Advances of Decision-Making Medical System in Healthcare

Guest Editor:

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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.

Special Issue