

Design and synthesis of nano-biomaterials based on graphene and local delivery of Cerebrolysin into the injured spinal cord of mouse, promising neural restoration

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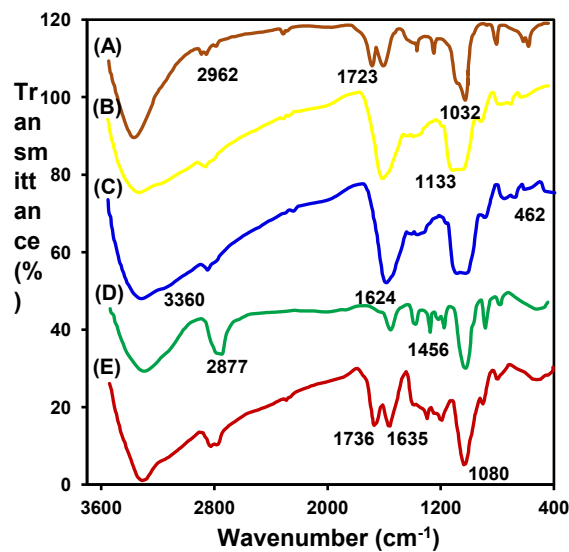


Fig S1. FTIR spectra of (A) GO, (B) GO-SiO₂-NH₂, (C) GO-Au, (D) PEG, and (E) GO-PG.

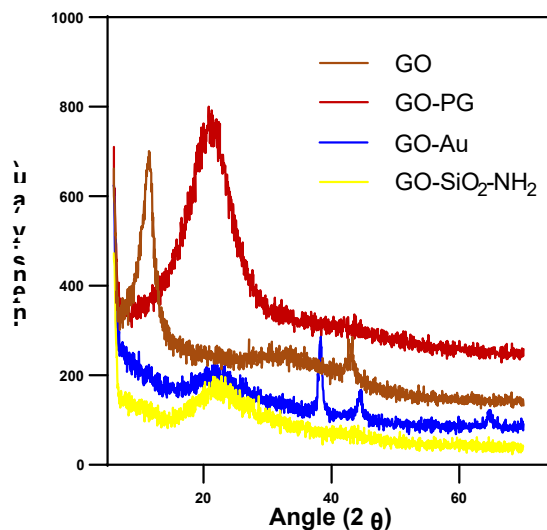
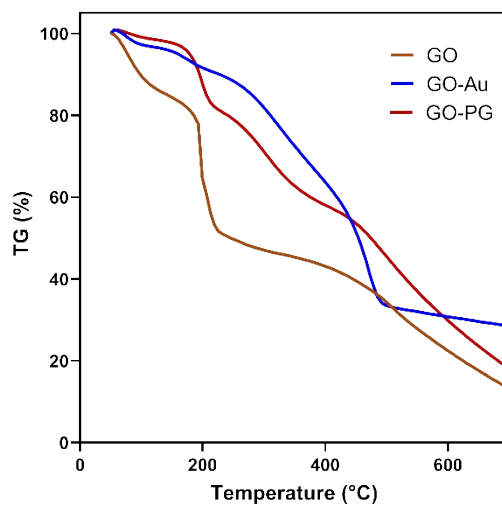


Fig S2. XRD diffractogram of GO, GO-PG, GO-Au, and GO-SiO₂-NH₂.

(a)



(b)

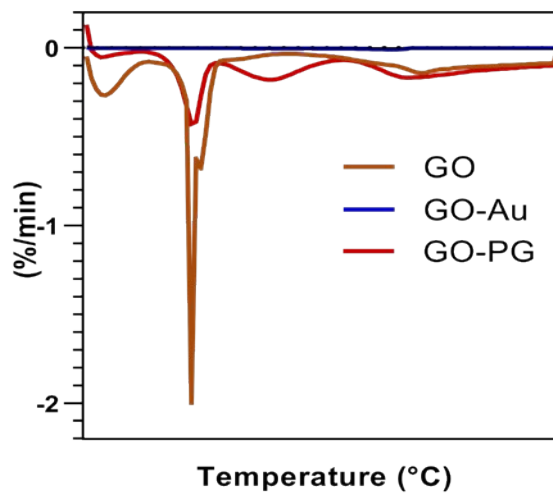


Fig S3. (a) TGA pattern, and (b) DTG curves of GO, GO-PG, and GO-Au.

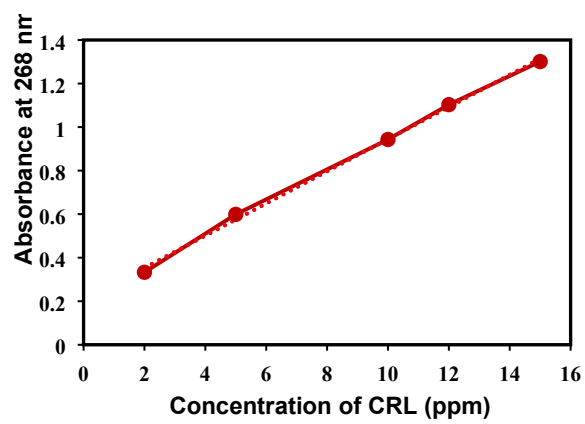


Fig S4. Calibration standard of CRL