



Biodegradable Polymer Microcapsules

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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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