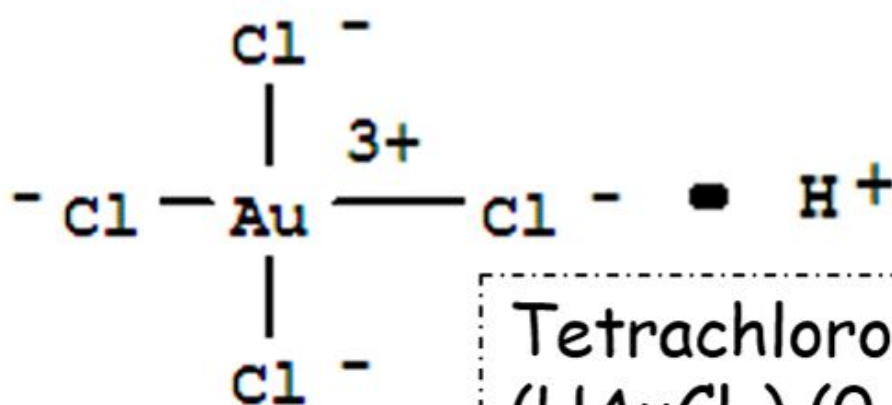
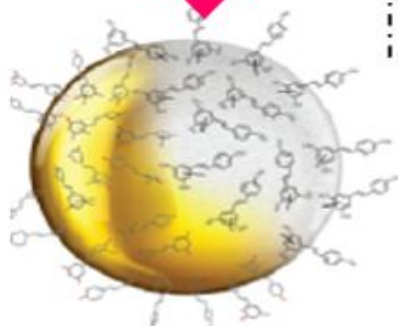


7,8 dihydroxyflavone
DHF (0.8mM)



Tetrachloroauric acid
(HAuCl_4) (0.5mM)

Stirred and heated at
80-90°C for ~30min



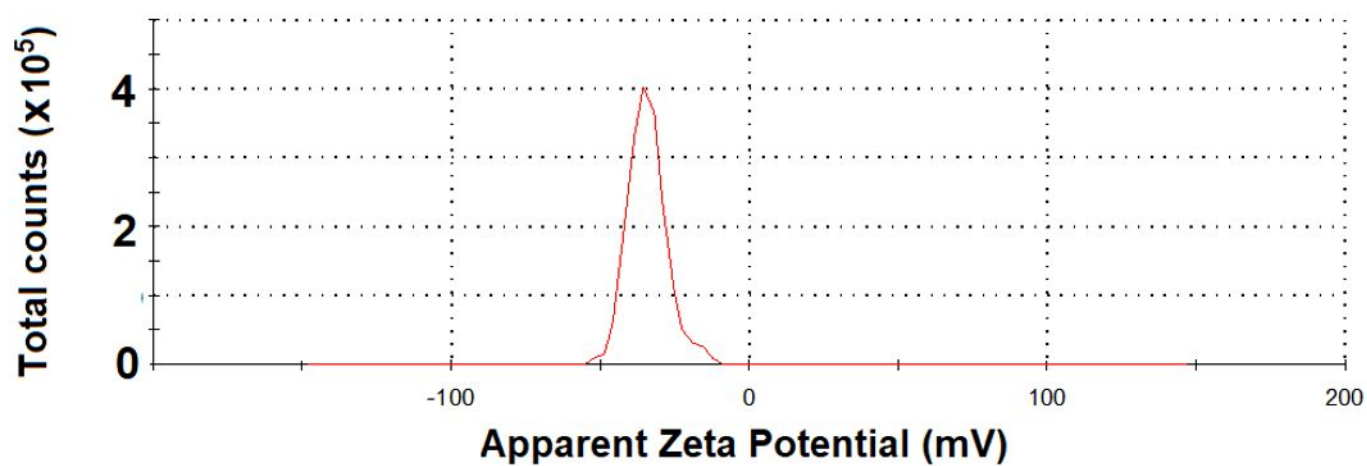
Formation of **wine-red** color indicates
DHF-GNP synthesis

Fig. S1



A.

Zeta potential distribution



B.

