

Supporting Information

Towards the Electrochemical Diagnostic of Influenza Virus: Development of Graphene-Au Hybrid Nanocomposite Modified Influenza Virus Biosensor Based on Neuraminidase Activity

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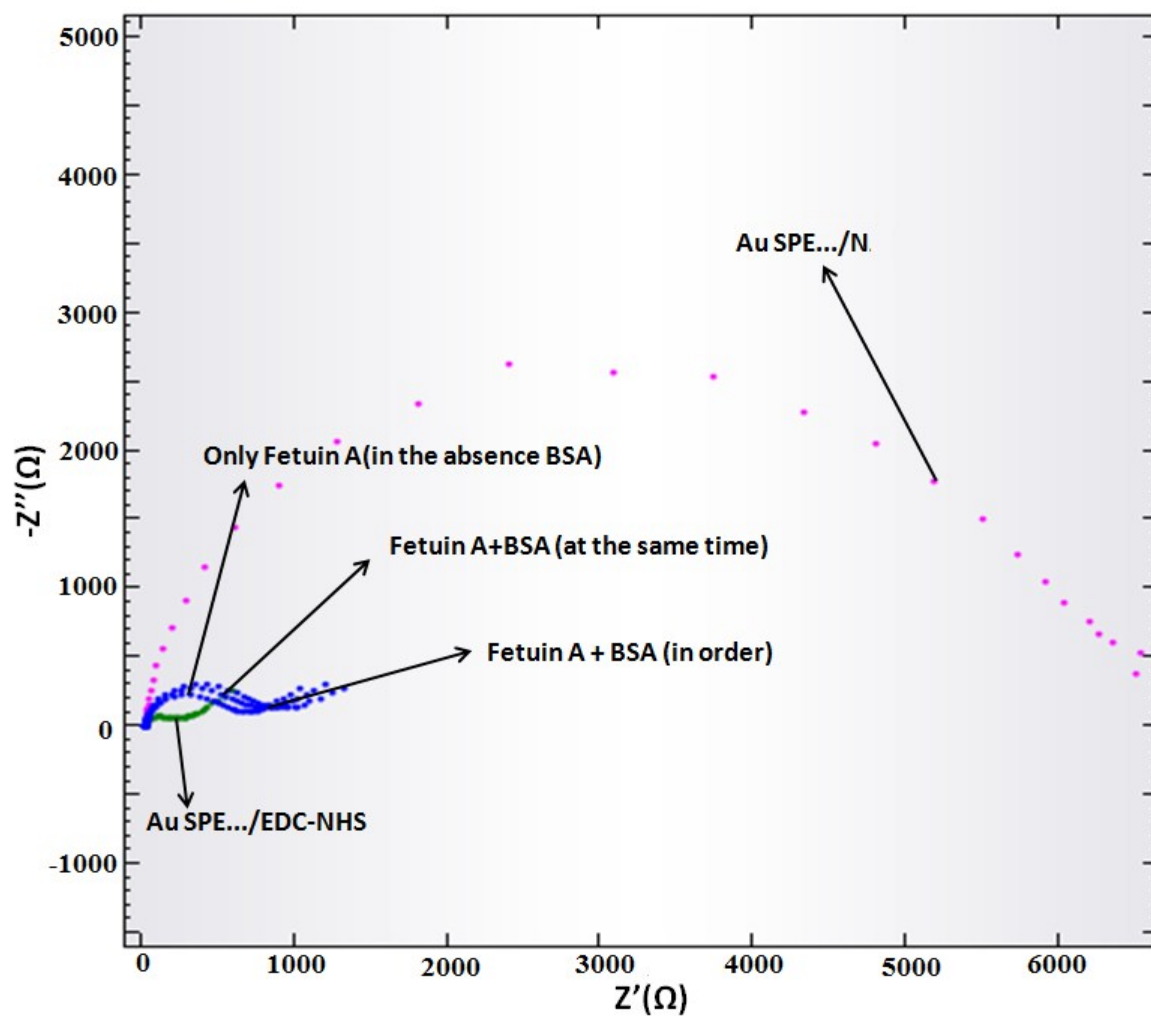


Figure S1. Nyquist plots which belongs to the effect of BSA on developed influenza A biosensor.

