

## Special Issue

# Basic and Functional Properties of Biopolymer-Based Systems

### Message from the Guest Editors

Biopolymers are valuable materials due to their natural origin, biocompatibility, and biodegradability, as well as their wide range of desirable functional properties, such as the ability to gel and form emulsions, the capacity to interact with other ingredients, and their stabilising, structuring, and protective functions for bioactive ingredients. These properties enable the creation of a variety of systems used in food, cosmetics, pharmaceuticals, packaging, and protective coatings. The wide range of applications of biopolymers drives the continuous search for new raw materials from which they can be obtained using environmentally friendly methods, followed by their appropriate utilisation. The fundamental properties of biopolymers, which determine the functional characteristics of biopolymer-based systems, therefore remain crucial. This Special Issue focuses on the extraction and characterisation of biopolymers, their fundamental and functional properties, as well as their use in the development of systems exhibiting specific functional properties.

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### Guest Editors

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### Deadline for manuscript submissions

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## Molecules

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As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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