

Special Issue

Microplastics in the Food Chain

Message from the Guest Editors

Microplastics in the environment represent a new type of pollutant. It is known that microplastics can play the role of carrier for various drugs, biocides, and metals, but they can also carry microorganisms. At the same time, it has been shown that the close interaction between chemical contaminants and bacteria on microplastics can facilitate the horizontal transfer of resistance genes, thereby accelerating and spreading microbial resistance to antibiotics. The presence of microplastics in the environment, as well as the spread of antibiotic-resistant bacteria, represents an ongoing problem for many societies. In this Special Issue, we seek to cover the mapping of microplastics in the food chain. Thus, contributions which address all the latest methodological proposals, procedures, and methods concerning microplastics, from their source in wastewater, through the food chain, to humans themselves, are welcome. Papers which discuss antibiotic resistance in model bacteria will also be accepted.

Guest Editors

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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