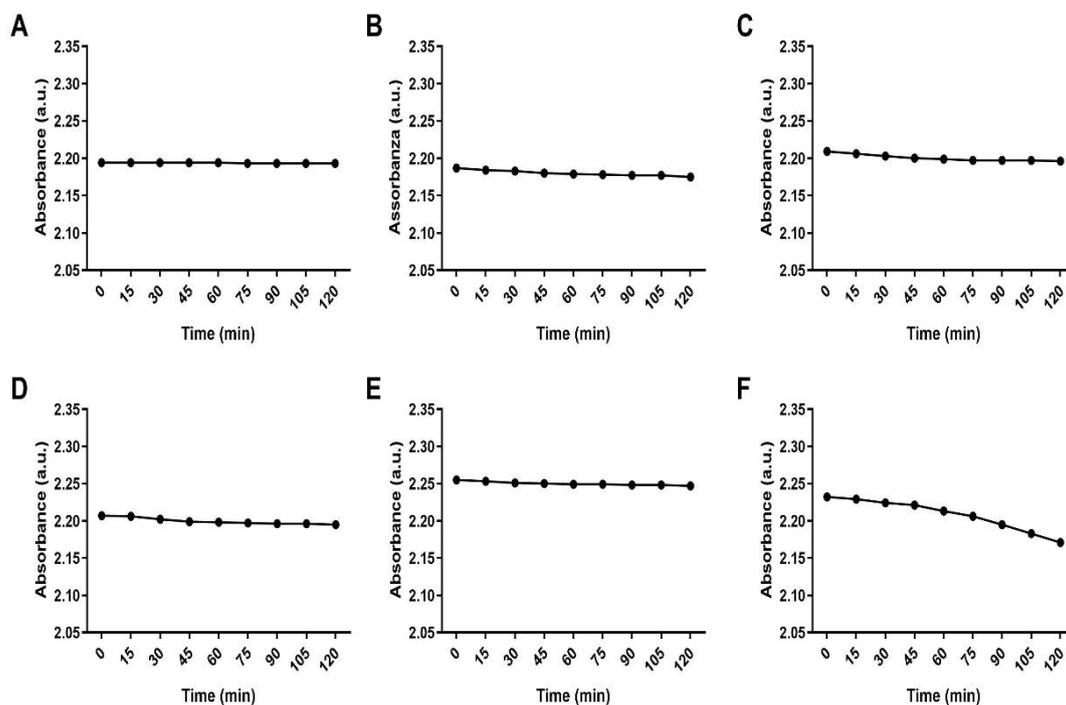


Supplementary materials

Supplementary Figure S1. Stability of GBM dispersions in 0.1% BSA evaluated by UV-Vis analysis. Absorbance values at 660 nm of rGO1 (A), rGO2 (B), rGO3 (C), rGO4 (D), rGO5 (E) and rGO6 (F) dispersion (1 mg/ml) in 0.1% BSA at different time intervals up to 2 h.



Supplementary Figure S2. Kinetic of ROS production in 16HBE14o- cells exposed to rGO1 (A), rGO2 (B), rGO3 (C), rGO4 (D), rGO5 (E) or rGO6 (F). Cells were exposed to each material for increasing time intervals (from 45 min up to 24 h) and ROS production was evaluated by the DCFDA fluorescence assay. As positive control, cells were exposed to 1 mM AAPH. Results are reported as % of ROS production with respect to untreated controls and are the mean \pm SE of 3 independent experiments.

