

Special Issue

Biomarker-Guided Advances in Diagnostic Medicine

Message from the Guest Editor

Biomarkers are measurements of biological variables, which can be detected in different tissues, blood and other body liquids. In addition, the rapid development of microbiome studies allows us to search biomarkers “outside of ourselves”. The huge biological variety leads to an almost limitless number of putative prognostic and predictive biomarkers. On the one hand, this allows us to employ many techniques, encompassing genomics, transcriptomics, proteomics and metabolomics, in combination with bioinformatics and AI. On the other hand, there are strong restrictions that have been determined by clinical settings: biomarkers should preferably be non-invasive, stable, reproducible, have high predictive power and be relatively cheap. In this Special Issue, we aim to provide a platform for communication on the progress of biomarker identification and use in healthcare.

Guest Editor

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