



New Perspectives on the Action of Probiotics against Food Contaminants

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Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to provide a collection of articles highlighting the intimate mechanisms underlying the detoxification of food contaminants by probiotics. Additionally, the development of probiotic-based functional foods and beverages that are scientifically proven to remove food contaminants is welcome, along with papers related to applications of the biodegradation capacity of probiotics in environmental pollutants.

As Guest Editors of this Special Issue, we encourage scientists to publish their experimental and theoretical results (as research articles, review articles, as well as short communications) related to probiotics as a protective strategy against contaminant toxicity in this Special Issue.

We look forward to your submission.

Keywords: food microbiology; probiotics; next-generation probiotics; functional foods; fermented foods; food contaminants toxicity; chemical contaminants; heavy metals; toxins; pathogens; mechanism of action; health and beneficial properties





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Message from the Editor-in-Chief

"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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