

Special Issue

Natural Polymers in Drug Delivery and Immunotherapeutics

Message from the Guest Editors

It has been well documented that naturally occurring polymers (NOPs) namely polysaccharides are biocompatible and environmentally friendly materials. NOPs particularly polysaccharide types are frequently used as therapeutic agents. Polysaccharide polymers have been demonstrated to be less toxic and have higher biocompatibility and biodegradability than synthetic counterparts. Studies have demonstrated that incorporation of a biologically active compound into the polymeric matrix namely those of natural origin can prevent degradation, control release, improve absorption, enhance therapeutic effect and potentially decrease in frequency of administration. Immune or biological therapy is the treatment of a disease through interaction with the immune system by either activation or suppression. The aim of this special issue is to explore this area, as collectively this research could potentially reduce potential complications and improve the accuracy of immunotherapies through the use of naturally occurring polymers. In addition the issue could also highlight potentially naturally occurring polysaccharides not as commonly established.

Guest Editors

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Deadline for manuscript submissions

closed (25 September 2023)



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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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