



## **Lactic Acid Fermentation and the Colours of Biotechnology**

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### **Message from the Guest Editor**

The heterogeneous class of lactic acid bacteria (LAB) have represented a continuous reservoir of biotechnological productions for millennia. In the light of recent innovative applications for lactic acid fermentations in the different biotechnological sectors and industries (e.g., food production, agricultural and environmental practices, industrial processes, medical and pharmaceutical solutions), this Special Issue will encompass multiple aspects of LAB-based innovations from the biological understanding (e.g., genomics, proteomics, metabolomics and systems biology; bioinformatics; microbial physiology and metabolism) to the biotechnological development (e.g., strain improvement; bioprocess and metabolic engineering; applied genetics and molecular biotechnology), including aspects dealing with industrialization (e.g., scale up of fermentation processes; downstream processing of fermentation products; bioreactor design; monitoring, biosensors and instrumentation; biosafety and biosecurity).





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## Message from the Editor-in-Chief

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