Special Issue

Wood- and Plant-Based Nanocellulose: Applications in the Biomedical Field

Message from the Guest Editors

Nanocellulose derived from wood and plants has been suggested to be used for various applications due to their inherited properties. This is a requirement not easily attainable by vegetable nanocellulose, due to the ordered nature of its chains and the various components within its structure, such as hemicellulose and lignin. Additionally, despite being a bioinert material, there are no enzymes in the human body that degrade this material in vivo. Therefore, this Special Issue is launched to cover recent techniques and synthesis of plant nanocellulose for biomedical applications. Original papers and reviews on, but not restricted to, the following topics are welcomed:

- Blending nanocellulose with biocompatible materials for tissue engineering;
- Functionalisation of nanocellulose for targeted drug delivery;
- Nanocellulose scaffolds for orthopaedic implants

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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

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