







an Open Access Journal by MDPI

Advances of Decision-Making Medical System in Healthcare

Guest Editor:

Dr. Jia Wu

- 1. Research Center for Artificial Intelligence, Monash University, Melbourne, Clayton, VIC 3800, Australia
- 2. School of Computer Science and Engineering, Central South University, Changsha 410083, China

Deadline for manuscript submissions:

closed (31 March 2023)

Message from the Guest Editor

Decision-making medical systems (DMSs) refer to decision strategies or methods in healthcare. They are a process involving ideas and decisions about certain events, and they are a complex process in terms of operations. They include information collection, processing, judgments, and conclusions. DMSs are a subject that looks into computer simulations and assesses certain thinking processes and intelligent behaviors of humans. DMSs can help us to make the best choices. The most commonly used artificial intelligence and learning machine tools for decision making are genetic algorithms, cellular automata, and agent-based models. The aim of this Special Issue is to bring together original research and review articles discussing how artificial intelligence and learning machines in decision making help to conduct further research in computer science, engineering, physics, mathematics, and medicine public policy. This Special Issue aims to provide a platform for researchers to discuss their new findings in understanding how artificial intelligence can solve issues related to decision-making medical systems.













an Open Access Journal by MDPI

Editor-in-Chief

Dr. Rahman Shiri

Finnish Institute of Occupational Health, FI-00032 Työterveyslaitos, Finland

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q2 (*Health Policy & Services*) / CiteScore - Q2 (*Leadership and Management*)

Contact Us