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AI and Precision Medicine: Using Machine Learning for Disease Diagnosis and Prediction

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Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

In this Special Issue, we aim to explore the intersection of AI and precision medicine, with a specific emphasis on machine learning approaches. We invite researchers and experts in the fields of AI and precision medicine to submit their original research articles, reviews on the following topics:

1. Early disease detection: Innovations in AI and machine learning for the early diagnosis of diseases.
2. Risk prediction: Predictive models utilizing patient data, genetics and environmental factors to assess an individual's risk of developing specific diseases.
3. Personalized treatment: Approaches to tailoring medical treatments.
4. Diagnostic imaging: Advancements in AI for analyzing medical imaging data to enhance diagnostic accuracy.
5. Genomic analysis: Research focusing on machine learning applications in genomics, transcriptomics, and proteomics for understanding disease mechanisms.
6. Clinical Decision Support: Applications of AI as clinical decision support tools for professionals in diagnosis and treatment planning.



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The Special Issue aims to provide a platform for the exchange of ideas, discussion, and dissemination of cutting-edge research in this area.

Special Issue



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Message from the Editor-in-Chief

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