

Special Issue

Emerging Trends in Nanocarriers for Therapeutic and Diagnostic Purposes

Message from the Guest Editors

Over the last decade, nanocarrier-based drug delivery systems such as polymeric nanospheres and nanocapsules have been an area of intense research. The selection and design of polymer nanocarriers are challenging and can affect drug release and biodistribution. Currently, the research on polymeric nanocarriers for drug delivery systems focuses on improved production and stabilization processes, as well as on the development of functional nanoparticles designed to overcome biological barriers, treat, and/or diagnose. This Special Issue aims to provide an update on the recent progress in the design and innovative production processes of biodegradable polymer-based nanoparticles, such as nanocapsules, nanospheres, and hybrids (polymer–lipid) intended to deliver pharmaceutically active compounds and/or act as diagnostics. The applications of these specific nanocarriers are also welcome for human and veterinary purposes. Contributions regarding theranostic-based polymeric or hybrid nanoparticles are also welcome.

Guest Editors

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