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Biogenic Amines and Food Safety

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Deadline for manuscript submissions:

closed (30 September 2020)

Message from the Guest Editors

The purpose of this Special Issue, “Biogenic amines and food safety,” is to focus on biological, technological and environmental factors affecting the occurrence of biogenic amines (BA) in foods from animal and vegetable origin. The presence of biogenic amines in foods is quite frequent and inevitable; they are naturally present or also deriving from the decarboxylation of amino acids by enzymes of microbial origin, or even produced by transamination of aldehydes by amino acid transaminase. The Special Issue will discuss on two aspects: 1) BA as quality index of processes and of raw materials, intermediates and end products; 2) the risk of creating toxic reactions associate to BA, considering the composition of the whole meal and specific physiological conditions of the consumer too. The knowledge of the biogenic amine levels in foods is important to both consumers and producers, so will also be discussed on possibility to establish a regulatory system as food safety criteria for BA, as already existing for histamine in fishery products.



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Special Issue



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Message from the Editor-in-Chief

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