

## Special Issue

# Advancements in Artificial Intelligence and Data Science for Cardiovascular Health

### Message from the Guest Editor

Cardiovascular disease is the highest cause of mortality worldwide. Machine learning approaches are increasingly being applied in the field and provide a better understanding of various predictors of cardiovascular diseases. In this issue, we are seeking to obtain insight into the advances that these methods and techniques have brought into the field. The topics of interest include, but are not limited to, the following: Accelerating patient benefit in cardiology using artificial intelligence;

Artificial intelligence for public health;

Cardiac image processing;

Data mining in cardiology;

Decision support systems in cardiovascular health;

Digital cardiology;

Machine learning and deep learning methods in cardiovascular health;

Machine learning in drug development in cardiology;

Machine learning to handle cardiology hospital records;

Personalised cardiology using machine learning;

The prediction of cardiovascular risk (hypertension, myocardial infarction, atherosclerosis, stroke, etc.).

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2024)



## Healthcare

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Impact Factor 2.7  
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## About the Journal

### 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 issues.

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

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### Editor-in-Chief

Prof. Dr. Lorraine S. Evangelista

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