

Special Issue

Nucleic Acid-based Drug

Message from the Guest Editor

RNA Therapeutics is an innovative strategy and a new molecular entity with the potential to treat a wide variety of diseases. Research and development in oligonucleotide-based drugs have grown tremendously over the past decade. This Special Issue, "Nucleic Acid-based Drug", will cover different aspects of RNA drug discovery and development from chemical synthesis and modifications of antisense oligonucleotide (ASO), small interfering RNA (siRNA), anti-microRNA (anti-miRNA) and steric-blocking oligonucleotides, delivery systems to enhance cellular penetration, and pre-clinical and clinical studies of RNA therapeutics in the treatment of genetic diseases, cancers, metabolic diseases, cardiovascular diseases, lung diseases, wound healing, and infectious diseases.

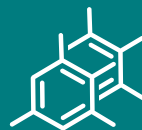
Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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