

Electronic Supplementary Information (ESI)

Title : Hydrophobically modified PEGylated glycol chitosan nanoparticles: Synthesis, characterisation and anticancer property

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Journal : New Journal of Chemistry

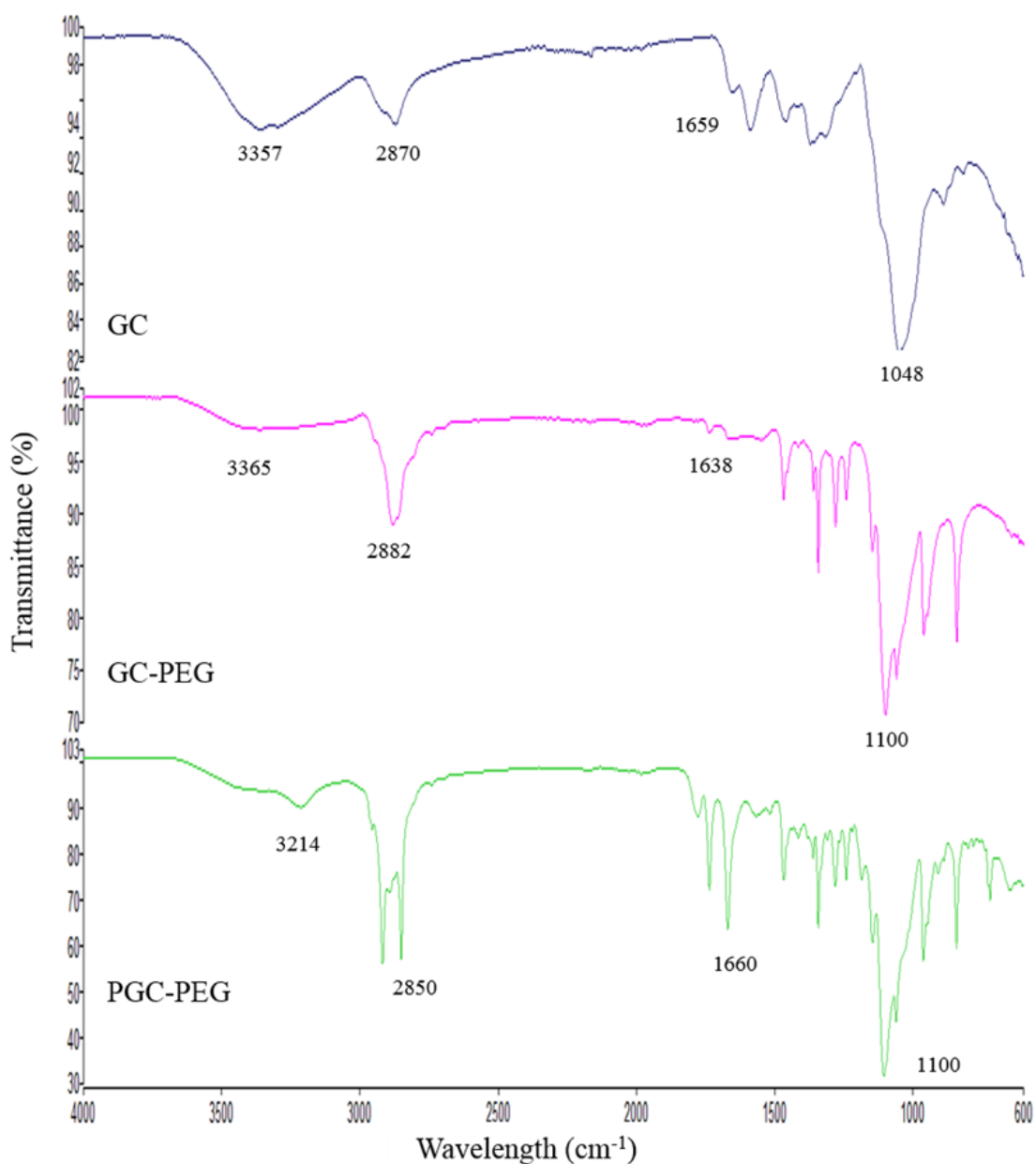


Figure S1: FTIR spectra of GC, GC-PEG and PGC-PEG.

