# Special Issue

# Artificial Intelligence for Clinical Application

### Message from the Guest Editors

Artificial intelligence (AI) offers a variety of advantages over traditional analytics and clinical decision-making techniques. Deep learning (DL) based algorithms can become more effective and accurate as they interact with training data, allowing professions to gain unprecedented insights into diagnostics, care processes, treatment variability, and patient outcomes. This Special Issue aims at supporting decision-based medical tasks through Artificial intelligence-based solutions that ultimately support and improve the performance of a human care provider. Papers must refer to real-world medical domains, considered and discussed at the proper depth, from both the technical and the medical points of view. The inclusion of a clinical assessment of the usefulness and potential impact of the submitted work is strongly recommendedOriginal research articles and reviews are welcome. Research areas may include (but not limited to) the following: Computer Aided Diagnosis

Radiomics
Image Segmentation
Image Registration
Surgical Applications
Clinical Reports Generation
Robotics and Al
Biomedical Time series analysis and forcast
Federated learning

### **Guest Editors**

Prof. Dr. Linlin Shen

Dr. Paolo Soda

Dr. Xuechen Li

### Deadline for manuscript submissions

closed (29 February 2024)



## Healthcare

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### Message from the Editor-in-Chief

Healthcare is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

Healthcare hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special

We would be pleased to welcome you as one of our authors.

### Editor-in-Chief

issues.

Prof. Dr. Lorraine S. Evangelista

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### **Author Benefits**

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### Rapid Publication:

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