Special Issue

Biodegradable Polymer Microcapsules

Message from the Guest Editors

Microencapsulation is a technology that has gained prominence over the years. Different microencapsulation methods have been developed to encapsulate a wide range of compounds, and they are used in several industrial fields, such as in the pharmaceutical, food, cosmetics, self-healing materials, and adhesives industries. In this context, novel microencapsulation processes must be developed, or the existing ones must be optimized, to obtain products with high added value in response to human needs. There is increasing interest in the use of biodegradable polymers due to the negative impact of microplastics on the environment. Additionally, most biodegradable polymers can be easily excreted out of the body due to their ability to be eroded in small non-toxic residues. Therefore, biodegradable polymers could have very promising applications in synthetic microcapsule systems employed in commercial applications. The aim of this Special Issue is to highlight the fundamental aspects and progress in the field of biodegradable polymer microcapsules.

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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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