## Special Issue

## Biopolymer-Based Materials in Medical Applications, Second Edition

## Message from the Guest Editors

Biopolymer-based materials are materials that are primarily composed of biopolymers, which are natural polymers produced by living organisms. These materials play a significant role in various medical applications due to their biocompatibility, biodegradability, and versatility (drug delivery systems, tissue engineering, wound dressings, surgical sealants and adhesives, orthopedic implants, dental applications, diagnostic devices, vaccine delivery, and so on).

In addition, although biodegradability is an advantage of biopolymer-based materials, it is also a disadvantage because they may easily suffer from wear and tear due to their intensive interaction with the body. Hence, further studies investigating the effect of their treatment and attempting to understand their related biological mechanisms can contribute to the efficient use of these materials in medical applications.

The current Special Issue on "Biopolymer-based Materials in Medical Applications, Second Edition" invites submissions of reviews and original papers that address any interesting topics concerning the effect of therapy with biopolymer-based materials, their biological mechanisms, and their applications.

### **Guest Editors**

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### Deadline for manuscript submissions

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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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