Computational Intelligence in Bioinformatics and Computational Biology

Guest Editor:

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Deadline for manuscript submissions:
closed (31 October 2022)

Message from the Guest Editor

Computational Intelligence (CI) is used in the area of bioinformatics (BI) for the purpose of advancing the area of computational niology (CB) and facilitating discoveries from biological data. Many methods, including fuzzy logic, neural networks, machine learning, and soft computing, could be applied to gene expression clustering and classification, protein function prediction and its structure, gene selection, and so on.

The aim of this Special Issue is to collect high-quality papers in related fields that clarify the applications of computational intelligence in bioinformatics and computational biology.

We invite researchers to contribute original research articles and reviews on several pertinent topics, including but not limited to:

- Bioinformatics;
- Computational biology;
- Algorithms and data structures;
- Graph theory;
- Parallel computing.

Dr. Vincenzo Bonnici
Guest Editor

Special Issue

Editor-in-Chief

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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.

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