

## Special Issue

# Biological and Physiological Properties of Pectins

### Message from the Guest Editors

Research concerning the broad and diverse biological and physiological properties of pectin is flourishing around the world. Studies go from the rediscovery of its antimicrobial activity through its use as a medicinal substance and promising biomaterial in regenerative medicine. It is now clear that the uses of this heteropolysaccharide will soon go well beyond its use as a texturizing agent in the food industry, where the hydrothermally extracted biopolymer is in high demand as the preferred natural hydrocolloid. The aforementioned intense research in the life sciences are almost concomitant to those in green chemistry, which now afford pectins that are far less degraded and of higher bioactivity when compared to the commercial pectin extracted from dried citrus peel or apple pomace using mineral acid in hot water. Hence, we believe that a Special Issue collecting openly accessible research articles, reviews, and commentaries devoted to the biological and physiological properties of pectins in a reputed journal such as *Molecules* is timely and welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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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### Editor-in-Chief

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