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Supporting Information

## **A Targeted Nano Drug Delivery System of AS1411 Functionalized Graphene Oxide Based Composites**

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## Supplementary Contents

S1. XRD spectra of CO and $\gamma$ -PGA .....	1
S2. FTIR spectra and UV-Vis absorption spectra of DOX, GO-CO- $\gamma$ -PGA-DOX and APT-GO-CO- $\gamma$ -PGA-DOX .....	1
S3. The standard curve of DOX concentration-absorbance.....	2

S1. XRD spectra of CO and  $\gamma$ -PGA

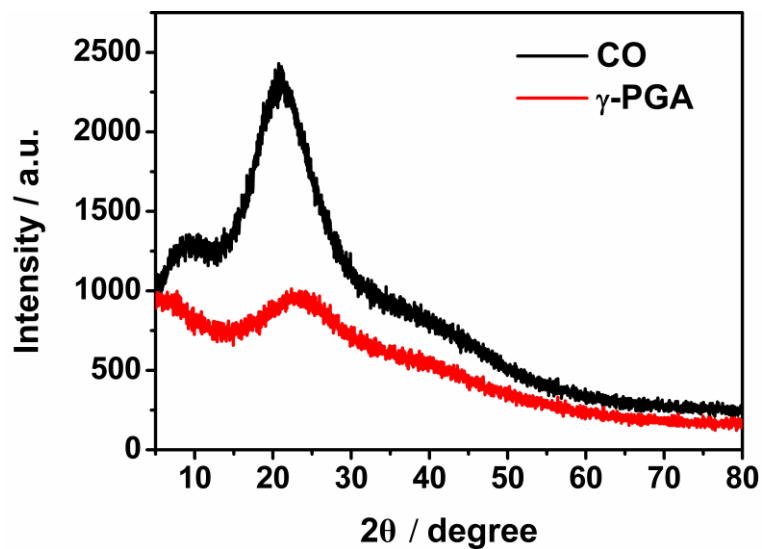


Figure S1. XRD spectra of CO and  $\gamma$ -PGA.

S2. FTIR spectra and UV-Vis absorption spectra of DOX, GO-CO- $\gamma$ -PGA-DOX and APT-GO-CO- $\gamma$ -PGA-DOX

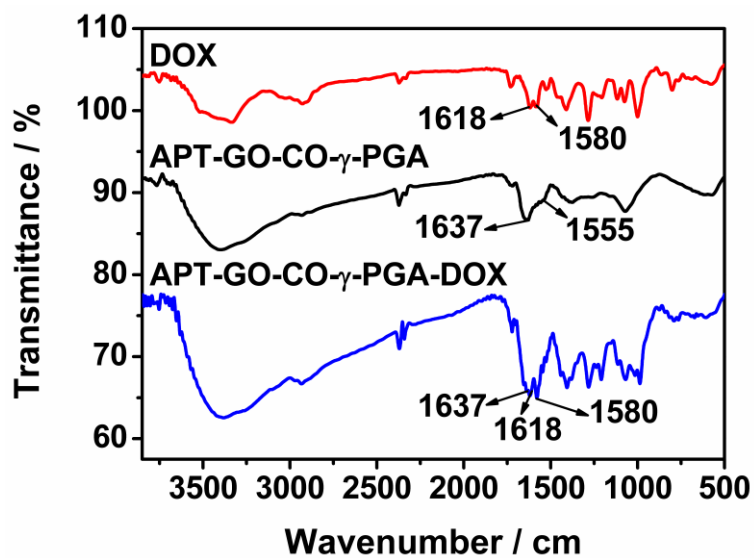


Figure S2. FTIR spectra of DOX, GO-CO- $\gamma$ -PGA-DOX and APT-GO-CO- $\gamma$ -PGA-DOX.

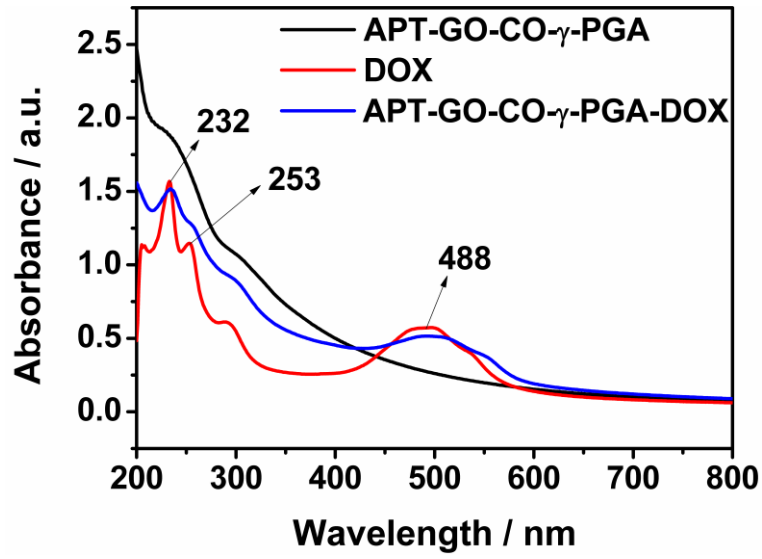


Figure S3. UV-Vis absorption spectra of DOX, GO-CO-γ-PGA-DOX and APT-GO-CO-γ-PGA-DOX.

S3. The standard curve of DOX concentration-absorbance

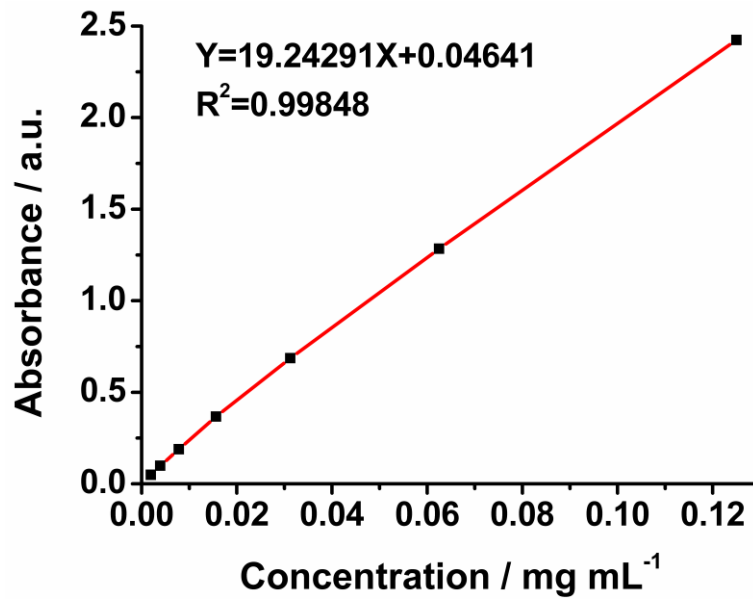


Figure S4. The standard curve of DOX concentration-absorbance.