



Nucleic Acid-based Drug

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

RNA Therapeutics is an innovative strategy and a new molecular entity with the potential to 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.

Prof. Dr. Wai Shiu Fred Wong
Guest Editor





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Message from the Editor-in-Chief

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