

## Special Issue

# Topical Advisory Panel Members' Collection Series: Nanocarriers for Alternative Drug Delivery

### Message from the Guest Editors

In recent years, alternative drug delivery routes have become the focus of research and development with the aim of satisfying patient expectations by applying simple and effective drug therapy avoiding invasive medication. Utilization of alternative drug delivery routes, such as nasal, pulmonary, ocular or dermal routes, indicates several advantages (e.g., targeted therapy, bypassing biological barriers, a chance to minimize therapeutic dose, or minimization of side effects); however, from a technological point of view, it might be challenging to transport the drug to the target site. To overcome these hurdles, the variety of smart nanocarriers (e.g., lipid-, polymeric-, or protein-based systems) means an innovative approach. The aim of this Special Issue is to describe the latest findings related to i) the development, optimization, and characterization of novel nanocarrier systems intended for alternative drug delivery, ii) the improvement of physicochemical and pharmacokinetic properties of drugs with the application of nanocarrier systems, and iii) the utilization of alternative drug delivery routes for advanced therapy.

### Guest Editors

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### Deadline for manuscript submissions

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