Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B.

Supporting Information

Self-assembled nanostructures of phosphomolybdate, nucleobase and metal ions synthesis and their in vitro cytotoxicity studies on cancer cell lines

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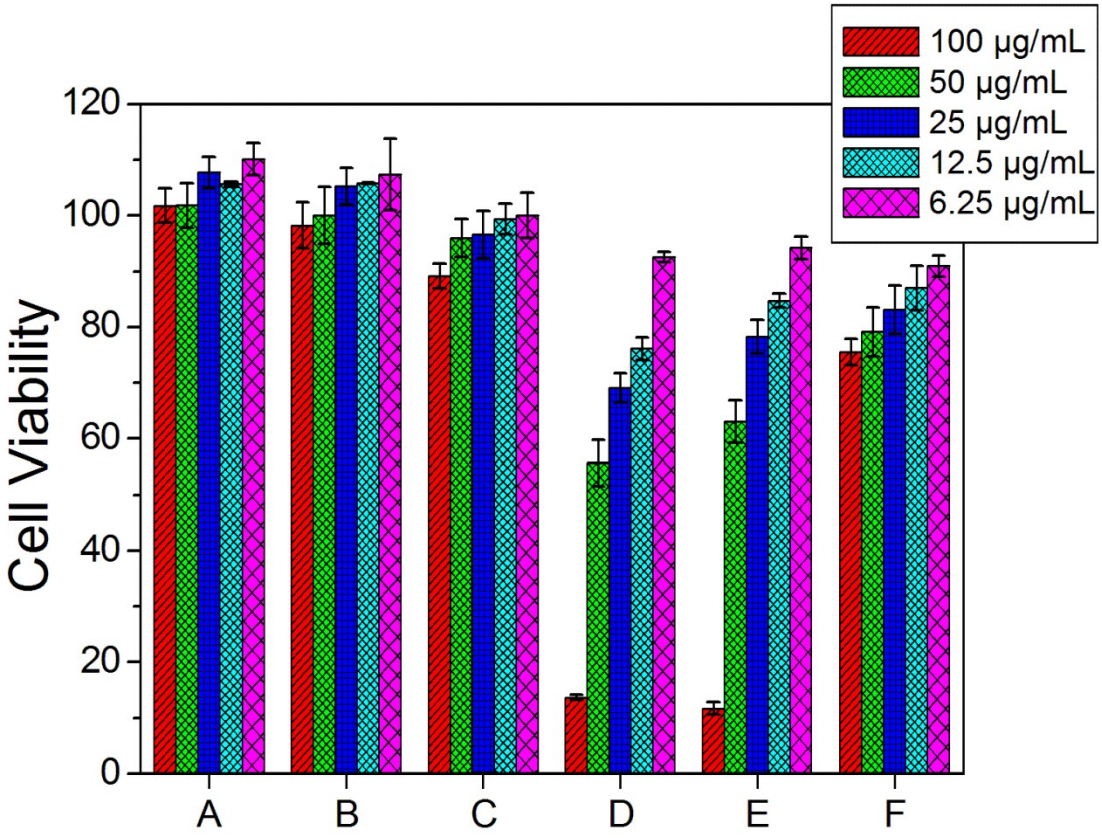

Figure S1. The cytotoxic effect of varying concentration of nano particles (6.25-100 µg/mL) on PC-3 cells (after 48 hours) has shown as cell viability *vs* the dose and time dependence. Results are presented as mean ± standard deviation of 3 independent experiments. A – (PMA/A), B- (PMA/T), C- (PMA/A/Ag), D - (PMA/A/Au), E -(PMA/T/Ag), F- (PMA/T/Au)