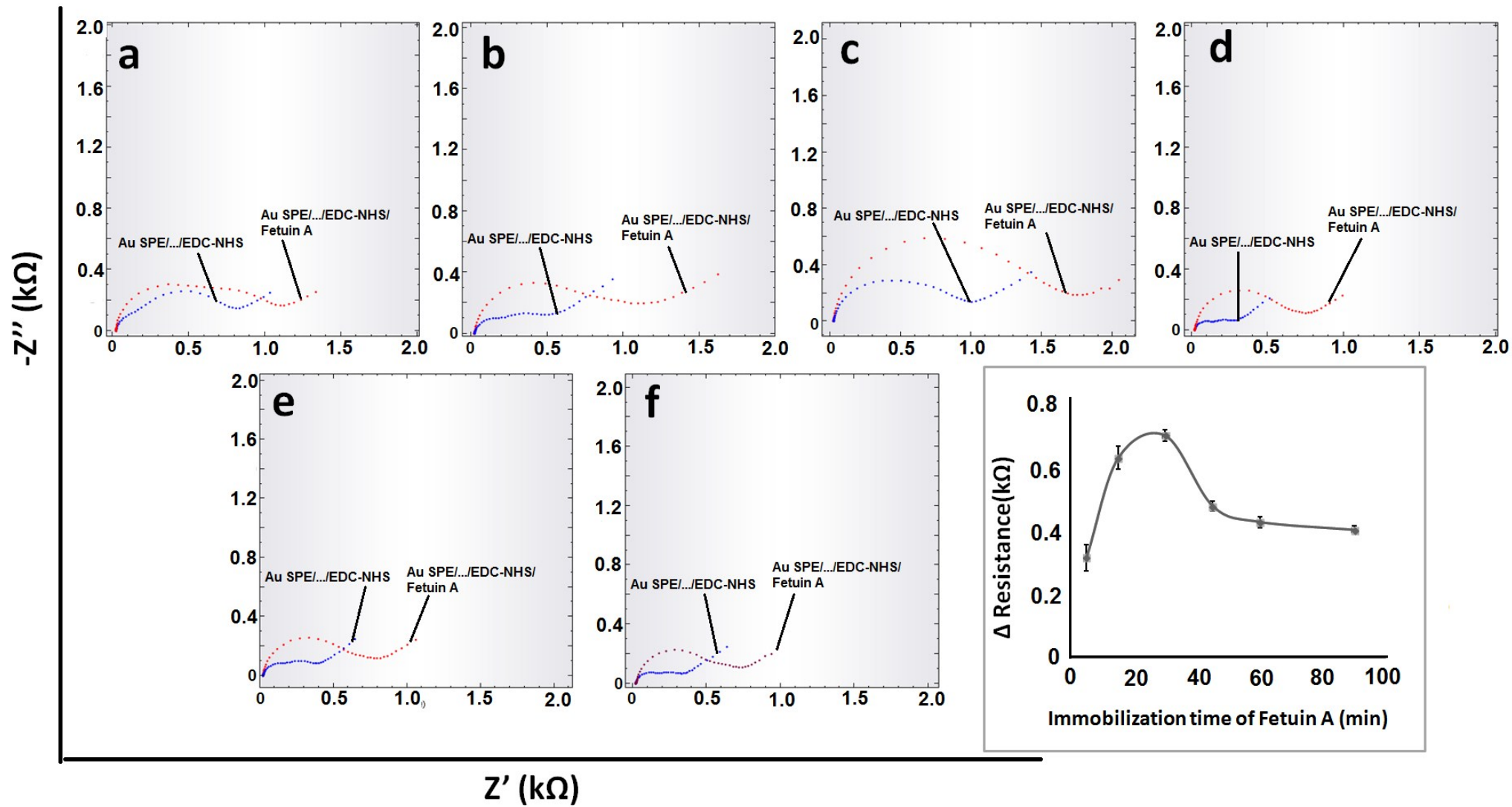


Figure S2. Nyquist plots of different immobilization time of fetuin A and excel plots; a) 5 min, b) 15 min, c) 30 min, d) 45 min, e) 60 min, f) 90 min and optimization graph of fetuin A.

