

Special Issue

Bioadhesive Nanocarriers: Innovations in Drug Release and Therapeutic Effectiveness

Message from the Guest Editors

Bioadhesive nanocarriers are a notable field for drug delivery, standing out for their ability to combine the advantages of nanotechnology with bioadhesive potential. Bioadhesive nanocarriers have been used in the most varied pharmaceutical and cosmetic formulations, such as ophthalmic products, nasal sprays, gels, and polymeric films for different routes, such as cutaneous, vaginal, buccal, or sublingual. This Special Issue aims to thoroughly examine the bioadhesive effect of nanocarriers, an essential aspect of enhancing drug delivery. It also aims to investigate how bioadhesion enhances therapeutic effectiveness via facilitating drug release and integration into various pharmaceutical forms for diverse routes of administration. Researchers are invited to submit studies covering the development, characterization, therapeutic efficacy, and safety of bioadhesive nanocarriers.

Guest Editors

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Deadline for manuscript submissions

closed (20 May 2026)



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