Computing and Artificial Intelligence Techniques for Healthcare Applications

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

To expand the scope and ease of the applicability of machine learning, it is highly desirable to make learning algorithms less dependent on handcrafted feature engineering, so that novel applications can be constructed faster and, more importantly, progress toward artificial intelligence (AI) can be made.

This Special Issue aims to target recent computation and machine learning techniques as well as some of the state-of-the-art applications in the healthcare areas such as bioinformatics, bioprocess systems, biomedical systems, biomedical physics, and bioecological system. This Special Issue will consider original research articles and review articles on computational and intelligent methods in healthcare and their applications. We wish to gather relevant contributions introducing new techniques for the study of complex healthcare systems driven by computational methods. Papers on interdisciplinary applications are particularly welcome. We also encourage authors to make their codes and experimental data available to the public, so that our Special Issue can be more infusive and attractive.

Special Issue