Intensity Distribution

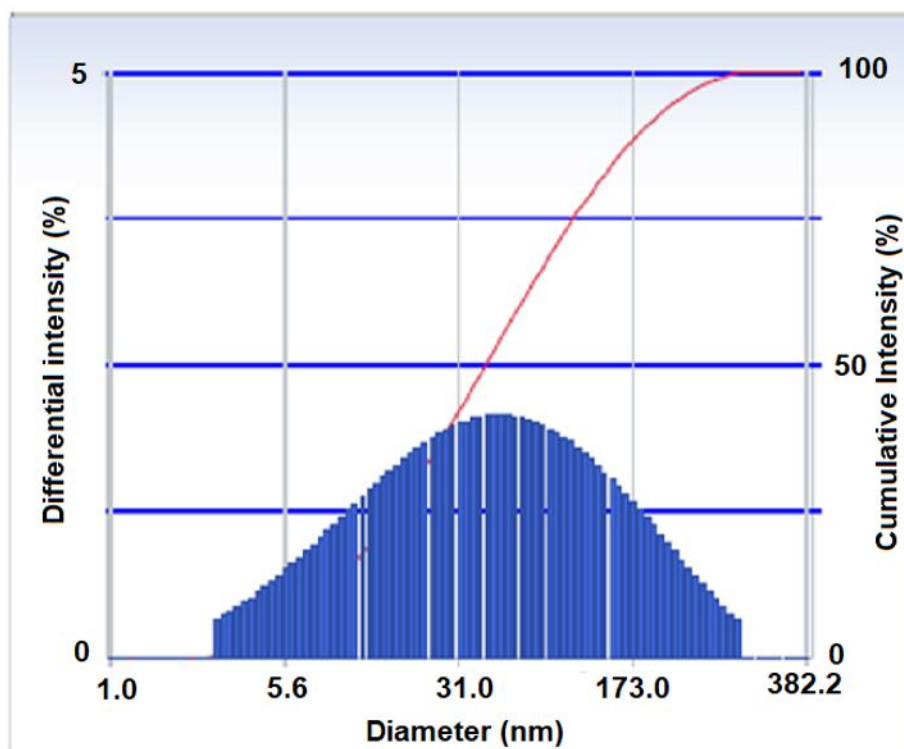


Fig.S2

A. Intensity Distribution

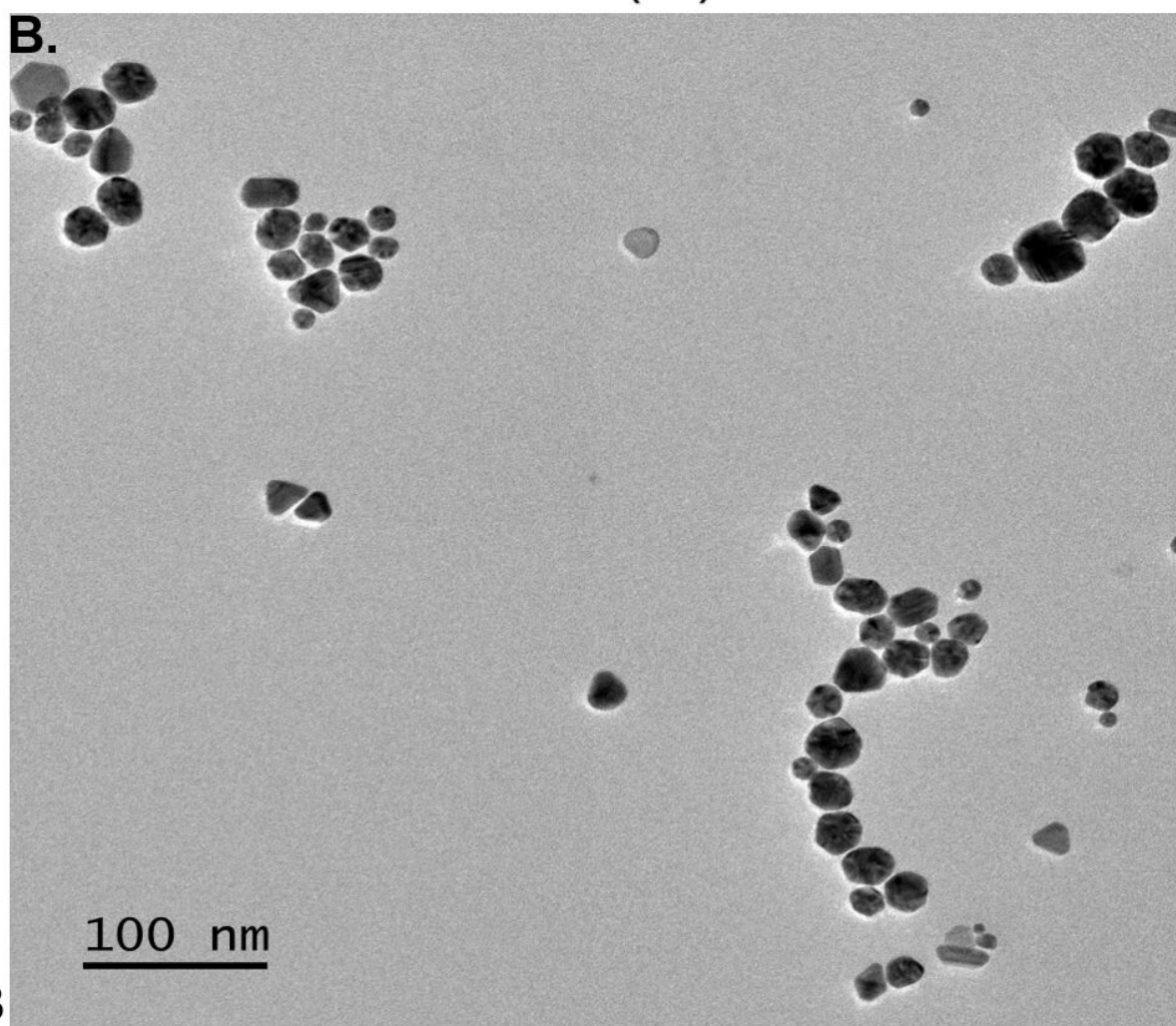
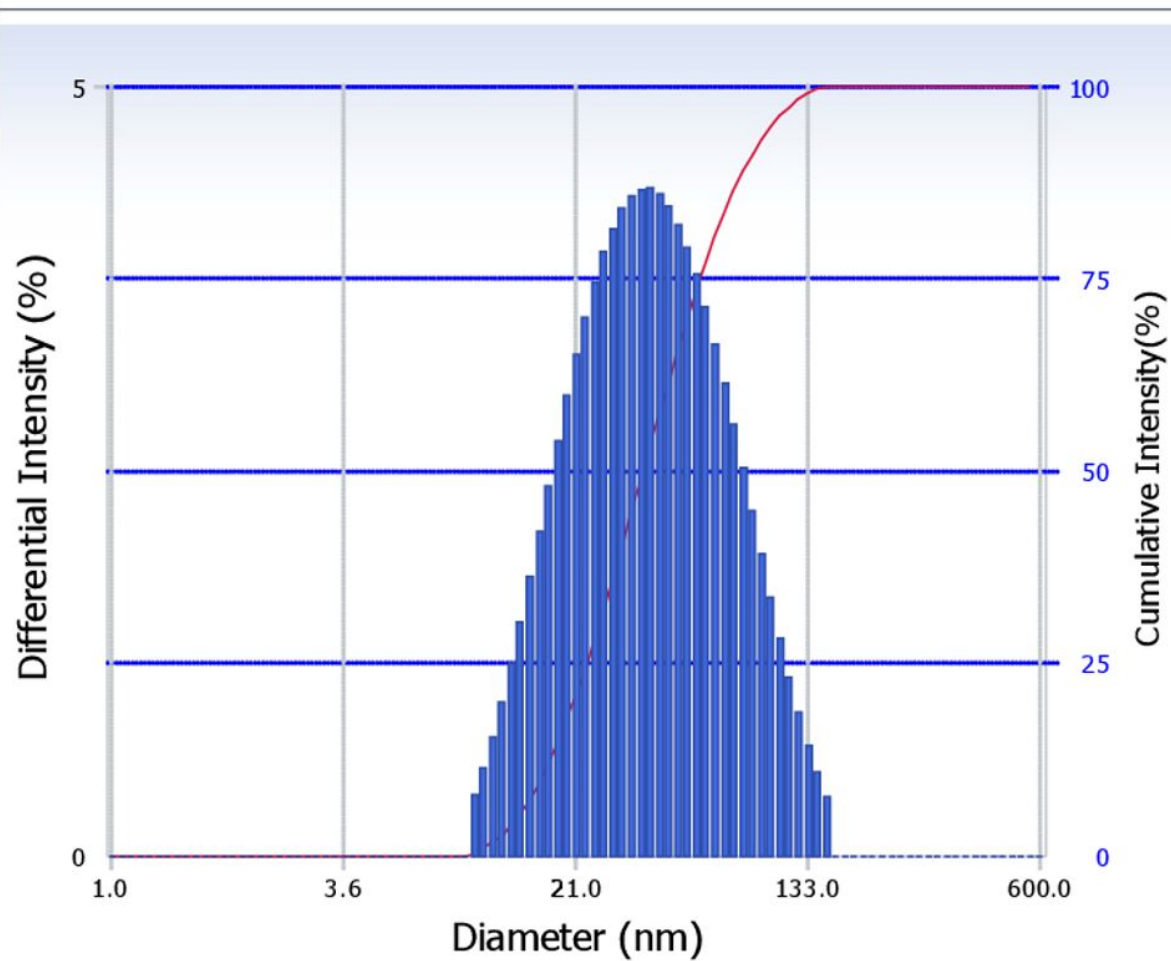


