



Potential of the Aptamers to Fill Therapeutic and Diagnostic Gaps

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Deadline for manuscript
submissions:

closed (27 April 2023)

Message from the Guest Editors

We are glad to invite authors to submit original manuscripts in the field of medicinal aptamers. Aptamers are short, functional oligonucleotides able to recognize, in a specific way, a wide variety of molecular targets. These targets range from ions or small compounds to whole viruses or even cells. Aptamers are isolated from selection experiments, either in vitro, ex vivo, or both, by virtue of their affinity and specificity for the desired target. Such properties are intrinsically related to the aptamer three-dimensional folding, which operates as a template to guide the identification of a precise target, in a similar way to the key and lock model described for protein enzymes.

This Special Issue aims to collect both review and original research articles that present the current state-of-the-art of aptamers in clinics, either as diagnostic or therapeutic agents. Reports on technology applications for the development of aptamers-based diagnostic platforms are also welcome. Their invaluable contribution to biomedical investigations can also be discussed.





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Editor-in-Chief

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Message from the Editor-in-Chief

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We hope to handle your contribution to *Pharmaceuticals* soon.

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