Special Issue

Recent Advance in Nanomedicines for Drug Delivery Application

Message from the Guest Editor

In recent decades, with the increasing maturation of nanotechnology, nano-drug delivery systems and nanomedicine have been widely used for therapy due to their good biocompatibility, selectivity and drug delivery efficiency. The development of nanomedicine provides unique advantages for disease diagnosis and therapy. Currently, many inorganic and organic nanomedicines with various sizes, morphologies, and surface characteristics have been developed, and several of them have made clinical impacts. Drugs can be loaded into nanocarriers to improve pharmaceutic properties, such as solubility, bioavailability, sustained drug release, and/or targeted delivery. The present Special Issue of Molecules aims to present the current state of the art in the use of nanomaterials in drug delivery. It will highlight new discoveries, approaches, and technical developments in nanomedicines. This Special Issue will collect recent advances, developments, and future prospects on the design, development, characterization, and biological evaluation of nanomedicine-based drug delivery systems.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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