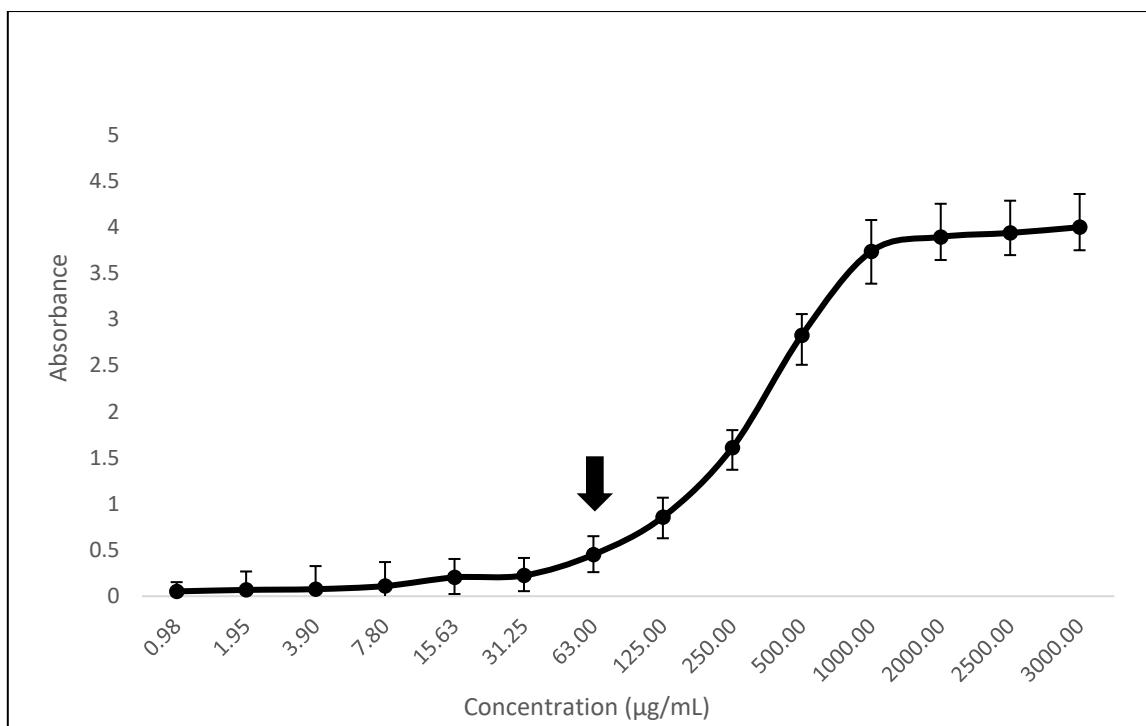


Figure S2: The sigmoidal curve represents the absorbance against PGC-PEG concentrations. The arrow shows the CMC value of PGC-PEG at 63 µg/ml.