Fig. S3

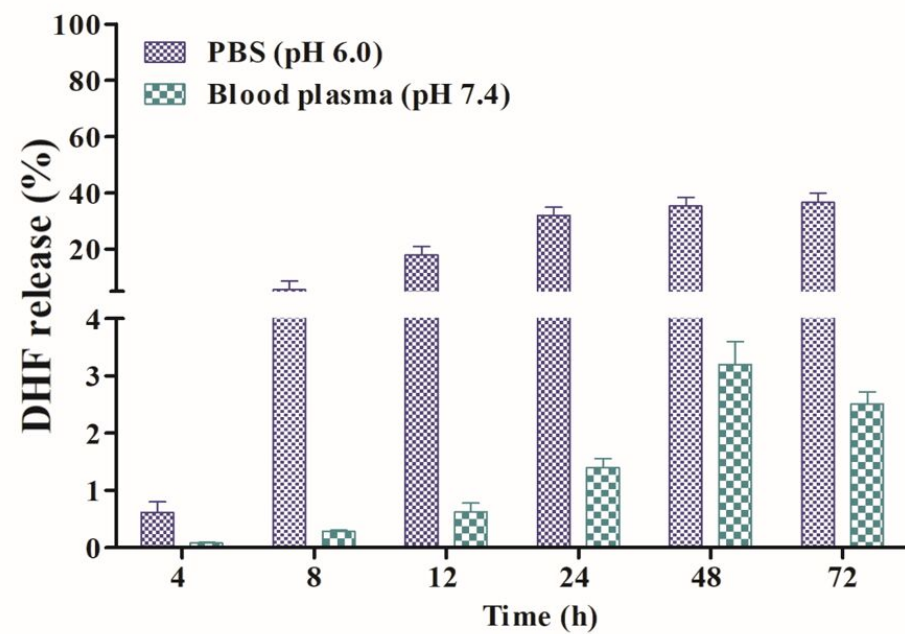
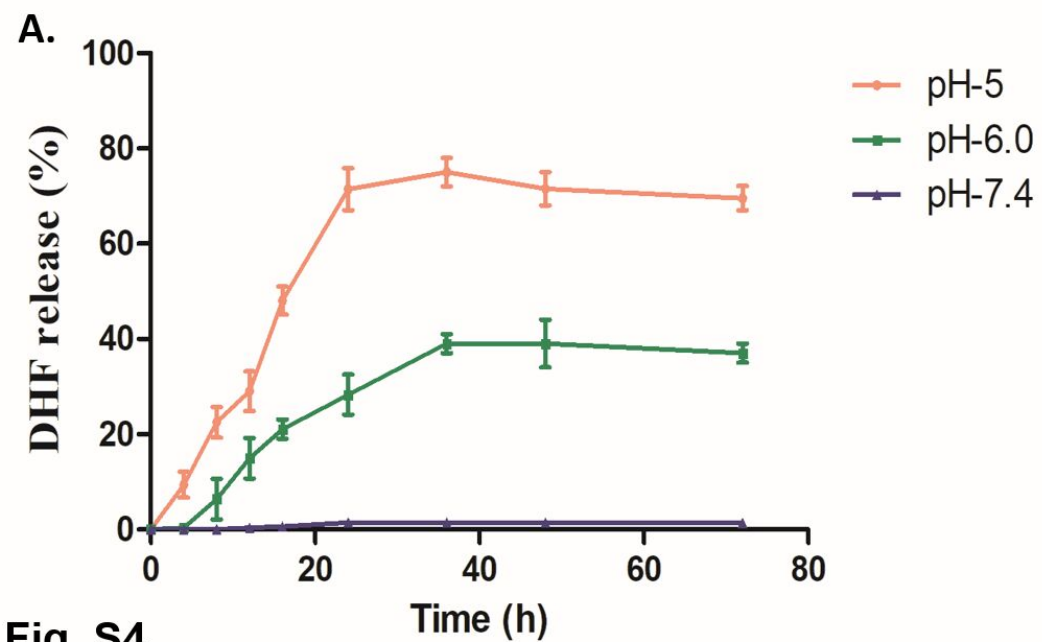


Fig. S4

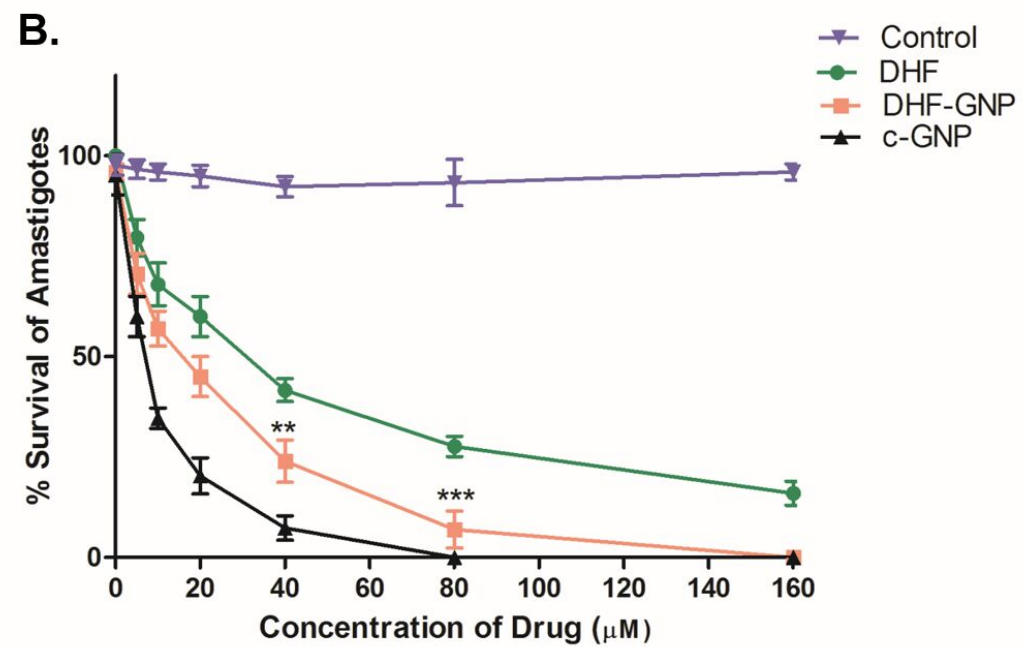
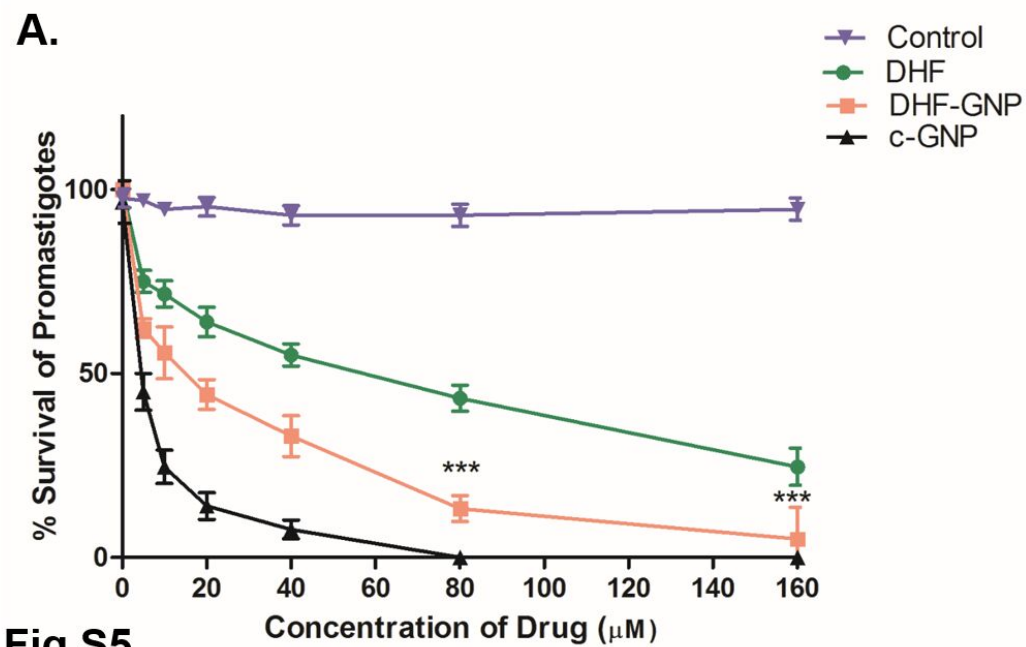


