

## Special Issue

# Application of Artificial Intelligence to Advance Individualized Diagnosis and Treatment in Emergency and Critical Care Medicine

### Message from the Guest Editor

This Special Issue welcomes articles addressing, but not limited to, the following specific topics:

Predictive analytics for the risk stratification of emergency and critically ill patients.  
Diagnostics for critical syndromes such as sepsis, acute respiratory failure and acute circulatory failure.  
Biomarkers for the differentiation of critical syndromes.  
Individualized treatment strategies for patients with rapidly changing conditions.  
Subphenotypes of heterogeneous populations in emergency and critical care settings.  
Bioinformatics analysis with transcriptomes to develop individualized management.

Reviews, opinions, original articles and secondary analysis are welcome.

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### Guest Editor

Dr. Zhongheng Zhang

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### Deadline for manuscript submissions

closed (31 March 2024)



## Diagnostics

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**Impact Factor 3.3**  
**CiteScore 5.9**  
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## About the Journal

### Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Andreas Kjaer  
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).