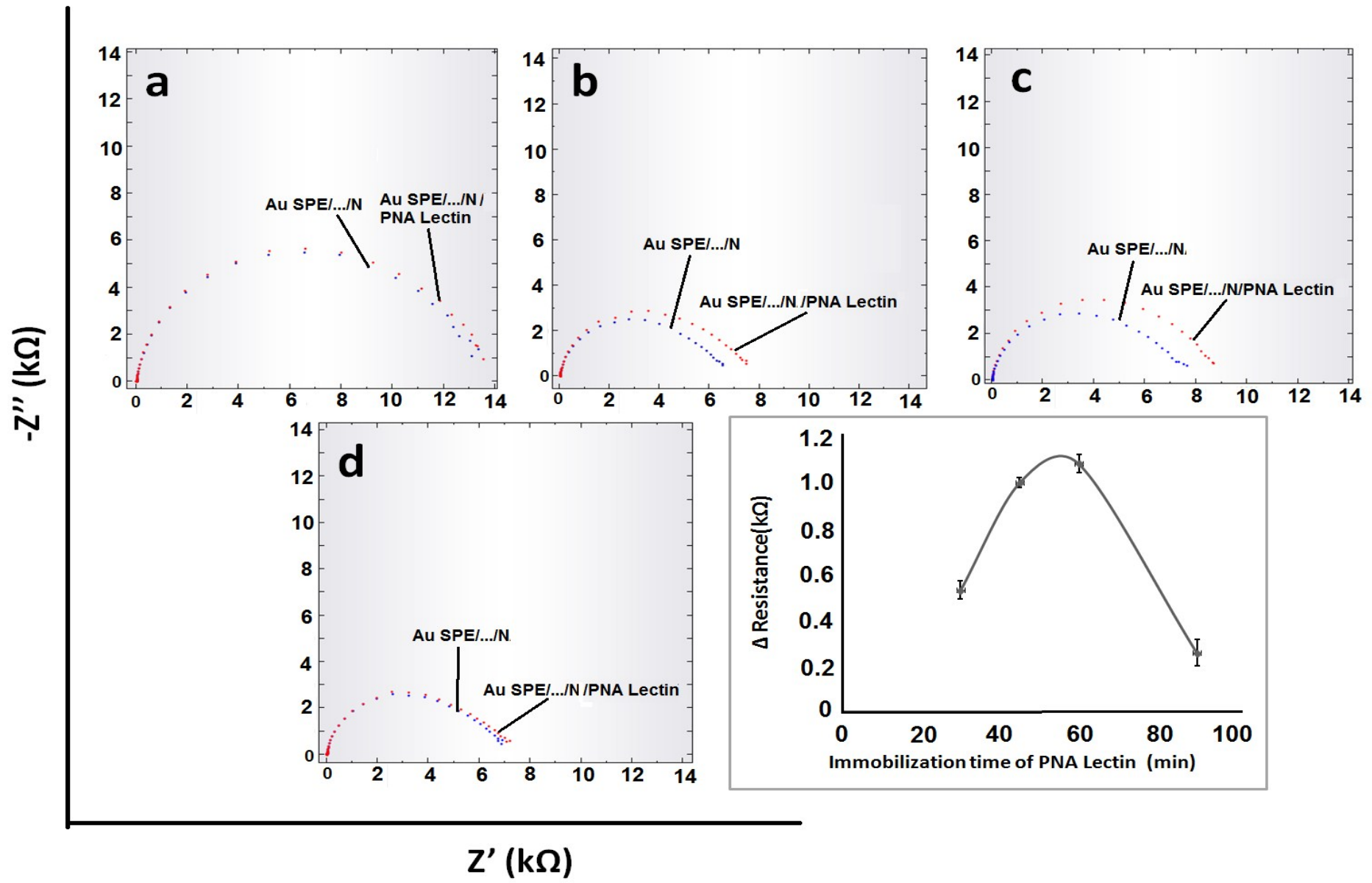


Figure S3. Nyquist plots of different immobilization time of PNA lectin and excel plots; a)30 min, b)45 min, c) 60 min and d)90 min