

Special Issue

Biotransformation of Medicinal Nanostructures: Pharmacokinetics and Pharmacodynamics

Message from the Guest Editor

Molecules is now announcing a call for submissions to the Special Issue entitled “Biotransformation of Medicinal Nanostructures: Pharmacokinetics and Pharmacodynamics”. This issue will deal with the most recent achievements in basic research on molecular and cellular nanopharmacology and related subjects such as xenobiochemistry, drug metabolism, efficiency, and bioavailability of biologically active nanocompounds, drug–target interactions, ligand–receptor coupling, advanced methods in analytical biochemistry, and detection–quantification of nanopharmacophores. In silico simulation models would also be welcomed. Some specific aspects of preclinical nanomedicine studies including in-cell internalization of pharmacophores, visualization of tumor, and nanocontainers in drug targeted delivery cases taken in a broad variety of pathologies (cancers, infectious diseases, autoimmune disorders, etc.) are also expected to be focused on—as long as these studies relate to nanodrug metabolism and its pharmacological potential.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2022)



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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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