



Sustainable Processes Development in BioTechSciences

Guest Editors:

Prof. Dr. Tonči Rezić

Prof. Dr. Anet Režek Jambrak

Prof. Dr. Munis Dundar

Prof. Dr. Anita Slavica

Deadline for manuscript
submissions:

closed (28 February 2022)

Message from the Guest Editors

The Special Issue focuses on sustainable process development in bioprocesses, biosciences, life sciences, from the lab-scale to the industrial level and biorefinery. Different area of sustainable processing like, biorefinery, alternative food processing, environmental impact of biotech processes, life cycle assessment of specific products is highly invited.

A biorefinery is a facility that integrates biomass conversion processes and equipment to produce bio-products from biomass. Biorefineries will have to employ the best possible processes (for biomass cultivation, harvesting, storage and transport, pre-treatment, fermentation, and bio-chemical conversion) to ensure efficient bio-based production. Nevertheless, numerous technical, strategic, and commercial challenges must be overcome to reinforce importance of bio-based production.

Topics of interest in this Special Issue include but are not limited to:

- production of biofuels, biochemical, biopolymers, nutraceuticals and enzymes.
- water-food nexus, reuse of by-product and innovative treatment of wastewater,
- calculation of environmental impact and life cycle assessment.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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