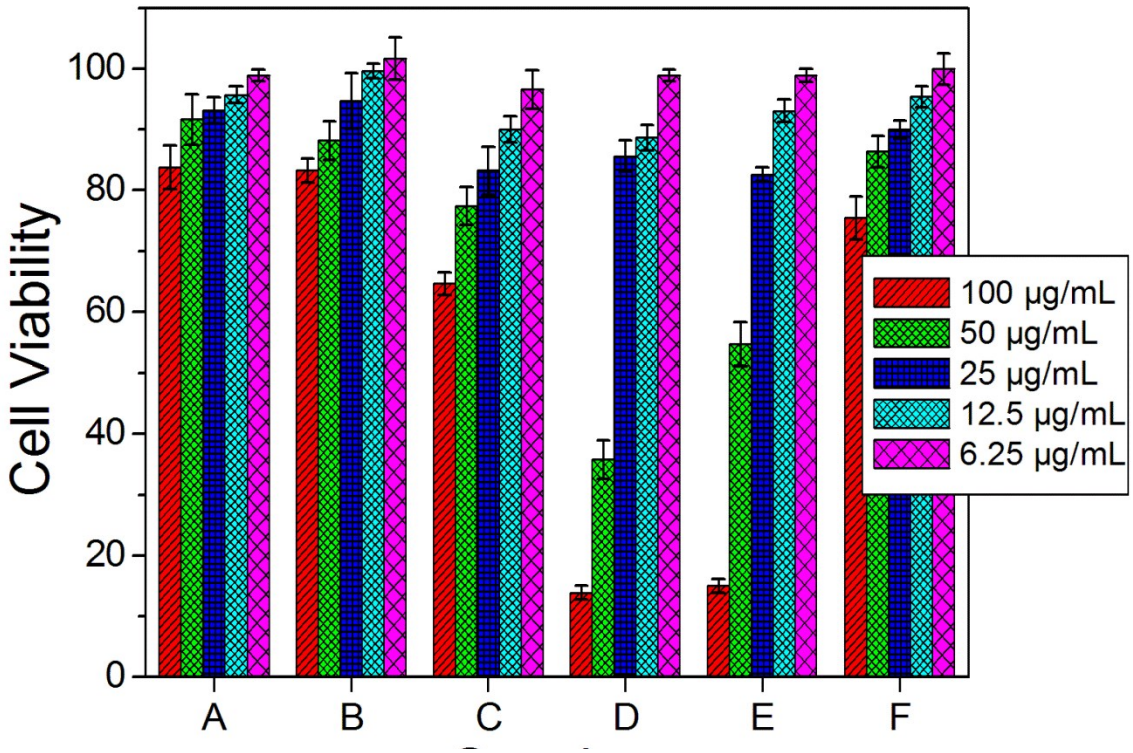

Figure S2. The cytotoxic effect of varying concentration of nano particles (6.25-100 µg/mL) on MDAMB-231 cells (after 48 hours) has shown as cell viability *vs* the dose and time dependence. Results are presented as mean ± standard deviation of 3 independent experiments. A – (PMA/A), B- (PMA/T), C- (PMA/A/Ag), D - (PMA/A/Au), E -(PMA/T/Ag), F- (PMA/T/Au)

