

Special Issue

Mycotoxins

Message from the Guest Editors

Mycotoxins are referred to as low-molecular-weight secondary metabolites produced by molds (ascomycetes mushrooms) that may have a wide spectrum of adverse effects on humans, animals, and plants. In particular, their almost unavoidable occurrence in food and feed is posing a severe threat to public health, and it is also a possible cause of trade friction on a global scale. Meanwhile, fungal secondary metabolites can also benefit humans in different ways. For instance, they can be used as antibiotics (penicillins) or immunosuppressants (cyclosporine). In this Special Issue, original research findings and review articles dealing with, but not limited to, the mechanisms and modes of action in both animals and plants, treatments to counteract adverse effects in living organisms, strategies to prevent and/or reduce accumulation in the food and feed production chains, innovative strategies of detection, as well as sound evidence pointing to possible beneficial effects of fungal metabolites are considered for publication.

Guest Editors

Prof. Dr. Chiara Dall'Asta

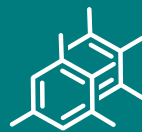
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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, 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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