

Special Issue

Recent Advances and Emerging Applications of Aptamers

Message from the Guest Editors

Aptamers have become a highly promising class of targeting molecules, and have attracted the attention of many scientists in various research areas. Aptamers are known as a special kind of functional nucleic acids, that are able to recognize and bind their target molecules with high affinity and specificity. They are usually selected using an evolutionary method called SELEX. This technology has been extensively modified and optimized over the years and significantly expanded by computational approaches and new sequencing technologies.

This Special Issue of *Sensors* will cover recent advances and emerging applications of aptamers. We welcome submissions that expand the exciting world of aptamers by the presentation of new aptamers and new methods for their selection, by opening up new fields of application, describing new aptasensor designs, or by developing powerful aptamer-based assays. For detailed information, please visit [here](#).

Guest Editors

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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