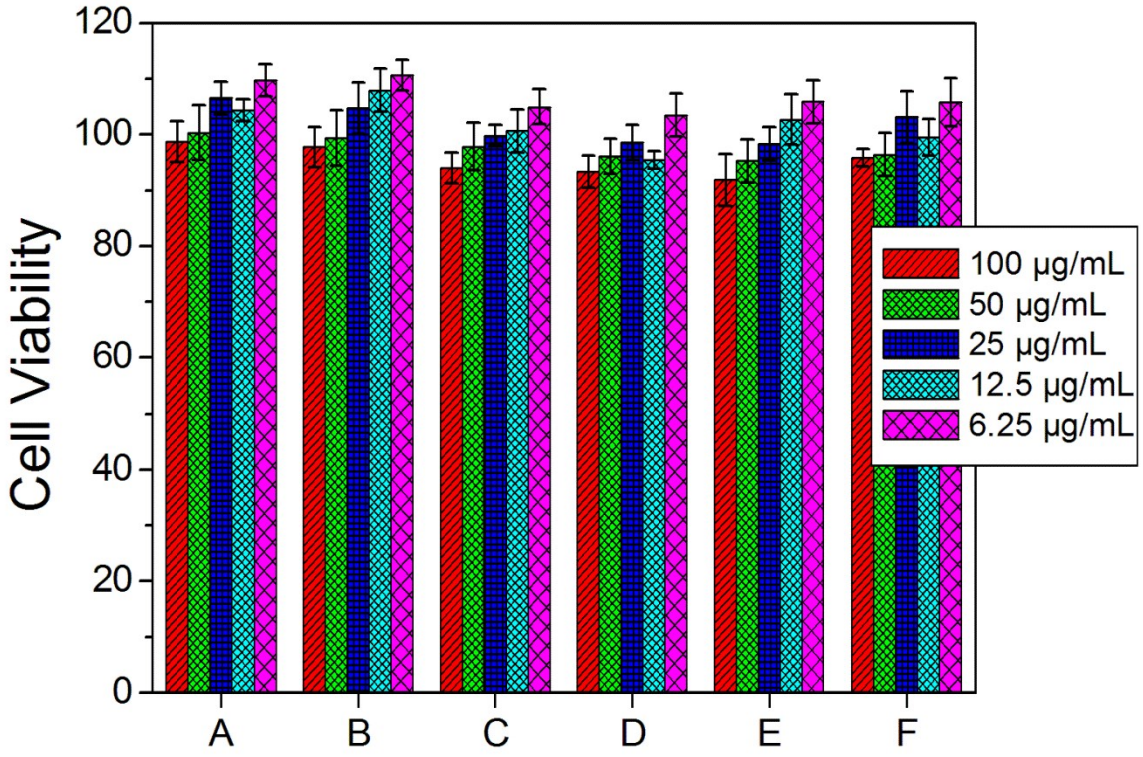

Figure S3. The cytotoxic effect of varying concentration of nano particles (6.25-100 µg/mL) on HaCaT (after 72 hours) cells has shown as cell viability vs the dose and time dependence. Results are presented as mean ± standard deviation of 3 independent experiments. A – (PMA/A), B- (PMA/T), C- (PMA/A/Ag), D - (PMA/A/Au), E -(PMA/T/Ag), F- (PMA/T/Au)

