Special Issue

Computer Science Disruption in the Biotechnology Processes

Message from the Guest Editors

Biological-based industries such as foods, cosmetics, and health provide today a wide range of products to humanity. Biological science is constantly evolving and creating bonds of interdisciplinary collaboration, those bonds having the ability of exponential growth due to fact that they act as field boundary erasers. Data structures and mining along with computational processes such as optimizations based on statistical designs and mathematical modeling, or artificial intelligence performing pattern recognition, neural networks have already begun to steer their courses within the applied biological-based sciences. Therefore, the scope of this Special Issue, under the umbrella of "data management, analysis and machine learning techniques applied to biotechnological processes", welcomes research in the format of original research papers, case studies, systematic reviews, and new insights. Keywords: Agriculture/Food/Industries 4.0 Bioinformatics and Biotechnology Cosmetics and healthcare Data analysis and optimizations Natural Products Artificial Intelligence

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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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