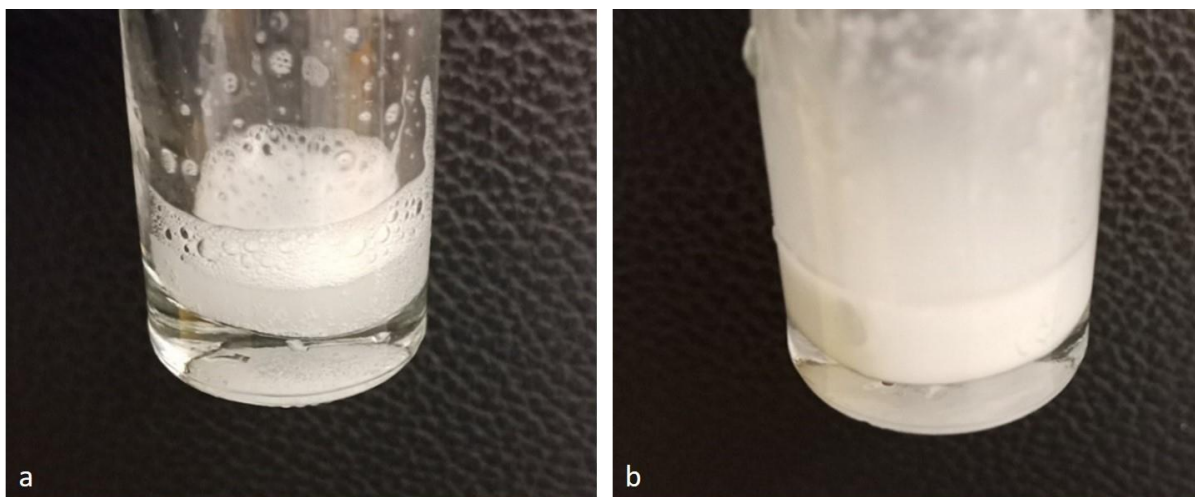


Figure S3: The PMs (a) appeared as a cloudy suspension whereas the NEs (b) appeared as a milky-white emulsion.

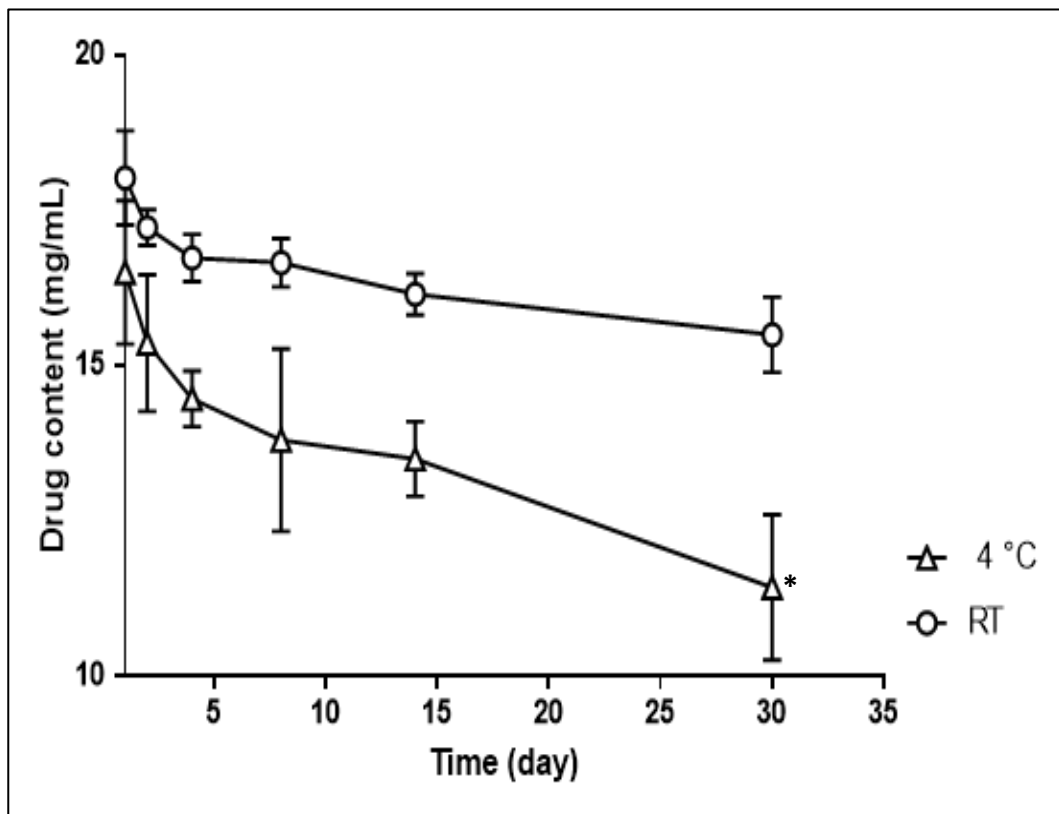


Figure S4: Amount of ITZ detected in olive oil is shown for Day 1, 2, 4, 8, 14 and 30 (mean± SD, n=3). *Significant compared to drug content on Day 1 (p<0.05).

