

Special Issue

Mucoadhesive Nanosystems for Controlled Drug Release

Message from the Guest Editor

Mucoadhesive drug delivery is a method of controlled drug release which allows for intimate contact between the polymer/system and a target tissue, and increase the residence time of drugs at the site of absorption/action. It provides an attractive strategy to overcome the hurdles of conventional drug delivery systems, and provides great opportunities for the delivery of a variety of compounds via different routes of administration via ocular, nasal, vaginal, rectal and buccal. In addition, mucoadhesion also makes it possible to obtain prolonged, local or systemic drug action. This Special Issue highlights recent advances in mucoadhesive nanosystems for controlled drug release, including development of mucoadhesive formulations and description of mucoadhesive properties of mucoadhesive materials. We invite articles on all aspects of research in this field, which may help to accelerate scientific knowledge and reach clinical applications.

Guest Editor

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Editor-in-Chief

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