

Special Issue

Machine Learning-Based Heart, Brain and Nerve Tissue Engineering

Message from the Guest Editor

The last decade has seen an unprecedented growth in the success of machine learning in a variety of applications. We have also seen a fast growth in the use of advanced machine learning techniques in biomedical related applications. However, researchers face new challenges in dealing with these biomedical data. For example, labeled biomedical data is limited and the labeling is expensive. Furthermore, significant subject variability challenges the performance of the algorithms for real-life use. In this Special Issue, we would like to invite submissions for innovative research in the development of advanced machine learning algorithms, efficient implementation of such algorithms and smart point-of-care and wireless devices for biomedical applications in heart, brain and nerve tissue.

Guest Editor

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Deadline for manuscript submissions

closed (18 March 2022)



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Editor-in-Chief

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