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## Electrochemical Aptasensors

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Deadline for manuscript  
submissions:

**closed (30 November 2021)**

### Message from the Guest Editor

An aptamer-based biosensor is a compact analytical device consisting of an aptamer, as the bio-sensing receptor element, incorporated on a physical transducer surface. Aptamers are a novel class of reagents for the rapid monitoring and detection of biomolecules, which are characterized by a small size, chemical stability, and low cost, compared to conventional “receptors” such as antibodies or enzymes. Moreover, they offer extraordinary elasticity and expediency in the design of their assemblies, which has led to novel biosensors that show high sensitivity and selectivity. Recent investigations in nanotechnology, fabrication, and biotechnology have involved material science engineers, molecular biochemists, and biotechnologists for the development of aptasensors. This Special Issue will accept and publish manuscripts that deal with aptasensors, concerning, for example, surface immobilization techniques and mechanisms used to detect biomolecular interactions in the context of biotechnology and nanomedicine.



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## Message from the Editor-in-Chief

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