

Special Issue

Current Advances in Diagnosis and Treatment of Sepsis

Message from the Guest Editor

Welcome to our Special Issue on “Current Advances in Diagnosis and Treatment of Sepsis”, a timely exploration into the innovative diagnostic tools and artificial intelligence (AI) models reshaping sepsis management. Sepsis remains a global health crisis that demands rapid and accurate diagnosis to improve patient outcomes significantly. This issue highlights cutting-edge diagnostic technologies, including rapid biomarker assays and portable point-of-care devices, which represent leaps toward earlier detection and intervention. Equally, we delve into the transformative potential of AI and machine learning in predicting sepsis, analyzing vast datasets to unveil patterns and predictions that surpass traditional methods. Our scope extends to novel treatment strategies, from targeted antimicrobial therapies to immune-modulating techniques, showcasing comprehensive advances in combating this complex condition. We invite researchers and practitioners to contribute insights and findings that propel our understanding and capability in diagnosing and treating sepsis, aiming to foster a multidisciplinary dialogue underpinning future breakthroughs in sepsis care.

Guest Editor

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Message from the Editor-in-Chief

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.

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