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Recent Advances of Deep Learning and Machine Learning in Bioinformatics

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Deadline for manuscript submissions:

closed (27 May 2022)

Message from the Guest Editors

A Special Issue on the topic "Recent advances of Deep learning and Machine learning in Bioinformatics" is being prepared for the journal Life. In recent years, machine learning is one of the most exciting tools that have entered the bioinformatics toolbox. The statistical method has already proved to be capable of considerably speeding up both fundamental and applied research in the field. At present, we are witnessing an explosion of works that develop and apply machine learning and deep learning to bioinformatics and computational biology. We begin a Special Issue which accepts the manuscript of the most recent research on this topic.

The Special Issue will cover but not be limited to the following research topics:

- Protein structure and function prediction
- Next-generation sequencing
- Integration of omics data
- Prediction model
- SARS-coV-2 and machine learning
- Resources for advancement of the field
- Review articles summarizing the progress of machine learning/Deep learning in Bioinformatics.



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Special issue



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Message from the Editor-in-Chief

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