

Special Issue

Industrial Biotechnology Applications in Medicine, Agroindustry, Aquaculture, Biofuel, and Environmental Areas

Message from the Guest Editors

Biotechnology has application in five major industrial areas, medicine, agriculture, aquaculture, biofuel and environment. It is well-known that biotechnology uses organisms or parts of them to benefit of humanity, reducing waste, controlling specific reactions, producing novel compounds for therapeutics, improving waste treatment, producing nutraceuticals, etc. All biotechnological applications consider at least one key point for sustainability.

This Special Issue welcomes high-quality papers in the huge field of industrial biotechnology applications, focused on the resilient value of biotechnology for sustainable development. The Special Issue will publish papers in the areas of biopharmaceutical production, gene therapy, genetic improvement of crops, biochemical food processing, aquaculture biotechnology, biofuel production and improvement, bioremediation, phytoremediation, phycoremediation, molecular toxicology, novel cell culture methodologies, and bioinformatics. We encourage submissions of papers highlighting novel application for sustainability.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Facundo Joaquín Márquez Rocha

Dr. Izabela Michalak

Prof. Dr. Katarzyna Chojnacka

Dr. Jorge Olmos-Soto

Deadline for manuscript submissions

closed (30 September 2023)



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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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