

Don't dust off the dust! - A facile synthesis of graphene quantum dots derived from indoor dust towards their cytotoxicity and antibacterial activity

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Supplementary Figures

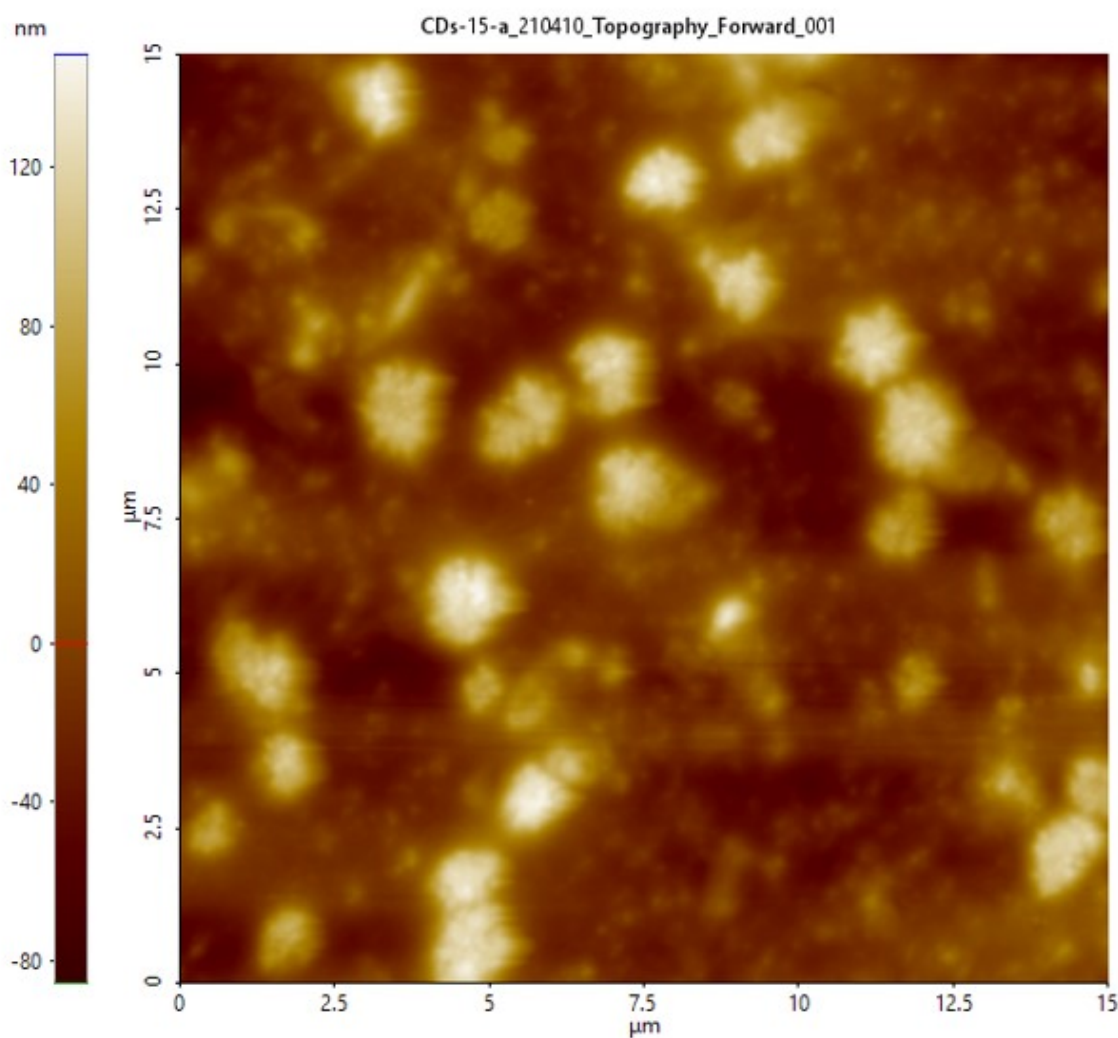


Figure S1 Atomic force microscopy image of GQDs

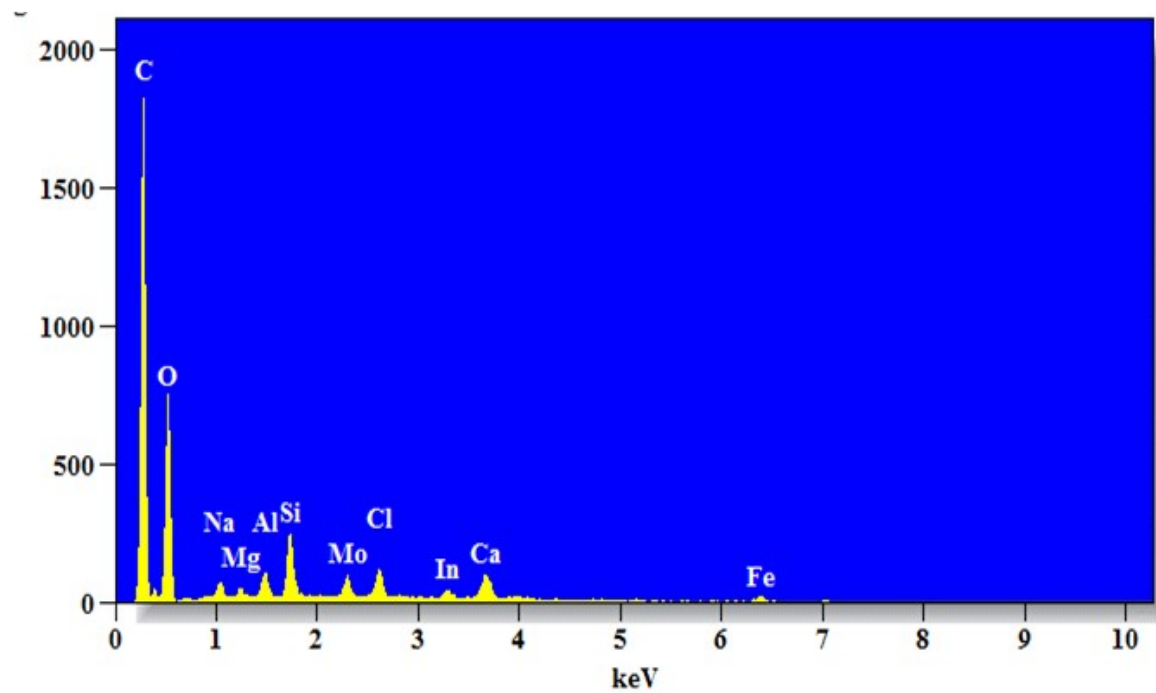


Figure S2 EDAX spectrum of the indoor dust particles

MCF-07 MTT Assay

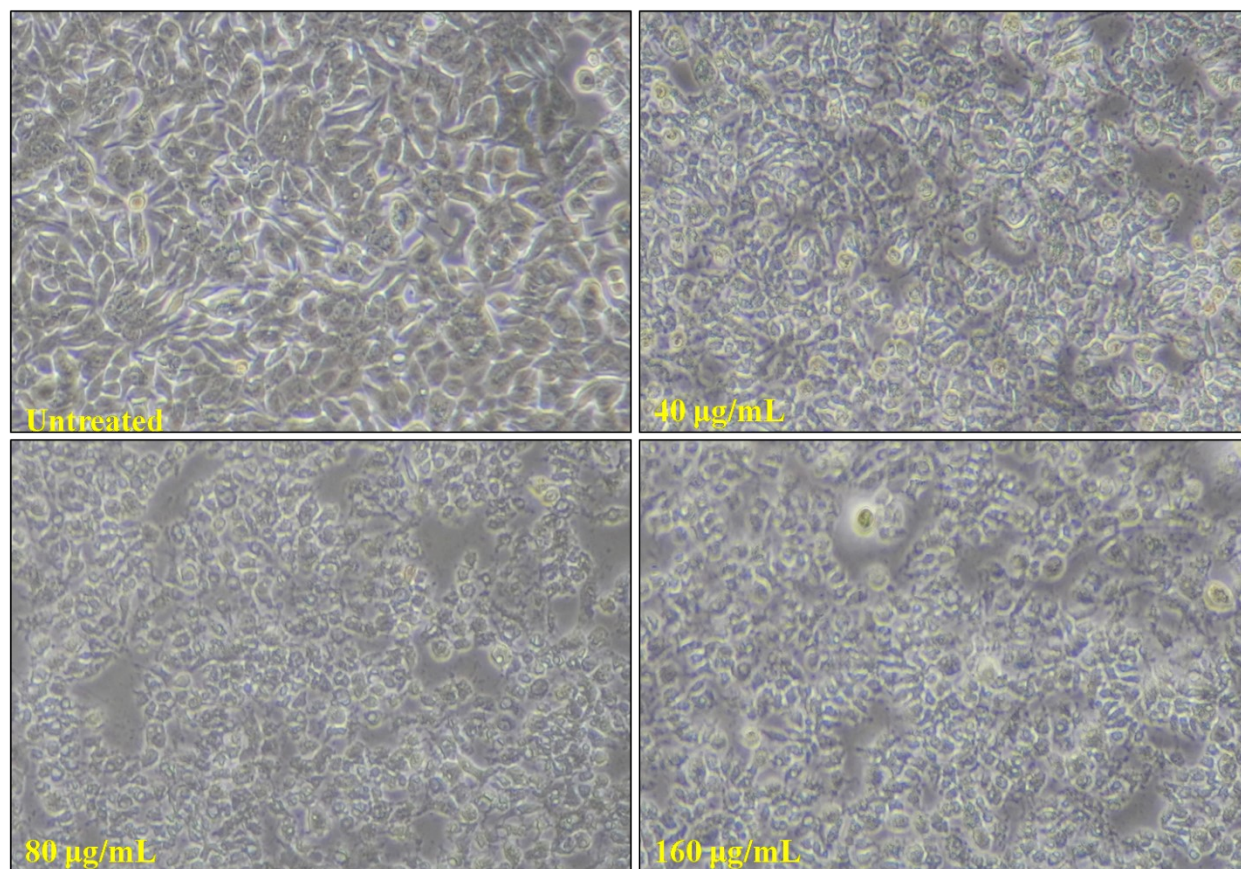


