

Special Issue

Machine Learning in Disease Diagnosis and Treatment: 2nd Edition

Message from the Guest Editor

Nowadays, machine learning (ML) algorithms are revolutionizing disease diagnosis and treatment, offering enhanced accuracy and efficiency over traditional methods. This Special Issue, titled “Machine Learning in Disease Diagnosis and Treatment: 2nd Edition”, explores the transformative impact of ML on medical diagnostics and therapeutic strategies. This collection showcases research on the integration of ML with (epi)genomic, transcriptomic, proteomic, and clinical data to uncover novel biomarkers and enhance the understanding of disease mechanisms at a molecular level. Key topics include the development of predictive models for early disease detection and prognosis, innovative applications of ML in analyzing complex biological data, and the integration of artificial intelligence in personalized treatment plans. This Special Issue underscores the potential of ML to revolutionize precision medicine, offering insights into how these technologies can lead to more accurate diagnostics, tailored therapies, and improved patient outcomes.

Guest Editor

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