Special Issue

The Intersection of Multi-Omics Data and Machine Learning in Medicine

Message from the Guest Editor

The integration of multi-omics data and machine learning in medicine has gained significant momentum, revolutionizing our understanding of disease mechanisms and personalized treatment. Multi-omics data analysis, encompassing genomics, transcriptomics, proteomics, metabolomics, and epigenomics, provides a holistic view of biological systems. Leveraging machine learning algorithms, researchers can extract valuable insights, including disease biomarkers and predictive models, with the potential to transform healthcare outcomes. Original research articles that present novel findings and insights in the integration of multi-omics data and machine learning techniques in medicine; new methodologies, algorithms, or computational tools specifically designed for the analysis and interpretation of multi-omics data in the context of medicine; papers that discuss the ethical considerations and challenges associated with the use of multi-omics data and machine learning in medicine are all welcome.

Guest Editor

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Message from the Editor-in-Chief

Journal of Personalized Medicine (*JPM*; ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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