Fig.S5

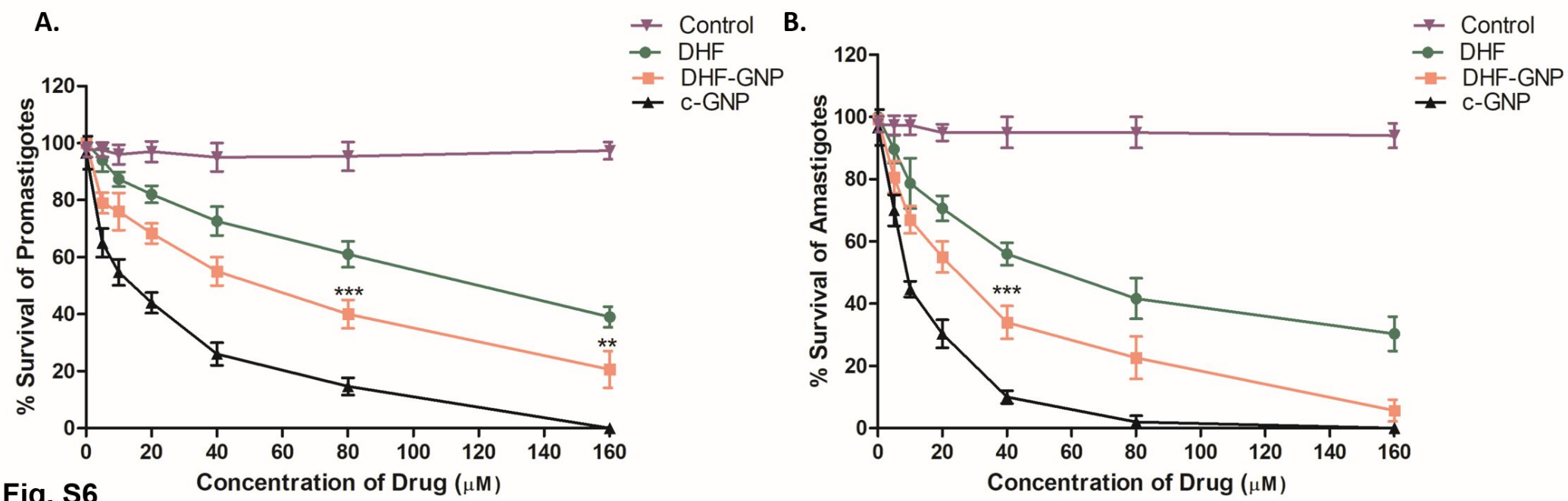


Fig. S6

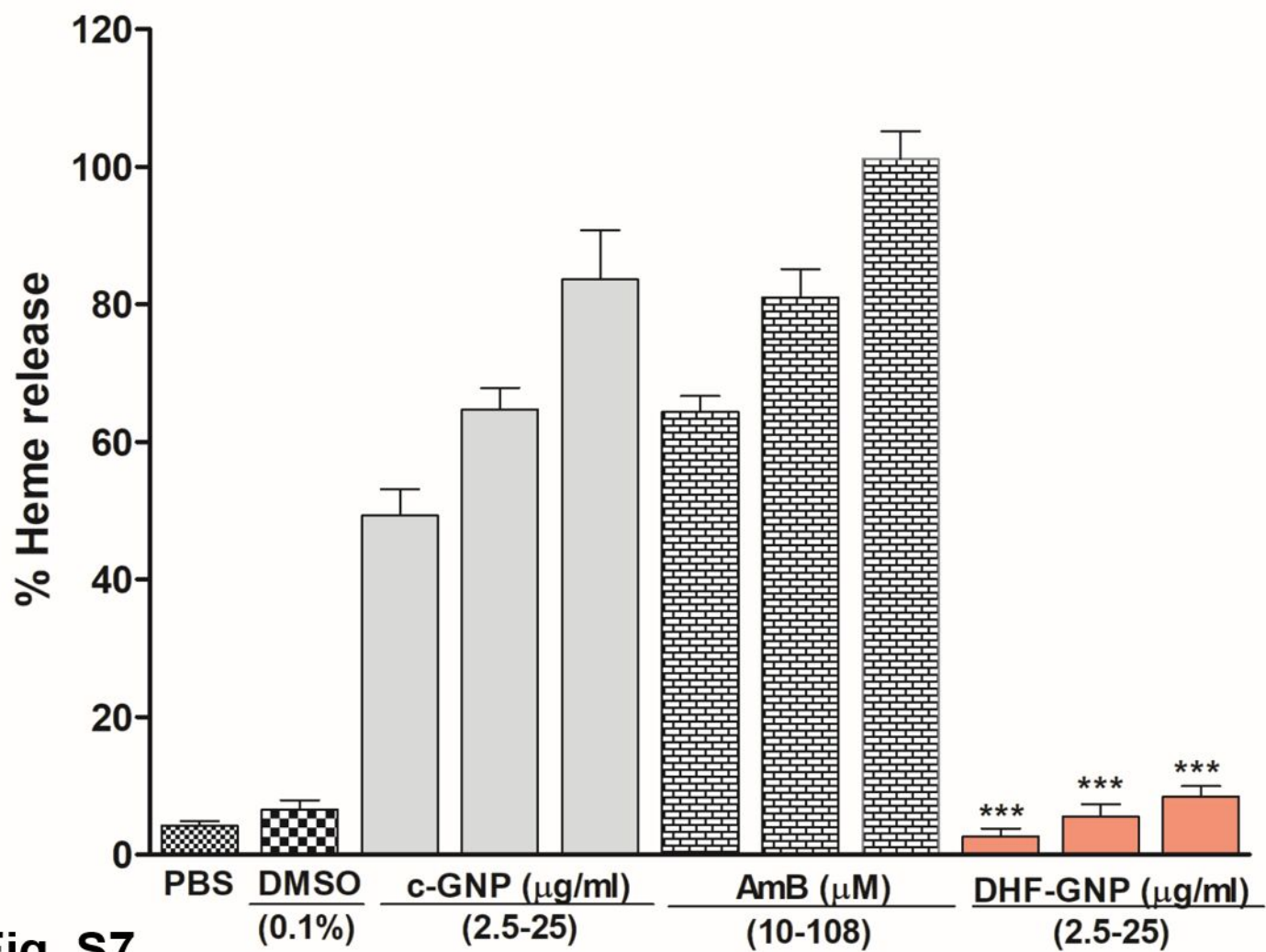


Fig. S7

