Supporting Information

Advances in Aptamer-Based Electrochemical Biosensors for Disease

Diagnosis: Integration of DNA and Nanomaterials

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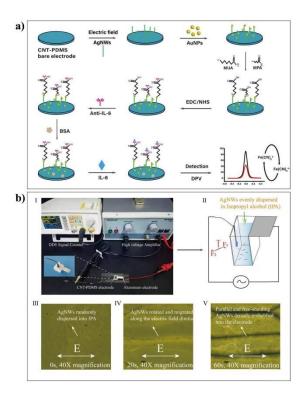


FIG. S 2.1.1 A free-standing AgNWs/AuNPs electrochemical biosensor

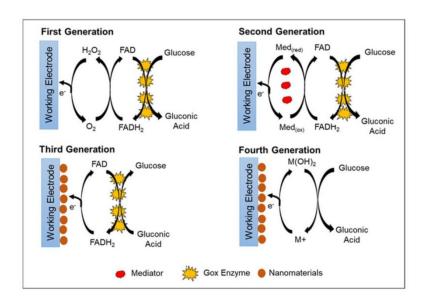


FIG.S. 2.1.2 Schematic diagram of fourth-generation electrochemical glucose sensor

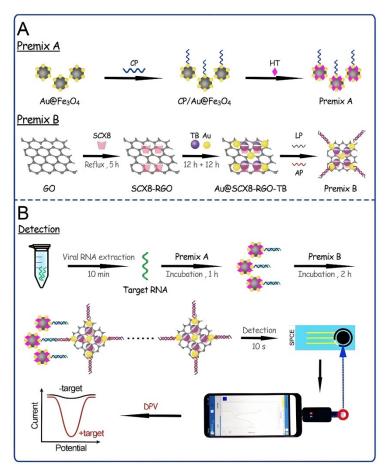


FIG. S. 2.3.1 Schematic diagram of novel coronavirus detection by electrochemical biosensor

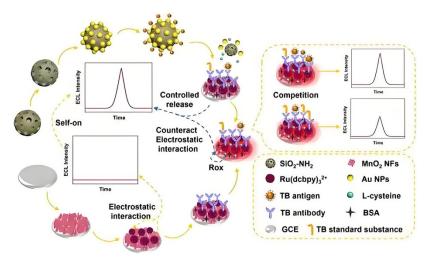


FIG.S. 2.3.4TB detected by an electroluminescence sensor with controlled release triggering the electrostatic attraction elimination mechanism

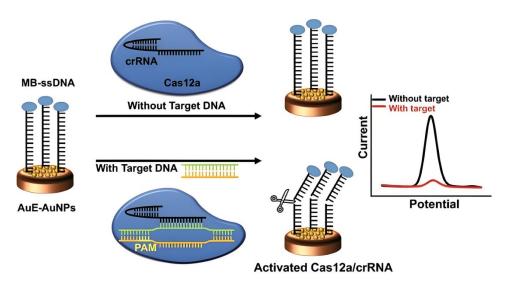


FIG.S. 3.2.2 CRISPR-Cas12A-enabled electrochemical biosensor for rapid and ultra-sensitive detection of SARS-CoV-2 Delta variant strains

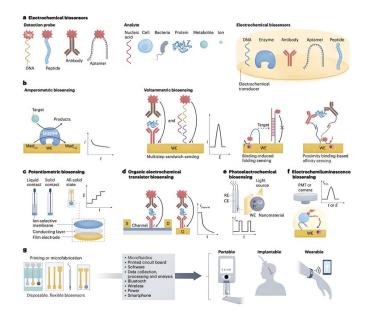


FIG.S. 3.4.3Electrochemical biosensor



FIG.S. 4.1.2 Design, mechanism and application of superinfiltration biosensor