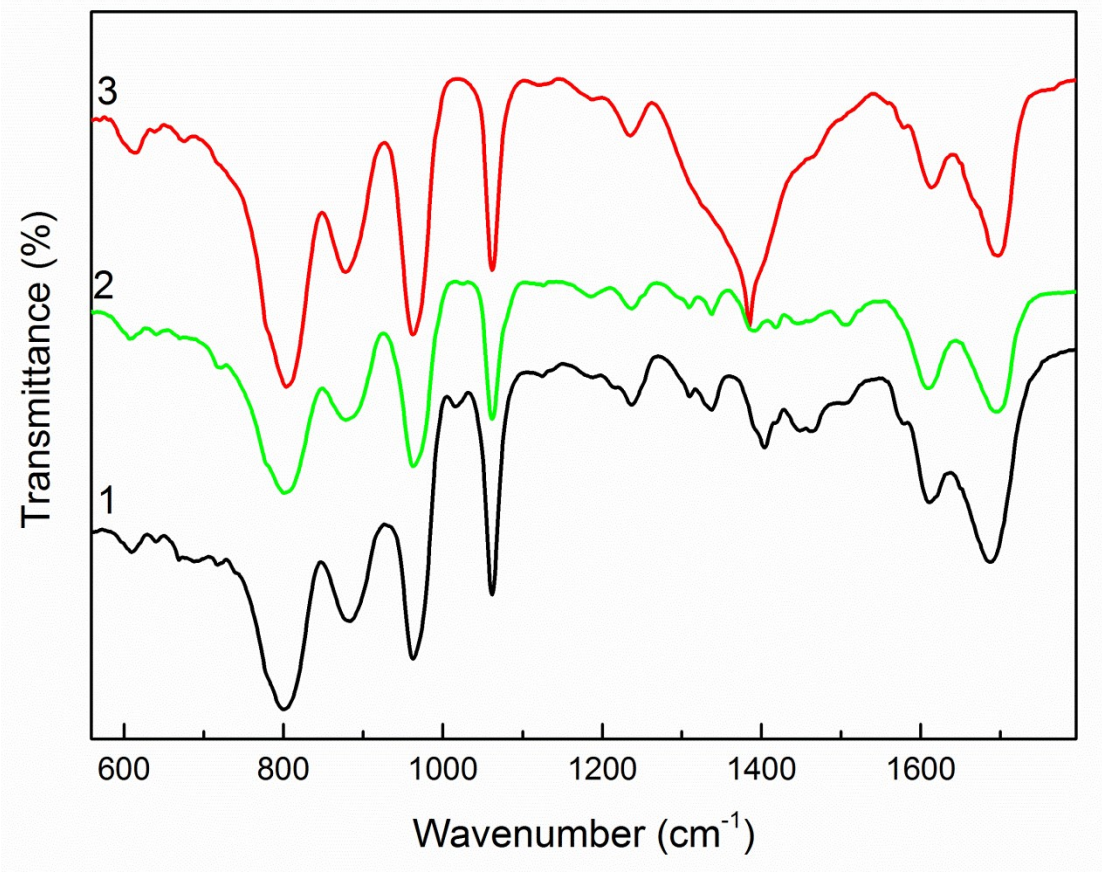

Figure S4: FTIR spectra of PMA/A (1), PMA/A/Au (2) and PMA/A/Ag (3)

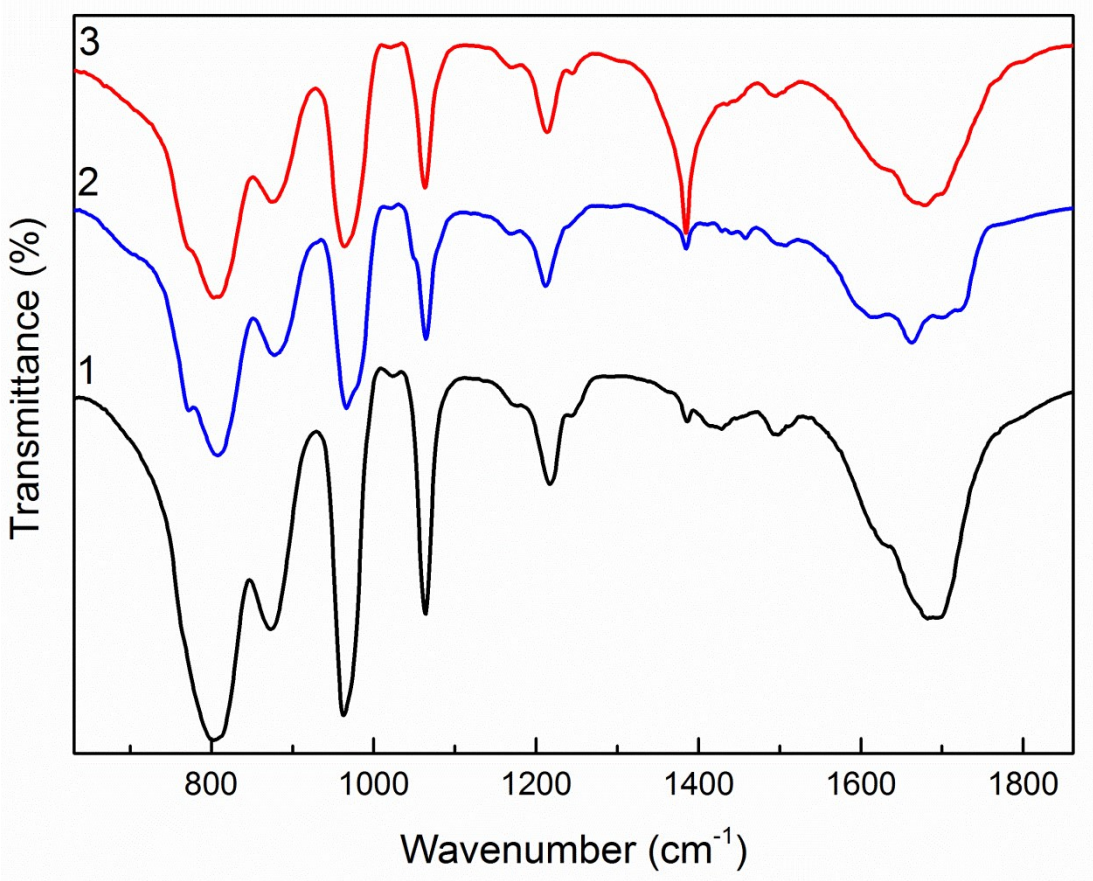

Figure S5: FTIR spectra of PMA/T (1), PMA/T/Au (2) and PMA/T/Ag (3)

