

## Special Issue

# Natural Toxins from Plant and Food

### Message from the Guest Editor

Toxins are secondary metabolites produced by plants, molds, mushrooms, algae, and bacteria that may impair human and animal health. Numerous plant species are responsible for the poisoning of humans and animals. Mycotoxins are produced by several mold species on numerous foodstuffs such as cereals, nuts, dried fruits, and spices. Mushroom poisonings are caused by the consumption of toxic wild mushrooms, usually misidentified as edible species. Clinical signs of the poisoning are variable depending on the toxin, varying from gastrointestinal irritation to death. The contamination of food by bacterial toxins is a frequent cause of poisoning. This Special Issue aims at collecting original articles and reviews dealing with the occurrence and prevalence, health impacts, mechanisms of toxicity, interactions with other toxicants and/or nutrients, analytical methods for identification and quantification, and strategies to minimize the impact of natural toxins.

### Guest Editor

Prof. Dr. Benito Soto-Blanco

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### Deadline for manuscript submissions

closed (30 September 2022)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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