Special Issue

Artificial Neural Network Applications in Healthcare and Biomedical Engineering

Message from the Guest Editors

In recent years, artificial neural networks (ANNs) have become popular for classification, clustering, pattern recognition, and prediction in many disciplines. Based on their practical performance and wide scope, ANNs work to solve the complex problems in the areas of Healthcare and Biomedical Engineering and to improve our life qualities. This Special Issue entitled "Artificial Neural Network Applications in Healthcare and Biomedical Engineering" aims to collect more advances and applications of ANNs, including but not limited to the following topics:

- Artificial neural network;
- Pattern recognition;
- Image processing;
- Classification;
- Machine learning;
- Deep learning;
- Biomedical Engineering;
- Healthcare.

We welcome researchers to contribute to this Special Issue and share their findings regarding the wild future of artificial neural network applications.

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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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