Artificial Intelligence (AI) in Biomedicine

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Message from the Guest Editor

AI in biomedicine includes both basic as well as clinical research with information of many biomedical disciplines and areas of speciality. Through these applications, AI expects to help transform the world of medicine by training models that predict how the phenotype and genotype are defined and enables the exploration of biomedical diagnosis and therapies.

This Special Issue aims to provide a place covering the applications of AI to different aspects of biomedicine.

Applications of AI in molecular biology and biochemistry
Applications of AI in bioinformatics and system biology
Applications of AI in genomics and genetics
Applications of AI in drug discovery and development
Applications of AI in biomedical imaging
Applications of AI in disease diagnosis and prognosis
Applications of AI in clinical decision support systems
Applications of AI in biomedical and health informatics
Big data analysis in biomedicine
Natural language processing in biomedical text mining

Special Issue

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