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## 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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# Special Issue



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## Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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

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