

Special Issue

Recent Advances in Clinical Biochemistry

Message from the Guest Editor

This Special Issue titled "Recent Advances in Clinical Biochemistry" features a compilation of groundbreaking research and updates in the field of clinical biochemistry, highlighting pioneering research and advancements specifically in the diagnostic arena. It delves into the development of novel biomarkers and biotechnological innovations that enhance the early and accurate detection of diseases. The issue covers the latest techniques in proteomic and metabolomic profiling, which are pivotal in identifying disease-specific patterns. It also explores the integration of high-throughput technologies, such as next-generation sequencing and mass spectrometry, in clinical diagnostics. Furthermore, the role of artificial intelligence and machine learning in interpreting complex biochemical data is discussed. This Special Issue underscores the importance of clinical biochemistry in advancing medical diagnosis through innovative and robust methodologies. In addition, this Special Issue will address challenges and opportunities to optimize diagnostic stewardship efforts in all areas of the medical laboratory.

Guest Editor

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