

## Special Issue

# Nanocarriers in Mucosal Drug Delivery

### Message from the Guest Editor

This Special Issue will provide a comprehensive overview of recent advances in nanocarrier-based mucosal drug delivery, ranging from fundamental mechanistic understanding to translational applications. We welcome contributions exploring the design, characterization, and functionalization of nanocarriers. Topics may include strategies for mucus penetration, mucoadhesion, and stimuli-responsive release, as well as preclinical and clinical evaluations of nanocarrier systems. By bridging mechanistic insights with applied research, this Special Issue will highlight the therapeutic potential of nanocarriers in improving treatment outcomes across a range of diseases. We invite researchers engaged in this multidisciplinary field to contribute original research articles or comprehensive reviews to this Special Issue.

### Guest Editor

Dr. Hatem Hassan

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### Deadline for manuscript submissions

30 April 2026



## Biomedicines

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## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

Prof. Dr. Felipe Fregni

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