



Micro and Nano Encapsulation Techniques

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Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

In recent years, micro- and nanoparticles have generated a great deal of interest in the pharmaceutical area. They demonstrate several advantages, such as the ability to encapsulate a wide variety of therapeutic agents, including peptides, proteins, genes, and to control, tune and target drug release. While the first generation of products have been successfully commercialized, recent advances in material design and knowledge of disease biological basis are contributing to the development of more sophisticated systems, such as theranostic tools or active targeted nanocarriers mostly focused on treating severe and harming pathologies such as cancer and immunological diseases.

This Special Issue's goal is to capture the current state-of-the-art and contemporary progress in this field. Suggested topics are: Manufacturing processes including challenges and industrial scale-up; regulatory approaches to micro and nanoparticulate drug delivery systems including generic medicinal products; new approaches in targeted drug delivery; and new micro and nanoparticulate systems characterization techniques including imaging.





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Message from the Editor-in-Chief

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