Figure S3 MTT assay phase contrast image of GQDs treated MDA-MB-231 cell line (20× magnification)

MDA-MB 231 *MTT* Assay

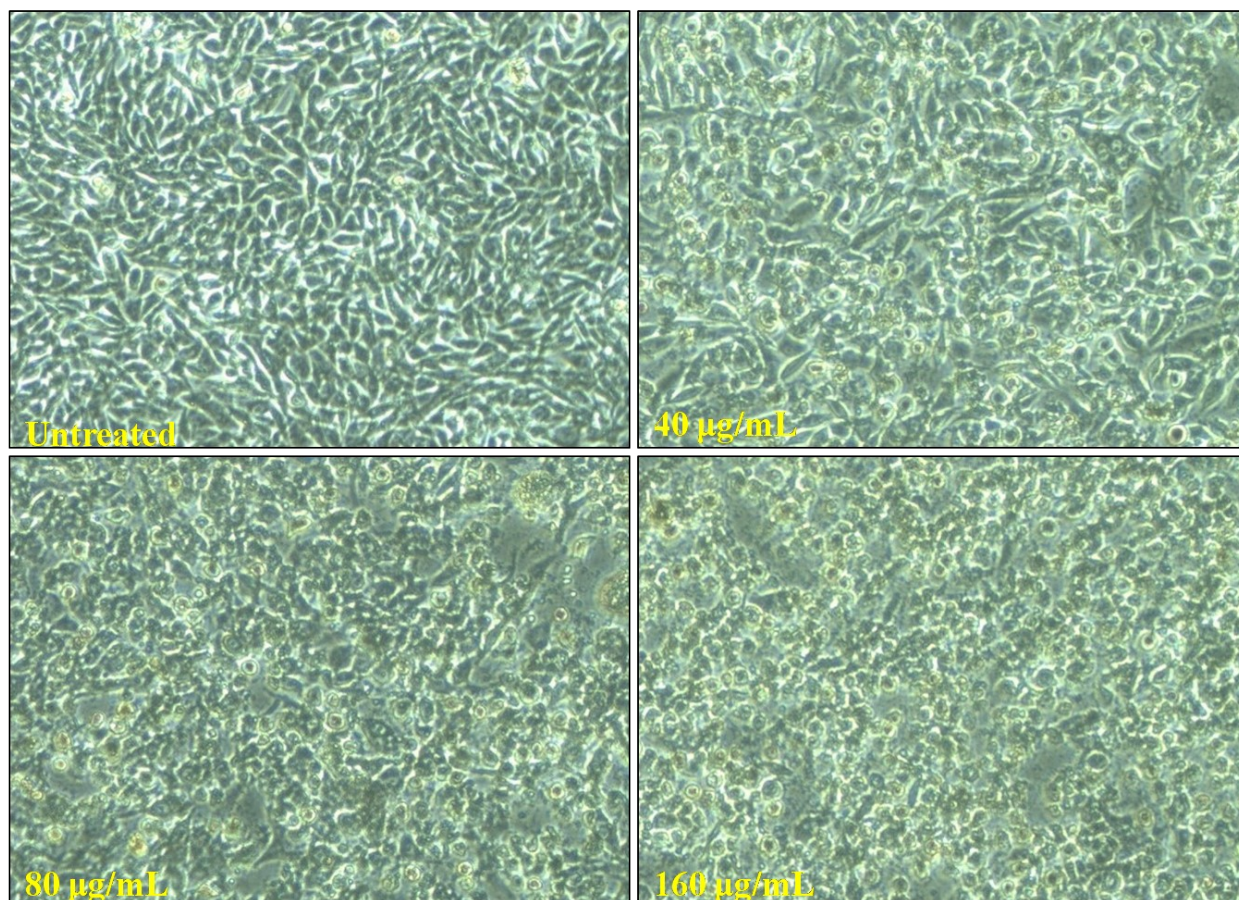
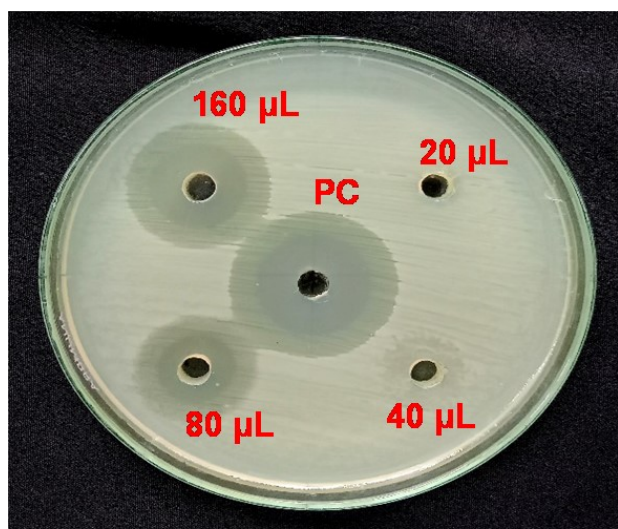
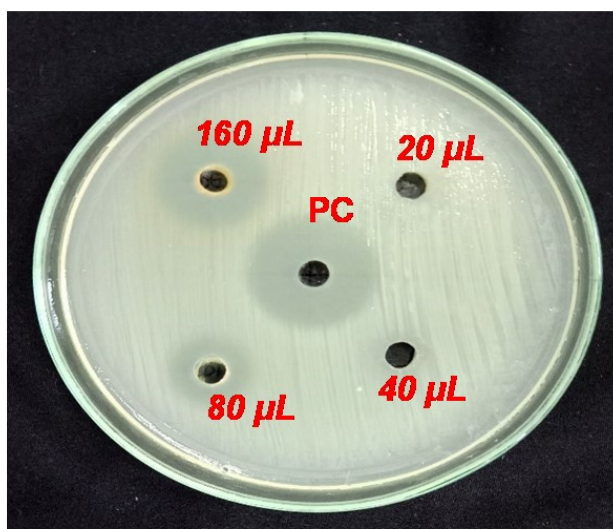


