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Title: Label-free electrochemical aptasensing platform based on mesoporous silica thin film for the detection of prostate specific antigen

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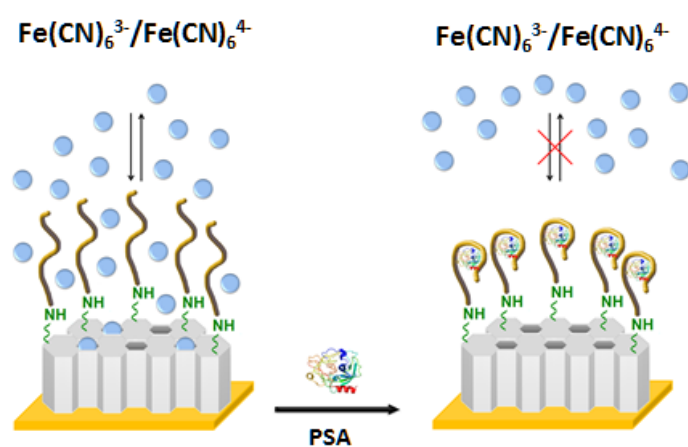
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GRAPHICAL ABSTRACT



Highlights

- An aptamer-modified mesoporous electrode was assembled.
- A label-free electrochemical approach for PSA detection was reported.
- Aptasensor perform within clinical range to allow diagnostic application.

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