



## Nanomedicine as a Tool to Improve the Local Delivery of Active Molecules

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### Message from the Guest Editors

The local delivery of active molecules is an excellent strategy to bypass biological barriers, obtaining targeted efficacy at reduced doses and with limited side effects. Nanocarriers can be used to deliver the active molecules in order to increase their stability, avoid drug resistance mechanisms, or selectively target certain cell populations. Moreover, nanomedicines can have intrinsic properties that allow them to adapt and adhere to the target site, induce sustained or environmental triggered drug release, or enhance their penetration depth into biological tissues.

In this Special Issue, we aim to collect articles regarding this topic in order to demonstrate the potential of this drug delivery strategy in a wide range of applications (from cancer treatment to gene therapy, from intracerebral to intra-articular drug delivery).

- nanomedicine
- drug delivery
- local delivery
- active molecules
- biomaterials
- sustained release
- targeted medicine
- drug absorption
- permeability
- biological barriers
- theranostics
- local treatment
- nanocarriers





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