



## Advanced Natural Polymeric Materials

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Deadline for manuscript  
submissions:

**closed (15 December 2023)**

### Message from the Guest Editors

Natural polymer materials have been developed and optimized by nature to fulfill specific needs in a wide range of specialized applications. Two specific examples would be structural polysaccharides such as cellulose and hemicelluloses together with aromatic lignin improving the outstanding strength of plant cell walls at the nanoscale and in wood at a macroscopic scale, providing man with building and crafting materials for thousands of years. The second example includes other polysaccharides such as the chitin that is present in the material comprising the main cell wall in the reign of fungi and that constitutes the exoskeletons of insects or shellfish. The vast processing rate of both of the mentioned polymeric materials by man in building material or food production applications, respectively, generates humongous residual lignocellulosic or chitin- compound biomass that has been increasingly used as building blocks for the development of specialized materials in research applications in recent years.

The aim of this Special Issue is to cover natural polymer materials that have found applications for the solutions to modern and innovative research questions.





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## Editor-in-Chief

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