



## Artificial Intelligence Algorithms in Healthcare

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 July 2024)**

### Message from the Guest Editor

We invite you to submit your research to this Special Issue, “Artificial Intelligence Algorithms in Healthcare”, which will focus on the area of artificial intelligence methods and algorithms applied to healthcare. The articles have to present new methods related to artificial intelligence and computer science algorithms with a high impact on the medical or healthcare domain. Potential topics include, but are not limited to: AI-based clinical decision making; natural language processing in medicine; data analytics and mining for biomedical decision support; new computational platforms and models for biomedicine; intelligent exploitation of heterogeneous data sources aimed at supporting decision-based and data-intensive clinical tasks; machine learning and deep learning in medicine and healthcare; artificial intelligence methods in computer-aided diagnostic tools and decision support analytics for clinical informatics; and deep learning in precision medicine.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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