Special Issue

The 15th Anniversary of Pharmaceutics—Aptamers as Novel Therapeutics

Message from the Guest Editors

Dear Colleague, Aptamers are nucleotide-based molecules that can be used as antibody alternatives in analytical, diagnostic, and therapeutic applications. Aptamers can be selected from large libraries to bind a specific target, including targets that are traditionally difficult for other affinity reagents, such as antibodies. Together with their stability, the ease and reproducibility of synthesis render this molecule class the therapeutic agent of the future. This Special Issue encompasses translational research into the effectivity as well as promises of, and hurdles to be taken for, aptamers as targeting ligands and therapeutic molecules in a variety of diseases.

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