







an Open Access Journal by MDPI

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

Guest Editor:

#### Dr. Zhongheng Zhang

Department of Emergency Medicine, Sir Run Shaw Hospital, Zhejiang University School of Medicine, Hangzhou 310016, China

Deadline for manuscript submissions:

closed (31 March 2024)

## **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 heterogenous populations ir emergency and critical care settings.

Bioinformatics analysis with transcriptomes to develop individualized management.

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













an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Andreas Kjaer

Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

## **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.

#### **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Medicine, General & Internal*)

#### **Contact Us**