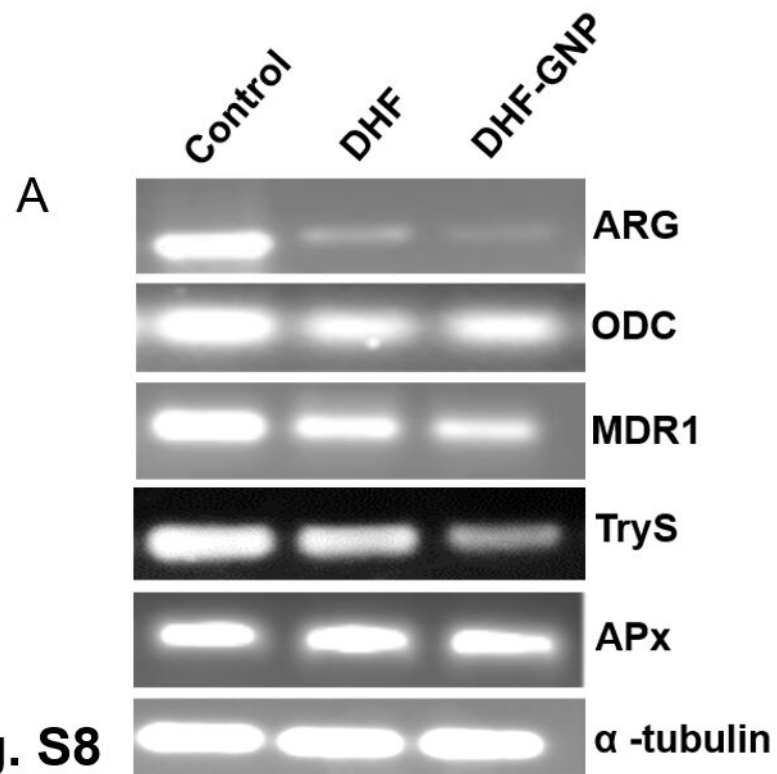
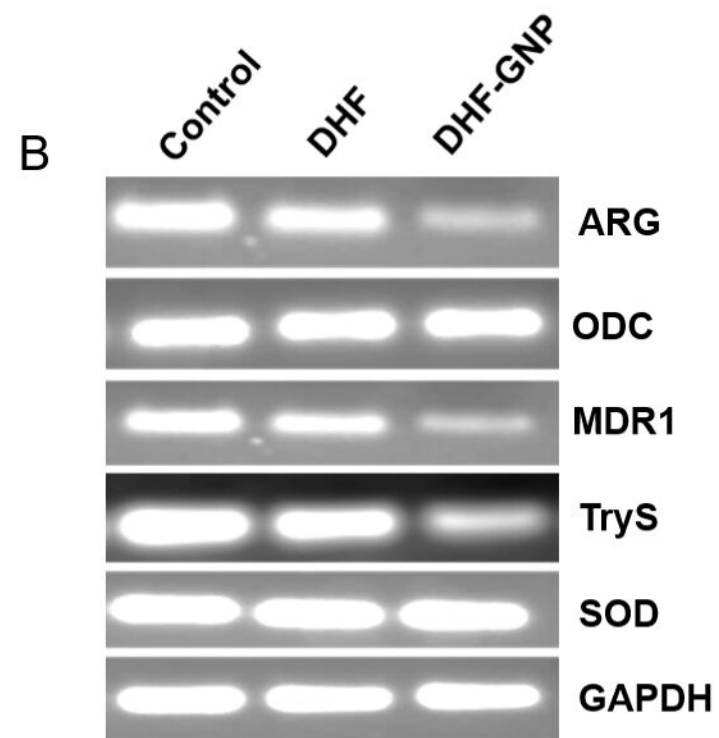
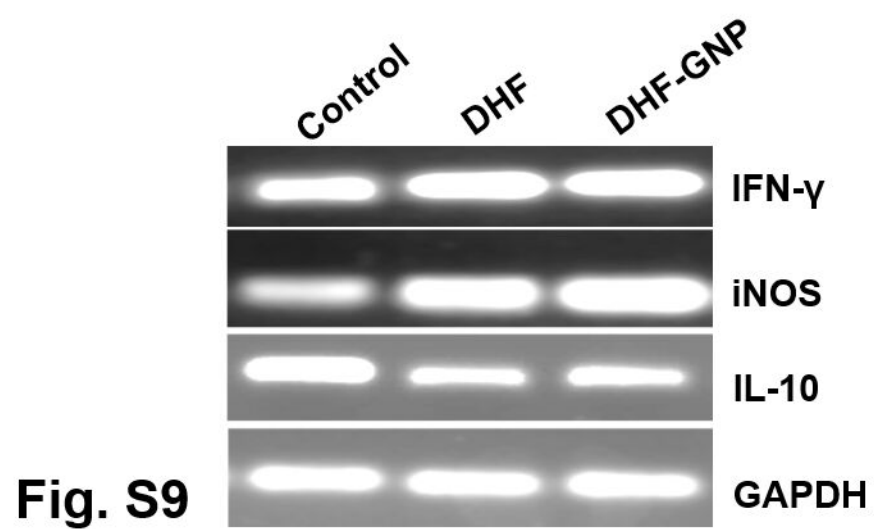


