

Special Issue

AI-Driven Healthcare: Transforming Patient Care and Outcomes

Message from the Guest Editor

The emergence of Artificial Intelligence in healthcare is offering transformative solutions to improve patient care and enhance the efficiency and effectiveness of the healthcare system. With a worldwide shortage of healthcare professionals, ageing populations, and high prevalence of non-communicable diseases, AI in Healthcare has great potential in restructuring the way we approach patient care, disease management decisions, and resource utilization. AI-based approaches such as machine learning and deep learning are being used for clinical decision support, chronic disease risk prediction, disease prognosis, personalized medicine, and image analysis. Chatbots and AI scribe using Natural Language Processing, a branch of AI, have shown usefulness in automation of routine clinical tasks, such as triage, patient education, automation of clinical documentation, pre-authorization, and clinical trial matching. We are pleased to invite researchers as well as clinicians to submit original articles and reviews to highlight the advancement, possibilities, complexities, and challenges that AI offers in improving patient care and outcomes.

Guest Editor

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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.

Editor-in-Chief

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