



## Artificial Intelligence-Based Diagnostics and Biomedical Analytics

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### Message from the Guest Editors

Dear Colleagues,

The field of Artificial Intelligence (AI) has made significant strides in recent years, leading to advancements in various fields including biomedical research and diagnostics. The use of AI-based techniques in biomedical analytics has opened up new avenues for the development of disease diagnosis, treatment, and drug discovery. This Special Issue aims to highlight the latest research and breakthroughs in AI-based diagnostics and biomedical analytics.

The topics include but not limited to, the following:

- AI-based methods for medical image analysis and interpretation;
- AI-based methods for the prediction and diagnosis of diseases;
- AI-based methods for early disease detection and prevention;
- AI-based methods for disease prognosis and survival prediction;
- AI-based methods for precision medicine;
- AI-based methods for genomics;
- AI-based drug discovery and personalized medicine;
- AI-based medical decision support systems;
- Biomedical data mining and knowledge discovery;
- Ethical considerations in AI-based diagnostics and biomedical analytics.



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