

Special Issue

Micro and Nanosystems for Drug Delivery

Message from the Guest Editors

Drug delivery is essential in overcoming challenges in the administration of therapeutics, whose efficacy is sometimes limited by the physico-chemical characteristics of the active substance. Drug solubility and drug absorption are indispensable for successful therapy. Micro- and nano-systems provide the opportunity to positively modify the fate of a drug in an organism by improving its bioavailability and biodistribution, stability, efficacy and specificity. Size is the key element that determines the unique performances of these innovative drug delivery systems, whatever is the intended route of administration. This Special Issue aims to focus on models of micro and nano drug delivery systems, intended for different routes of administration, with specific emphasis on their biological fate and their ability to interact with biological targets. This is a mandatory step in the pipeline to the approval of these systems as medicinal products.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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