Fig. S8





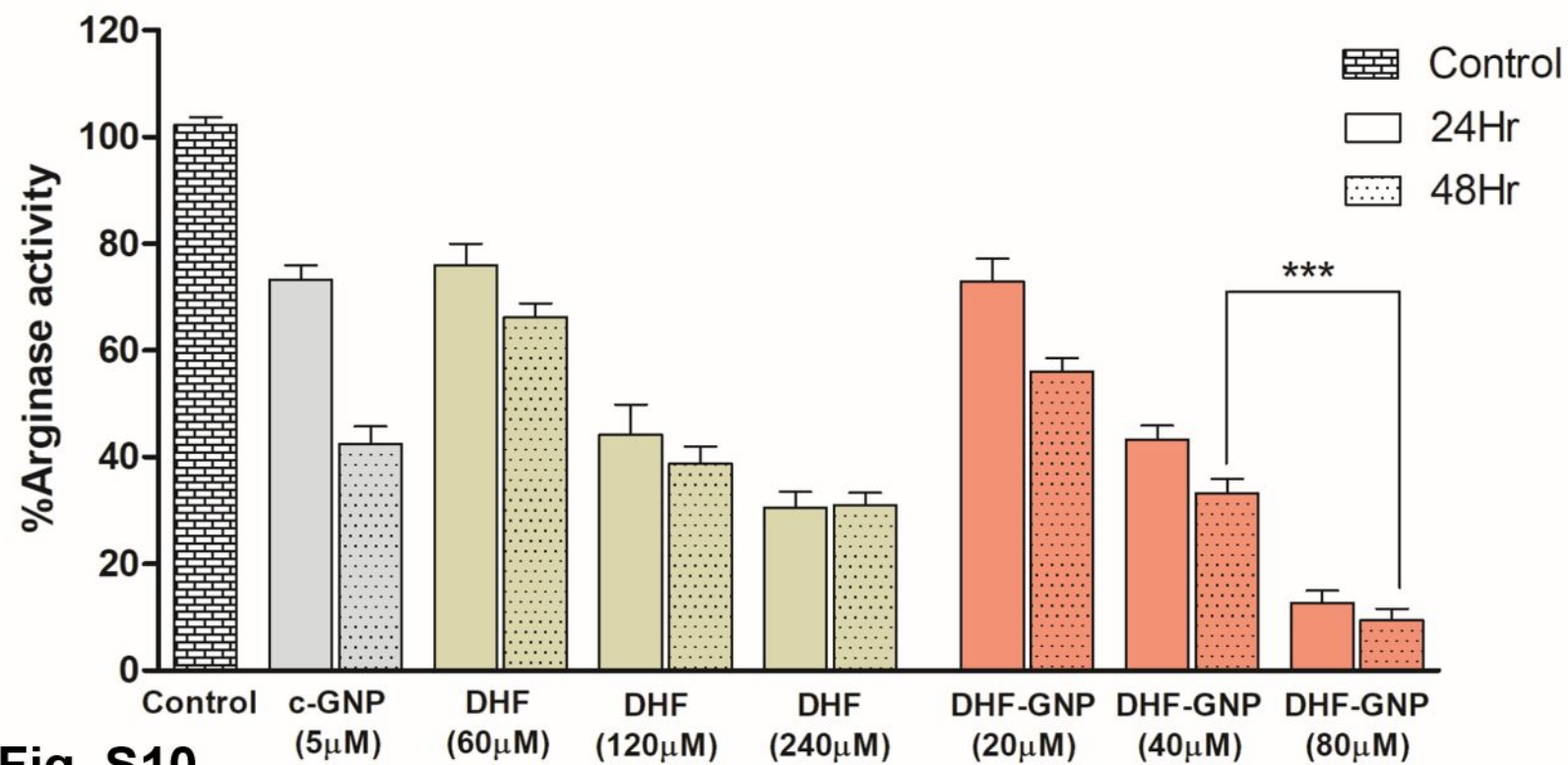


Fig. S10

