



Application of Machine Learning Algorithms for Biological Data and Biological Systems

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Biological data are collected from a variety of sources, including humans, animals, and viruses. Research on these data has emerged in many fields, such as genetics, proteomics, and healthcare applications, to name a few. Presently, thanks to the development of computer technology, extracting useful data from raw biological data and deciphering intricate biological data has become more feasible through the application of machine learning techniques.

The purpose of this Special Issue is to publish recent developments in machine learning applications for biological data. We invite researchers to submit their research articles and reviews to this Special Issue. Example topics include (but are not limited to) the following, which relate machine learning applications to biological data:

- Use of machine learning algorithms for investigating biological systems;
- New machine learning algorithms;
- Genetics/genomics;
- Proteomics;
- Medical image analysis and diagnosis;
- Drug discovery/development;
- Healthcare applications.





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Message from the Editor-in-Chief

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