

Special Issue

Targeted Drug Delivery for Inflammation Treatment

Message from the Guest Editors

The COVID-19 pandemic requires either antiviral drugs or/and therapies attacking the lethal inflammation caused by cytokines storm generated by the overstimulated immune system. Nanomedicines enable modifying pharmacokinetics and biodistribution of carried active ingredients, either small drugs or macromolecules. A key additional feature of nanomedicines is that upon endocytic uptake by selected cell groups, pharmacodynamics of active ingredients can also be profoundly modified, and the activity of small doses could be magnified. In this Special Issue, a collection of articles is presented showing the performance of novel targeted anti-inflammatory nanomedicines, designed to be administered by different routes: inhaled, intravenous, oral, or topical.

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