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Recent Advances in the Chemistry and Microbiology of Beer

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Message from the Guest Editors

Today, beer is one of the most widely consumed alcoholic beverages in the world. Recently, the brewing industry has experienced a significant development through the appearance of craft beers with unique organoleptic characteristics and the use of hybridized or genetically modified microorganisms has been extended with the aim of improving both the brewing processes and the final products.

Sensory properties and composition of beers are significantly influenced by the specific microorganisms involved in their production together with other different factors such as raw materials and the particular conditions under which the several stages involved in the brewing process are carried out. All of this determine the production of unique and exceptional beers with particular organoleptic properties and composition. Many analytical techniques have been proposed to determine those compounds related to organoleptic properties, with emphasis on gas and liquid chromatography and different multivariate statistical techniques have been also applied in order to obtain useful information.



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Special Issue



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Message from the Editor-in-Chief

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