Special Issue

The Applications of Machine Learning in Biomedical Science

Message from the Guest Editors

This Special Issue aims to promote and critically discuss original and recent advances in AI (machine learning and deep learning) tools in biomedical science and to cover several applications such as diagnosis, prognosis, and treatment of disease. Teams are invited to present recent advances, challenges, and opportunities in biomedical science applications using AI. Submissions with valid clinical assessments and potential impact are strongly recommended. High-quality papers are welcome with topics that include, but are not limited to:

- Development of deep learning architectures for biomedical data.
- Biomedical signal and image processing and analysis.
- Multimodal learning and prediction.
- Biomedical image classification and segmentation.
- Design diagnostic, prognostic, and grading applications using histology and clinicopathological data.
- Explainability AI for biomedical data analysis.
- Keywords
 - machine and deep learning
 - digital pathology
 - biomedical image analysis
 - multimodal learning
 - explainability Al

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2023)



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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