

Special Issue

Bioinformatics Tools and Machine Learning Methods for Biomarker Discovery

Message from the Guest Editors

This Special Issue aims to compile cutting-edge research and advancements in bioinformatics tools and machine learning methods specifically tailored for the discovery and validation of biomarkers in various diseases and health conditions. Biomarkers play a pivotal role in disease diagnosis, prognosis, treatment selection, and monitoring, and this Special Issue seeks to spotlight the innovative methodologies and computational approaches driving biomarker discovery. This Special Issue welcomes diverse contributions from researchers and experts across bioinformatics, computational biology, health informatics, and related domains to share their original research, methodologies, reviews, and perspectives on themes including machine learning in biomarker discovery, multi-omics integration, NGS data analysis, single-cell omics, the clinical validation of biomarkers, and addressing challenges and future directions in biomarker discovery.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

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