optimization graph of PNA Lectin.

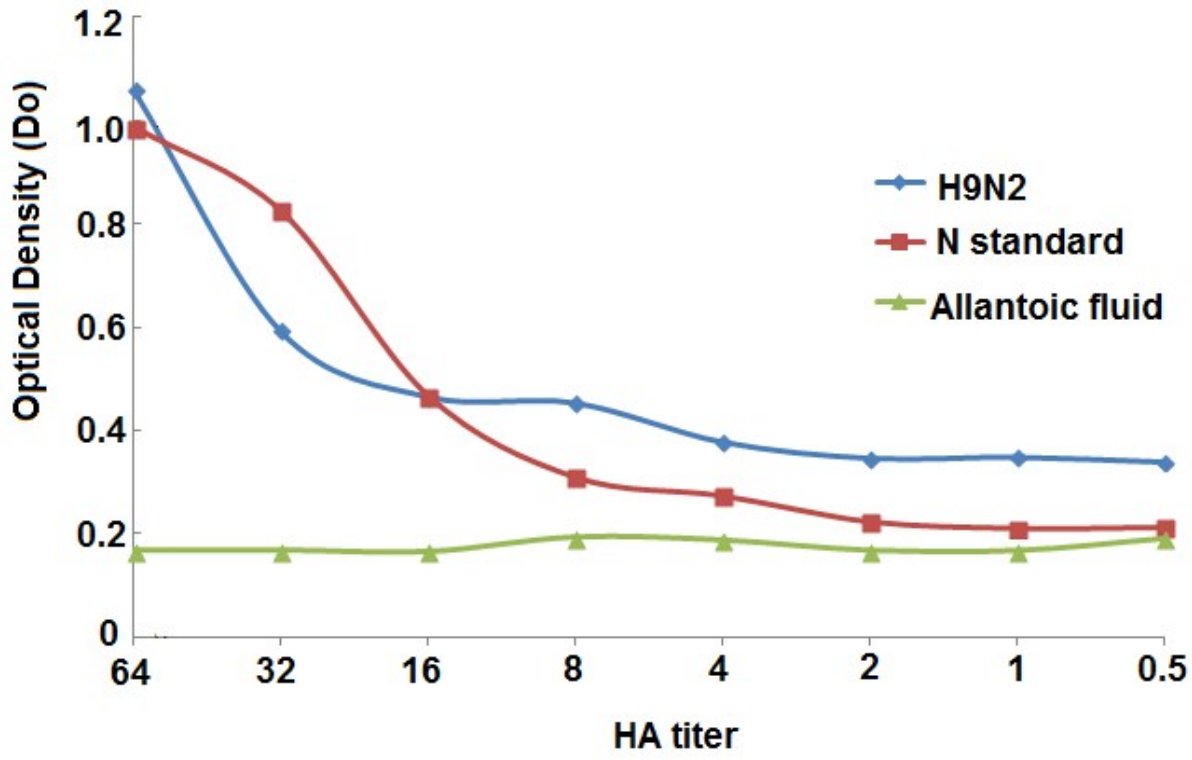


Figure S4. ELLA results of H9N2 influenza virus A, N standard and allantoic fluid in terms of Do.