Special Issue

Cronobacter: Genomics, Biology and Its Impact on Food Safety

Message from the Guest Editors

The genus Cronobacter includes the primary pathogens Cronobacter sakazakii, Cronobacter malonaticus, Cronobacter turicensis, and minor species such as Cronobacter muytjensii, Cronobacter dublinensis, Cronobacter universalis, and Cronobacter condimenti. These foodborne pathogens possess extraordinary adaptabilities that allow for survival, persistence, and pathogenicity. They are found in diverse environments, genome sequences from world-wide Cronobacter strains and omics strategies are opening new vistas of research into the pathogen's biology.

We look forward to receiving your contributions to this Special Issue, in the form of original research or review papers, that will: i) shed light on different perspectives of Cronobacter biology with respect to its survival, persistence, and virulence; ii) highlight current research interests related to Cronobacter, including omics strategies of all kinds; and iii) descriptions of prevention and intervention actions, both from regulatory and research perspectives, to tackle this emerging food safety/public health menace.

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Deadline for manuscript submissions

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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