



## New Polymers as Nanovehicles for Several Therapeutic Applications: Current Advances and Future Perspectives

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Deadline for manuscript submissions:

**closed (1 April 2023)**

### Message from the Guest Editors

Plurionics® are a class of amphiphilic tri-block copolymers with wide pharmaceutical applicability. Due to the great potential for tuning physical and structural properties by chemical modifications, a panoply of functionalized drug-loaded nanovehicles can be prepared and tested in various in vitro and in vivo models. Additionally, some Plurionics® can interact with cell membranes and affect important cellular functions, potentially contributing to the effects of therapeutic load. In spite of this, the extraordinary complexity of biological challenges in the delivery of micellar drug payload makes their therapeutic potential still not exploited to the fullest.

We invite investigators to contribute with the submission of original research articles as well as review articles in order to explore new materials such as amphiphilic tri-block copolymers as Plurionics and modalities to produce effective nanovehicles for several applications in in vitro and in vivo studies in the pharmaceutical field.





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## Message from the Editor-in-Chief

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