

## Special Issue

# Food Toxins: Their Toxicity, Biochemistry, and Metabolism

### Message from the Guest Editors

Food toxins are chemical compounds that can contaminate food products during manufacturing, processing, transit, and storage, or they may originate from the raw materials. Natural toxins are produced by bacteria (e.g., cholera toxins, enterotoxins, Shiga toxins, Botulinum toxins), marine algae (e.g., marine biotoxins such as saxitoxins, brevetoxins, domoic acid, okadaic acid, and azaspiracids that accumulate in fish or bivalve molluscs), fungi (e.g., mycotoxins such as aflatoxins, ochratoxin, fumonisins, zearalenone, and deoxynivalenol), and plant-derived toxins like alkaloids and glycoalkaloids. These toxins exhibit diverse chemical structures, biological functions, and toxic activities. In recent years, there has been growing interest in understanding their mechanisms of toxicity and biotransformation due to their impact on human and animal health, as well as concerns about their effects on food security and nutrition. This Special Issue invites original research papers and reviews that provide novel insights into the toxicity, biochemistry, and metabolism of food toxins, aiming to shed light on these critical aspects.

### Guest Editors

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### Deadline for manuscript submissions

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## Foods

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### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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### Editor-in-Chief

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