

Supplementary Information

Graphene oxide strengthens gelatine through non-covalent interactions with its amorphous region

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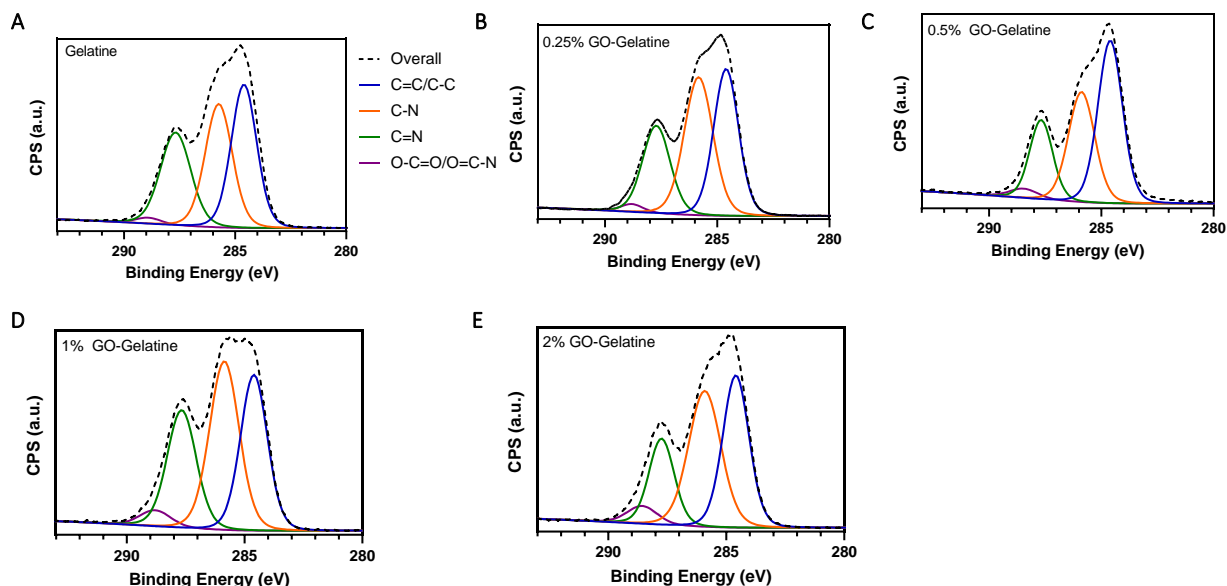


Figure S1. High-resolution XPS C1s deconvolution spectra of gelatine and various GO-gelatin composite samples. (A) Gelatine, (B) 0.25% GO-gelatin, (C) 0.5% GO-gelatin, (D) 1% GO-gelatin and (E) 2% GO-gelatin. All the color representations are as indicated in A.

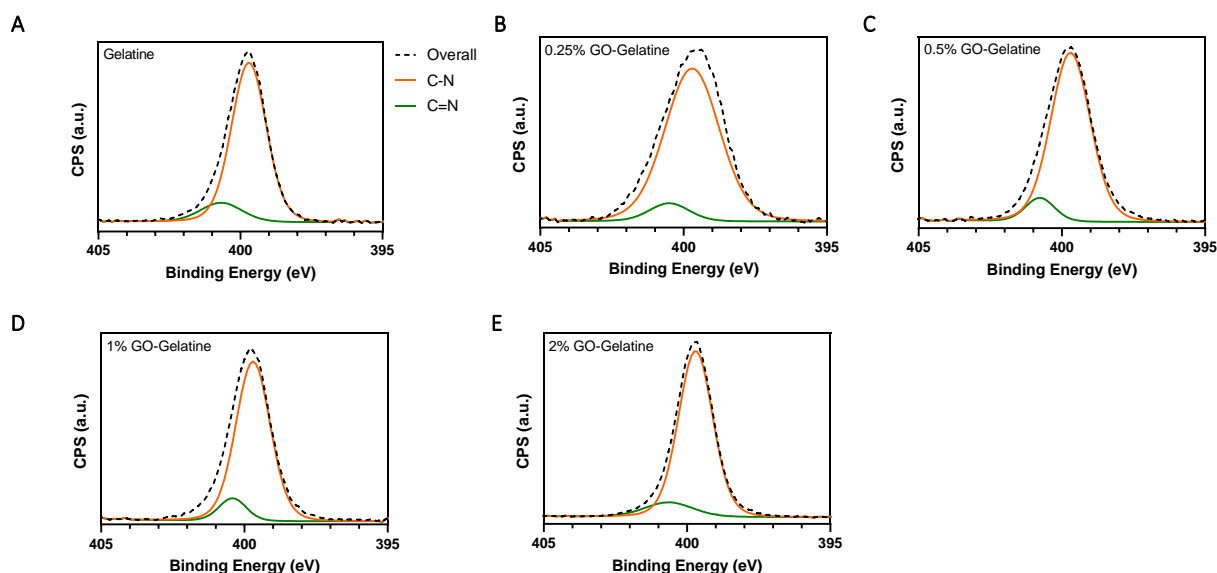


Figure S2: Deconvolution of XPS N1s spectra of gelatine and various GO-gelatin composite sample. (A) Gelatine, (B) 0.25% GO-gelatin, (C) 0.5% GO-gelatin, (D) 1% GO-gelatin and (E) 2% GO-gelatin. The color representations are as indicated in A.