

Special Issue

Recent Advances in Biomarkers and Technologies That Support Preventive Medicine, Improved Clinical Outcomes and Value-Based Care

Message from the Guest Editors

Healthcare is rapidly evolving, empowered by the development of new technology and automation. Clinical laboratories should keep pace with these changes to stay relevant and deliver cost-effective care and improved outcomes. Towards this goal, this Special Issue will focus on new blood-based biomarkers (single and multiplex assays) and technologies that enable early diagnoses, continuous monitoring, automation and easy implementation in rural and underserved areas to deliver value-based care. Topics include, but are not limited to, the following:

- a: New biomarkers or panels for the early detection of cancer, brain injury and neurological defects;
- b: Advancements in fluorescence labeling and detection technologies that facilitate the quantitation of proteins in lower ranges (below picograms per milliliter);
- c: Technologies that support the continuous monitoring of electrolytes, lactate, high-sensitivity troponin and other critical markers;
- d: Near-patient testing platforms that allow both CBC and metabolic panel testing.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2025)



Diagnostics

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Impact Factor 3.3
CiteScore 5.9
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mdpi.com/si/218862

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