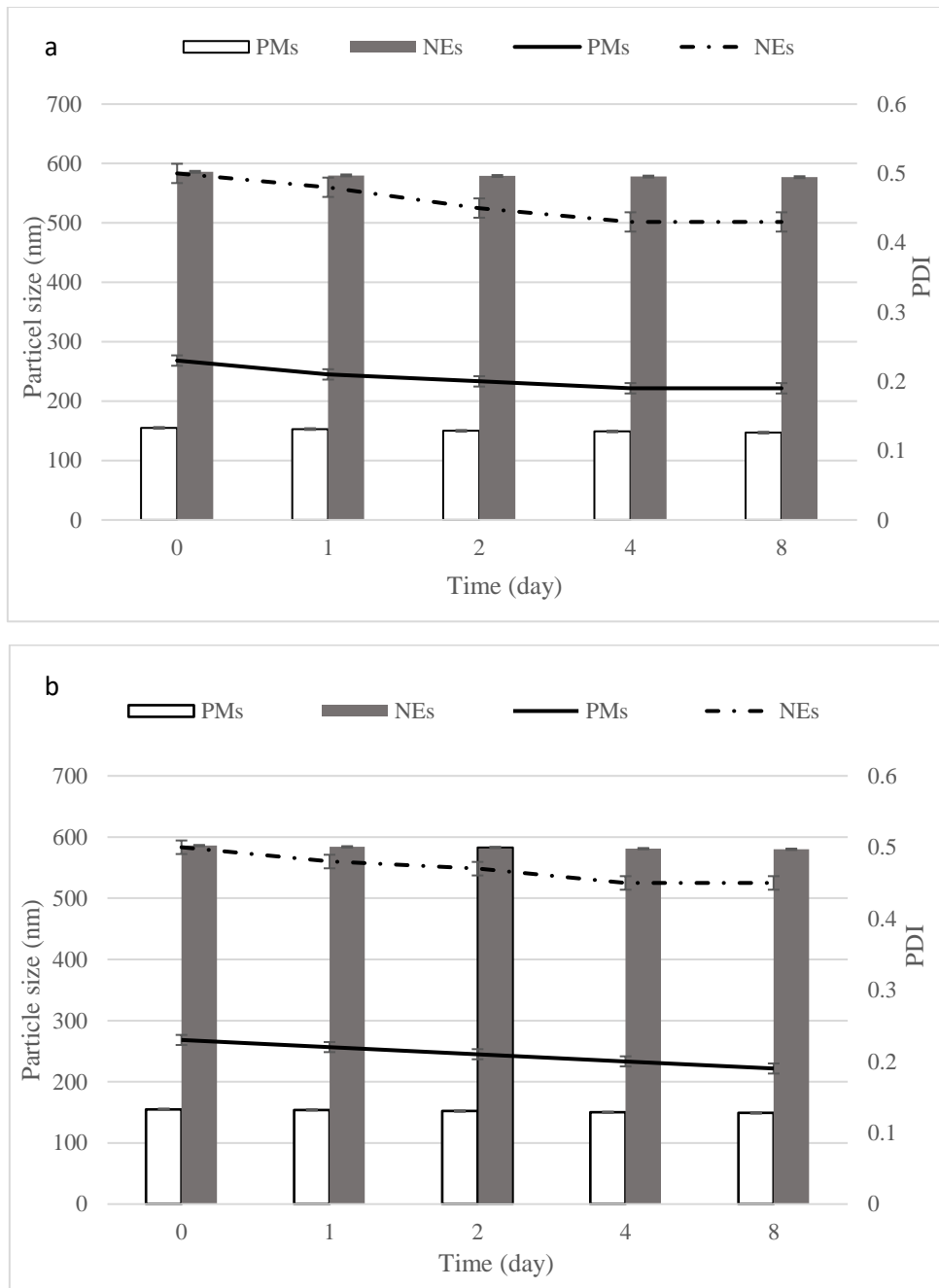


Figure S5: Bar graph represents the particle size and line graph represents the PDI values of PMs and NEs at (a) RT and (b) 4°C (mean \pm SD, n = 3).