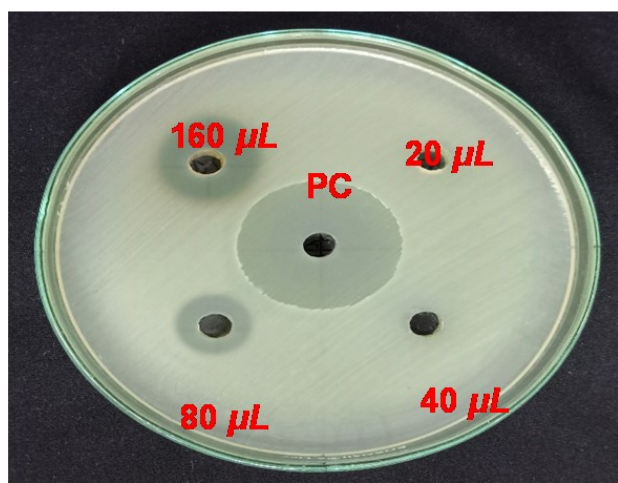
Figure S4 MTT assay phase contrast image of GQDs treated MCF-07 cell line (20× magnification)



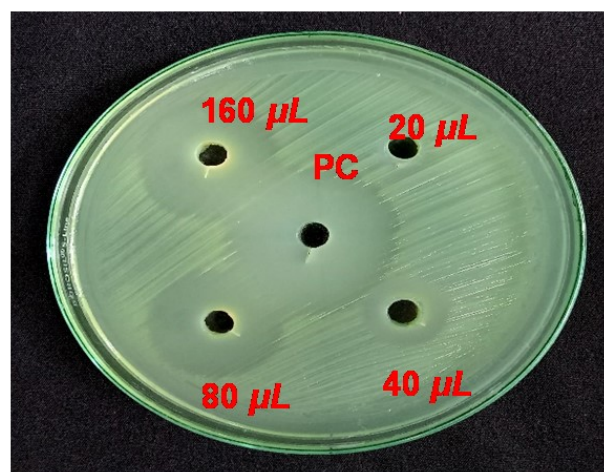
Bacillus subtilis



Staphylococcus aureus



Escherichia coli



Pseudomonas aeruginosa

Figure S5 Antibacterial activity of GQDs against *Bacillus subtilis*, *Staphylococcus aureus*, *Escherichia coli* and *Pseudomonas aeruginosa*