

Supplementary Information for the manuscript

Influence of ionic strength on the interaction of purpurin with DNA that helps to explain studies of it and its Cu^{II} complex on some breast cancer cells

¹Piyal Das, ²Debalina Bhattacharya, ²Parimal Karmakar, ¹Saurabh Das*

¹Department of Chemistry, Jadavpur University, Kolkata - 700 032, INDIA

**²Department of Life Science and Biotechnology, Jadavpur University, Kolkata - 700 032,
INDIA**

Fig. 1S

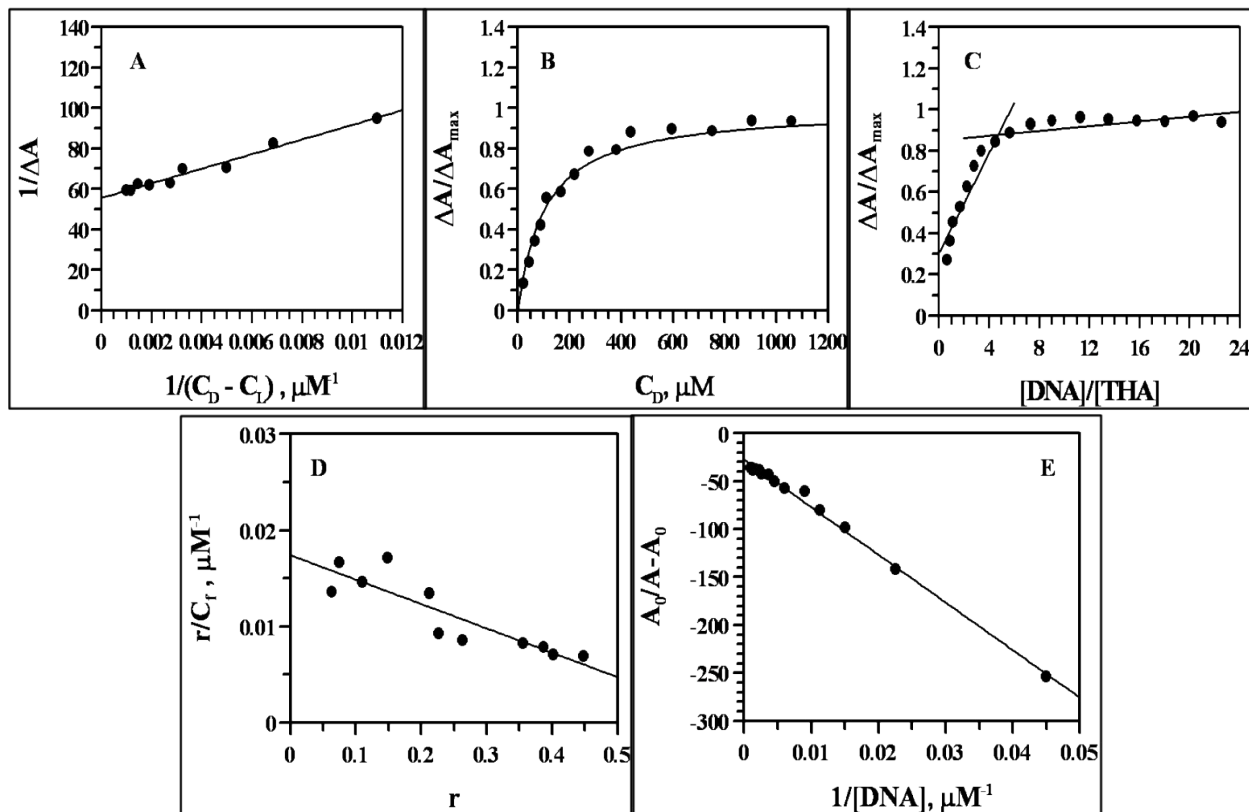


Figure 1S: A) Double reciprocal plot for the interaction of THA with c t DNA that was followed by UV-Vis spectroscopy; B) Non-linear fit analysis of the same; C) Plots of normalized increase of absorbance as a function of mole-ratio of c t DNA to THA; D) Scatchard plot of the above interaction; E) the corresponding Benesi-Hildebrand plot; [THA] = 75 μ M, [NaCl] = 80 mM; [TRIS] = 15 mM of pH = 7.42; T = 298 K.