders Communication on enabling the digital transformation of health and care in the Digital Single Market discusses the challenges that healthcare systems are facing and the need for new technologies and approaches that better leverage data. By allowing for the smart, efficient, and safe use of patient data, AI tools can be better utilized to improve healthcare for the benefit of patients and their care givers, health care systems and the economy as a whole.

This Special Issue on “Novel Application of artificial intelligence in Medicine and Health” welcomes the submission of works dedicated to novel AI approaches for medical image analysis by incorporating innovative strategies.

Keywords

- artificial intelligence; medical imaging;
- computer vision;
- machine learning;
- eHealth;
- computational intelligence;
- biomedical image analysis;
- radiomics;
- radiogenomics;
- bioinformatics;
- computational biology;
- Big Data;





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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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