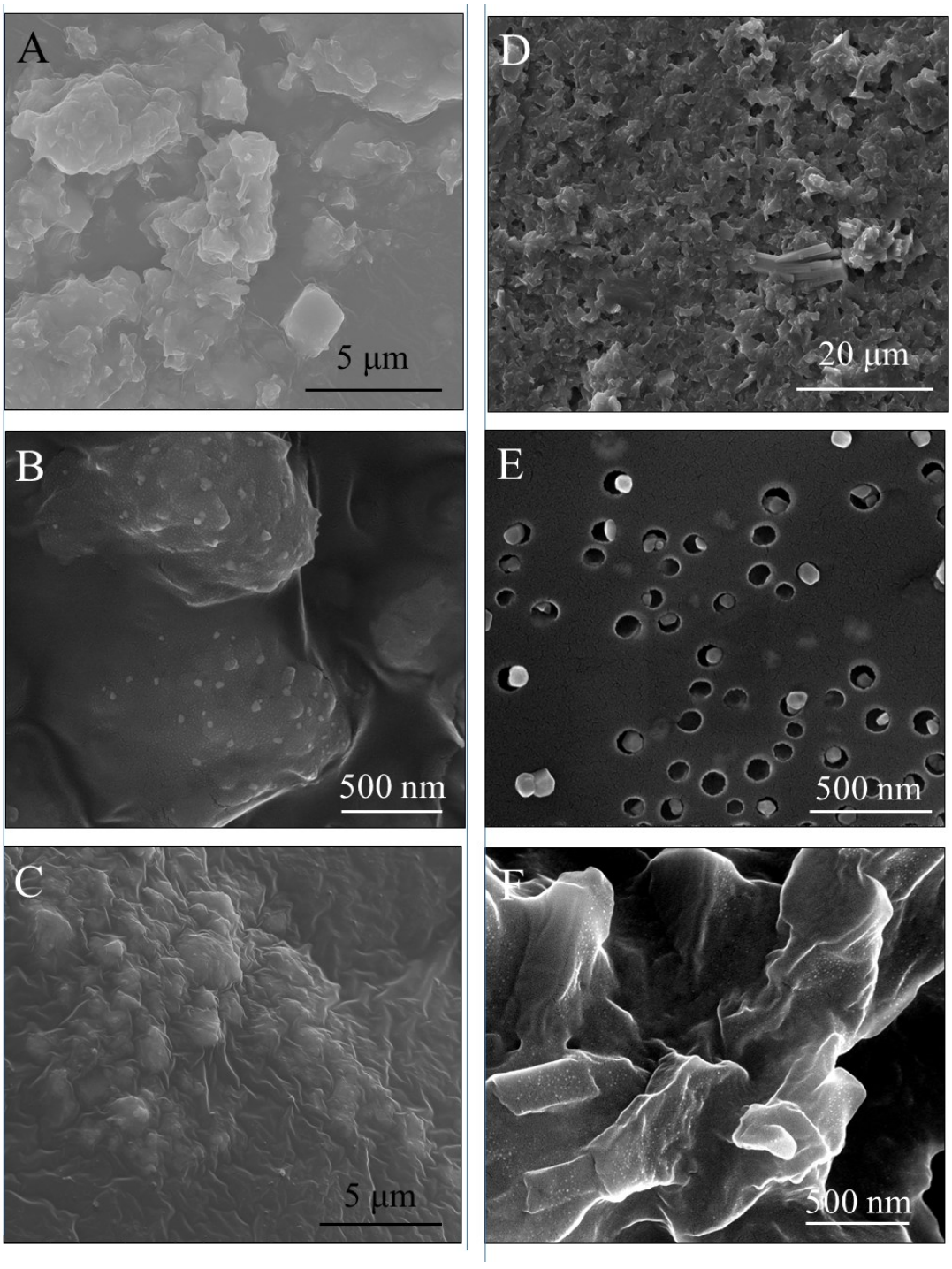

Figure S6. SEM images of (A) PMA/A (B) PMA/A/Ag (C) PMA/A/Au (D) PMA/T (E) PMA/T/Ag (F) PMA/T/Au