

Special Issue

Green Synthesis of Nanomaterials: Drug Delivery, Environmental Applications and Cytotoxicity Issues

Message from the Guest Editors

Nanotechnology and nanomedicine have evolved in recent years, providing a panoply of tools to improve medical diagnosis and treatments. (Nano)delivery systems can enhance, among others, the transport of drug(s) into the targeted tissue or organ by advancing their permeability across biological barriers, as well as by shielding them from degradation, lysosomal deactivation, early excretion, and binding with plasmatic proteins. Anyway, advantages of nanomaterials (NMs) are also recognized for their use in environmental, for bioremediation, and biotechnology applications. In the present Special Issue, we invite authors to submit research articles, enclosing a wide range of topics in the field of nanomedicine, including, but not limited to, the development and optimization of new drug delivery systems using green synthesis, as well as pharmacokinetics/pharmacodynamics studies demonstrating their benefits for therapeutic applications. This Special Issue also intends to look at the cytotoxic profile of developed NMs, also when green syntetic methos are adopted. High-quality reviews in the field will also be accepted.

Guest Editors

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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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