Artificial Intelligence in Biomarker Discovery

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Message from the Guest Editor

Dear Colleagues,

Biomarkers are the cornerstone of precision medicine: identified as measurable indicators of some biological state or condition, they promise to offer solutions for accurate diagnosis, prognosis, and therapeutic monitoring. Over the last 2 decades, the high throughput technology in biomedicine has demonstrated significant advancements, leading to a vast accumulation of publicly available precious x-omics high dimension biological datasets, presenting welcoming opportunities for new science.

Potential topics include but are not limited to machine learning for biomarkers in precision oncology, machine learning tools for feature selection or dimensionality reduction in molecular biology, text mining tools and pathway analysis for biomarker exploration, artificial intelligence in microbiome analysis, artificial intelligence in epigenetic biomarkers and epitranscriptomics, machine learning tools in drug discovery, biomarker retrieval and knowledge reasoning systems in molecular biology, and data integration in biomedical or biomarker research.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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