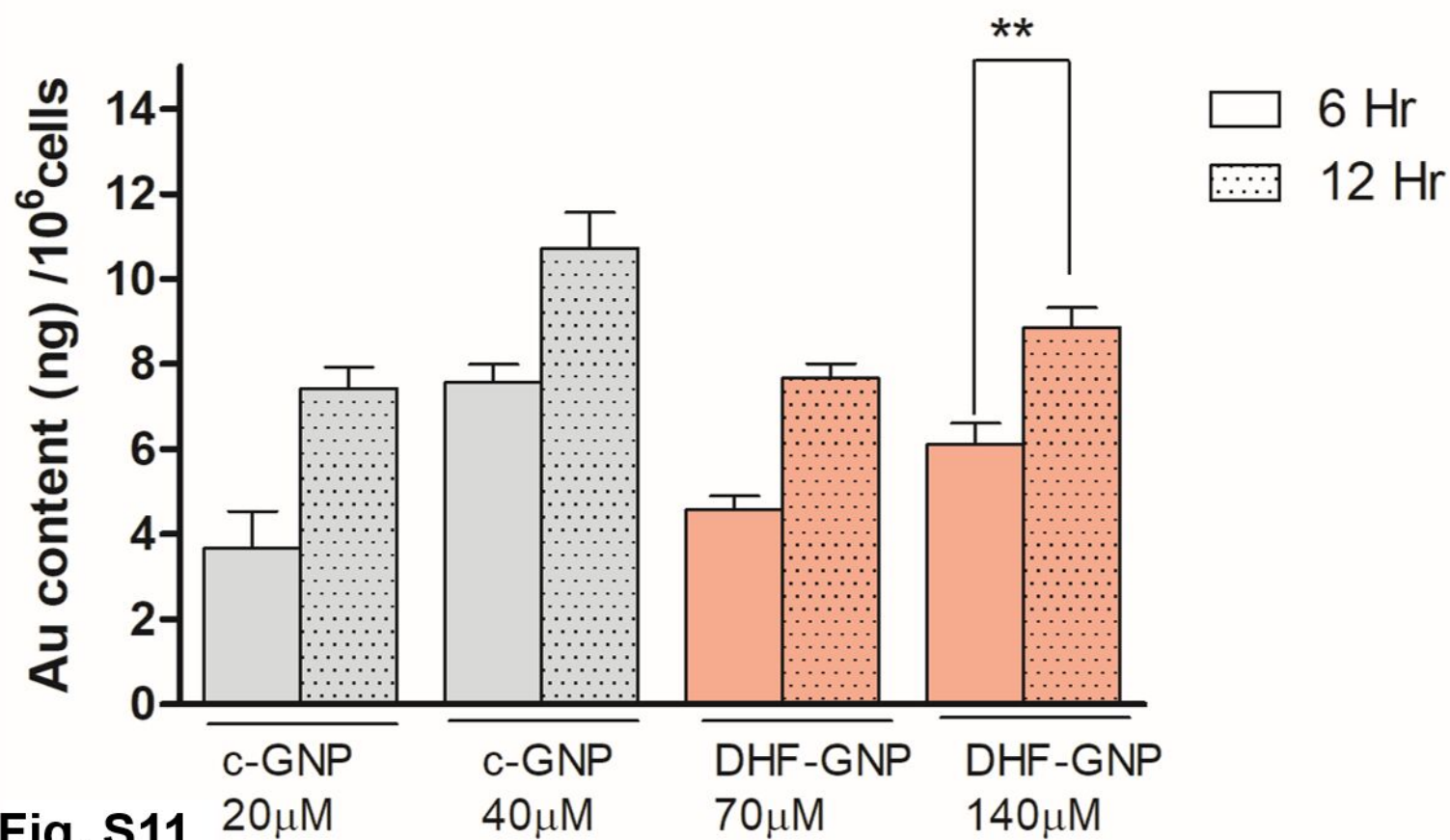
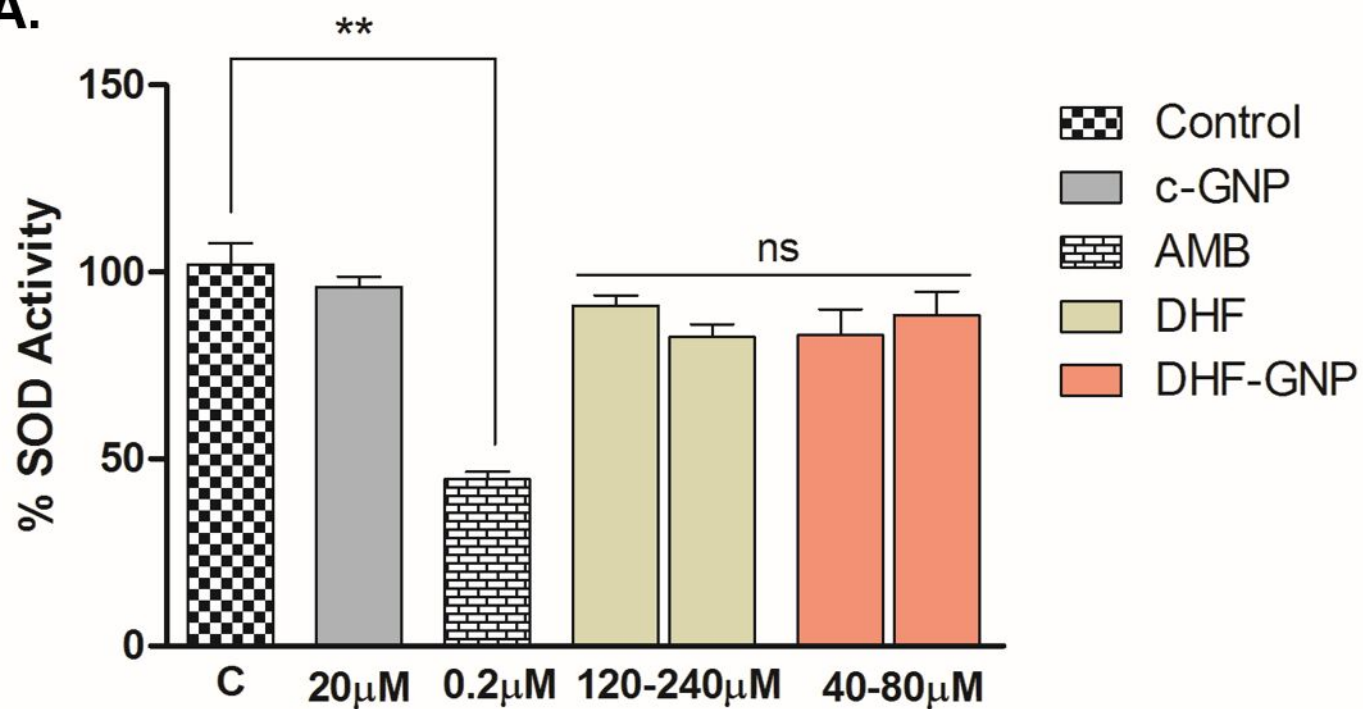


