

## Special Issue

# The Role of AI in Predictive and Prescriptive Healthcare

### Message from the Guest Editor

This Special Issue aims to showcase the latest advancements and explore the diverse applications of AI and data science in healthcare, medicine, and population health. We welcome submissions that align with the journal's focus on high-quality, impactful research relevant to healthcare professionals and researchers.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Machine learning in medical diagnosis and prediction;
- AI-powered medical image analysis (e.g., radiology, pathology);

- Natural language processing for clinical decision support;

- AI for personalized medicine and patient stratification;

- AI-driven wearables and remote patient monitoring;

- Challenges of AI in healthcare.

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### Guest Editor

Dr. Matthew Chin Heng Chua

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### Deadline for manuscript submissions

30 May 2026



## Healthcare

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## About the Journal

### Message from the Editor-in-Chief

*Healthcare* is an international, scientific, peer-reviewed, open access journal on health care systems, industry, technology, policy, and regulation, and is published semimonthly online by MDPI. Ocular Wellness & Nutrition Society (OWNS) is affiliated with Healthcare and its members receive discounts on article processing charges.

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### Editor-in-Chief

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#### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), PubMed, PMC, and other databases.

#### Journal Rank:

JCR - Q2 (Health Policy and Services) / CiteScore - Q1  
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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 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).