

## Supporting information

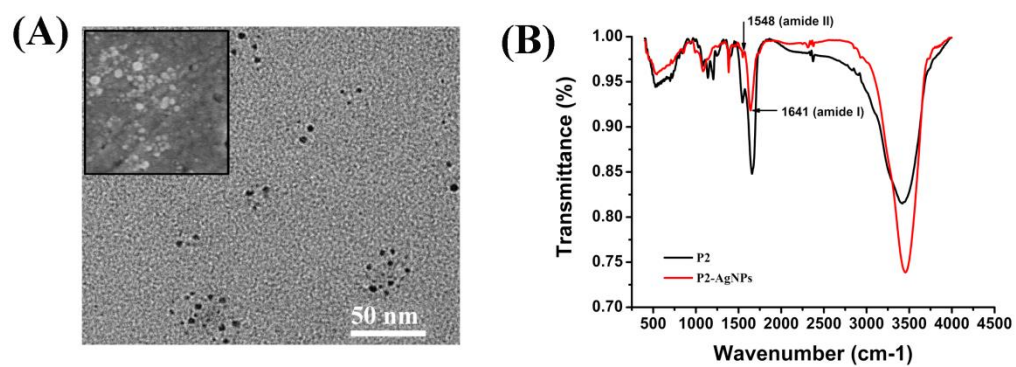
# **Supramolecular chemistry-assisted electrochemical method for the assay of endogenous peptidylarginine deiminases activities**

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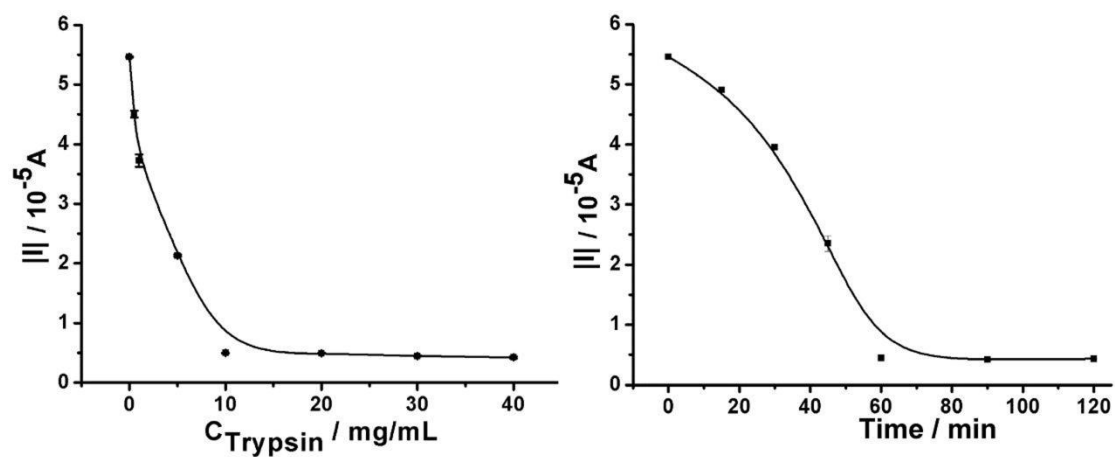
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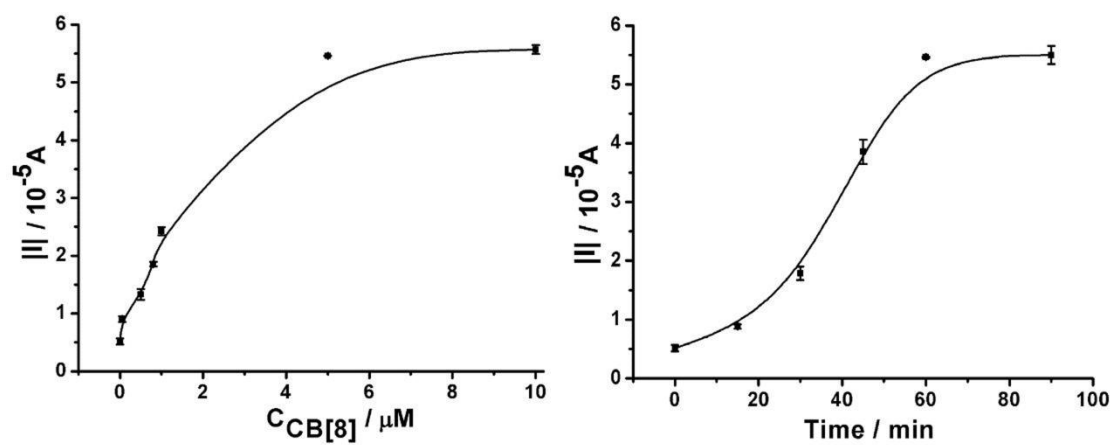
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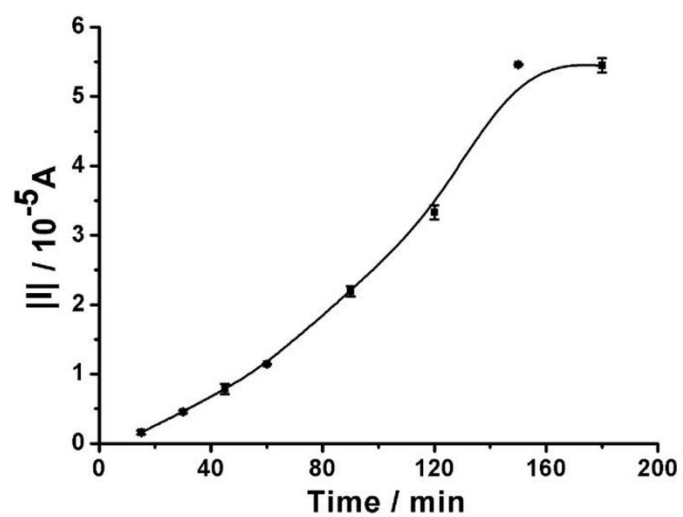
**Figure S1.** (A) TEM characterization of AgNPs and SEM images of AgNPs attached to the Au electrode (the inset). (B) The FTIR of P2 and P2-functionalized AgNPs.



**Figure S2.** The optimization of the concentration of trypsin and the reaction time on the electrode surface.



**Figure S3.** The optimization of the concentration of CB [8] and the reaction time on the P1 modified electrode.



**Figure S4.** The optimization of the reaction time for the immobilization of P2-functionalized silver nanoparticles on the electrode surface.