Fig. S11

A.



B.

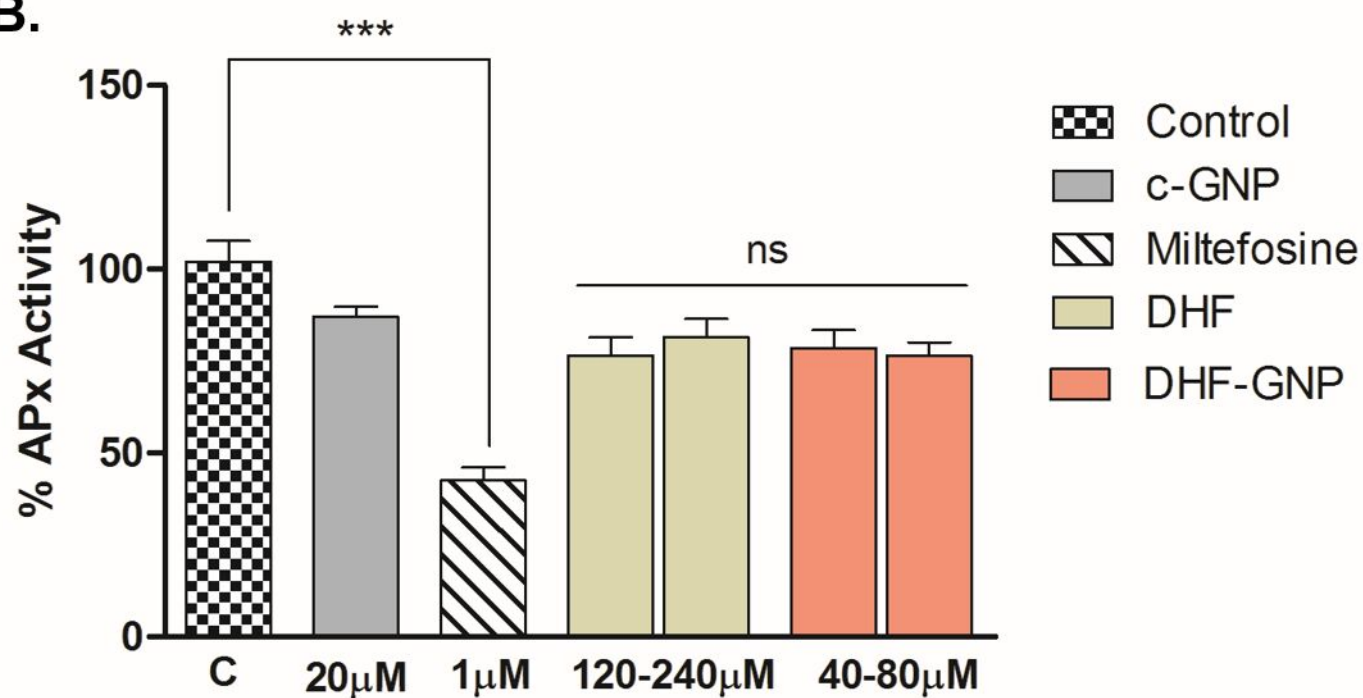


Fig.S12

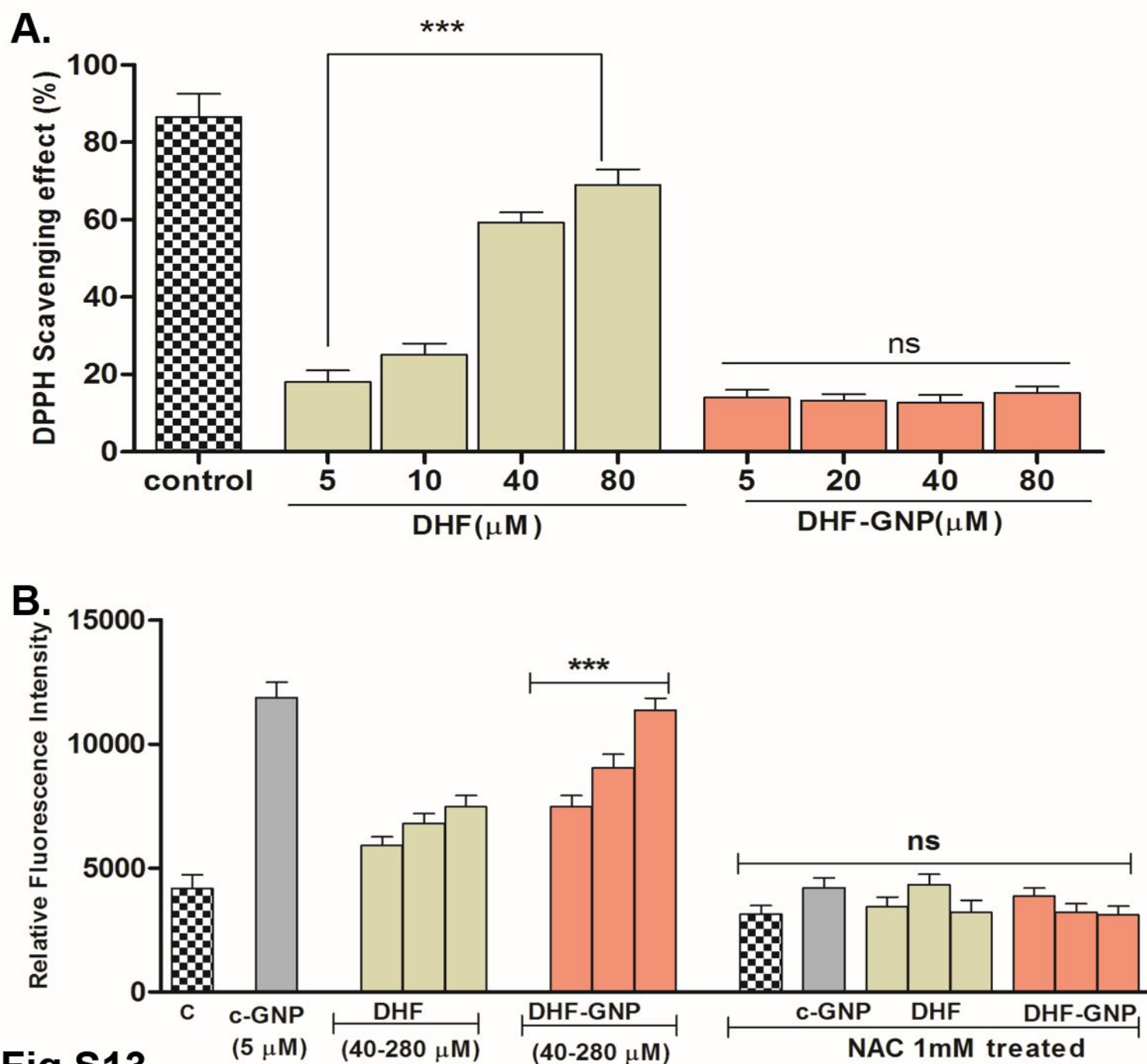


Fig.S13

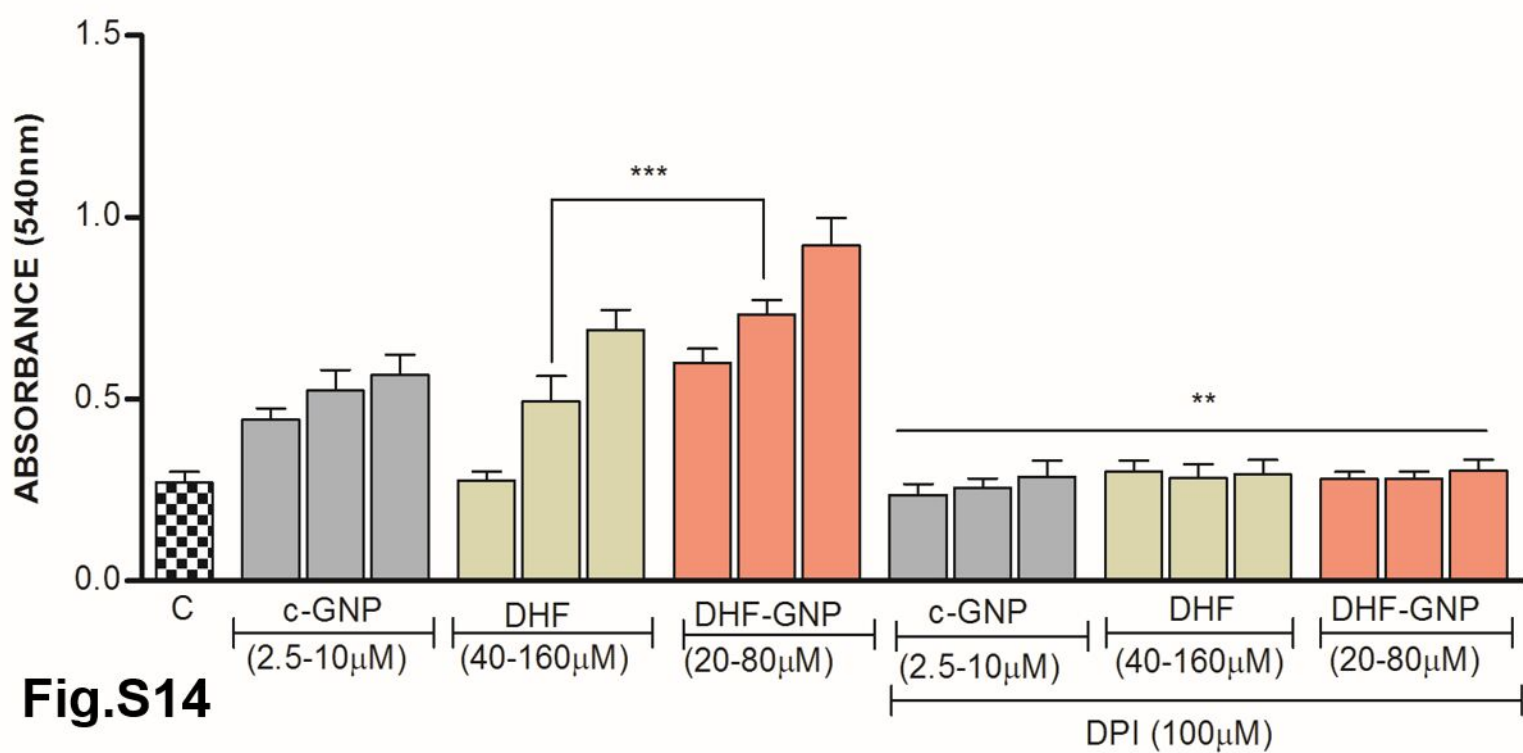


Fig.S14