

## Special Issue

# Advances in Biotechnological Processes: The Challenges of Accurate Analytical Methods

### Message from the Guest Editors

Biotechnological processes are intrinsically correlated to the sustainable future of the world, for instance microalgae can mitigate CO<sub>2</sub> and produce protein and lipids simultaneously. Further, fungi, bacteria, and yeasts can produce compounds of interest. However, these processes are quite complex; thus, it is fundamental to apply accurate analytical methods to control them. These methods are constantly developed and improved. The COVID-19 pandemic showed the need to quickly develop fast, reliable, and low-cost detection methods. Classic methods, such as spectrometry, and plate count, among others, are still useful; nevertheless, RMN and mass spectrometry, among others mainly related to omics, provide new information, giving a deeper comprehension of processes. Therefore, this Special Issue lays out biotechnological process control, in particular the analytical methods applied to control them.

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### Guest Editors

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## Applied Sciences

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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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### Editor-in-Chief

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