

**Supporting information**

**Comparative in vitro cytotoxicity and binding investigation of artemisinin and its biogenetic precursors with ctDNA**

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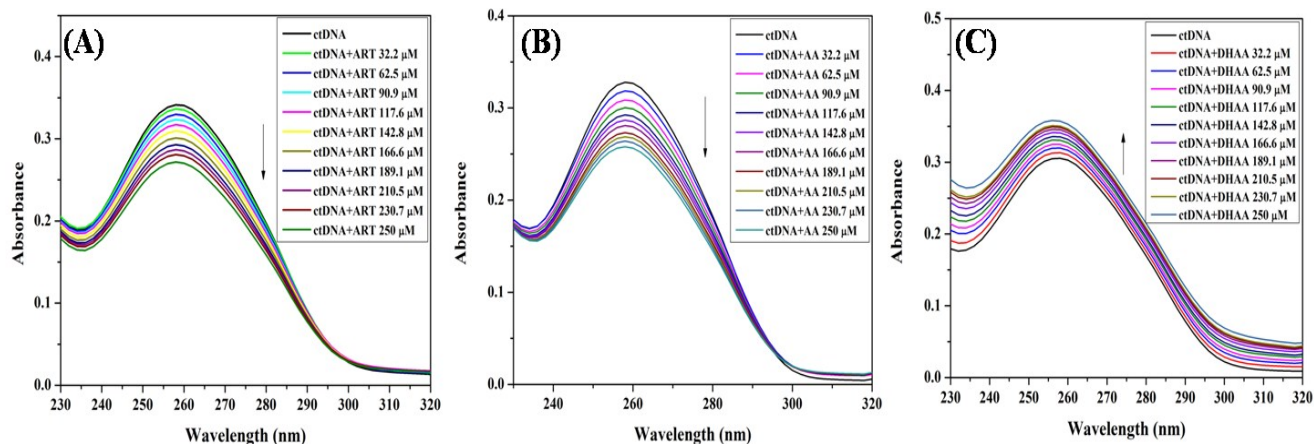
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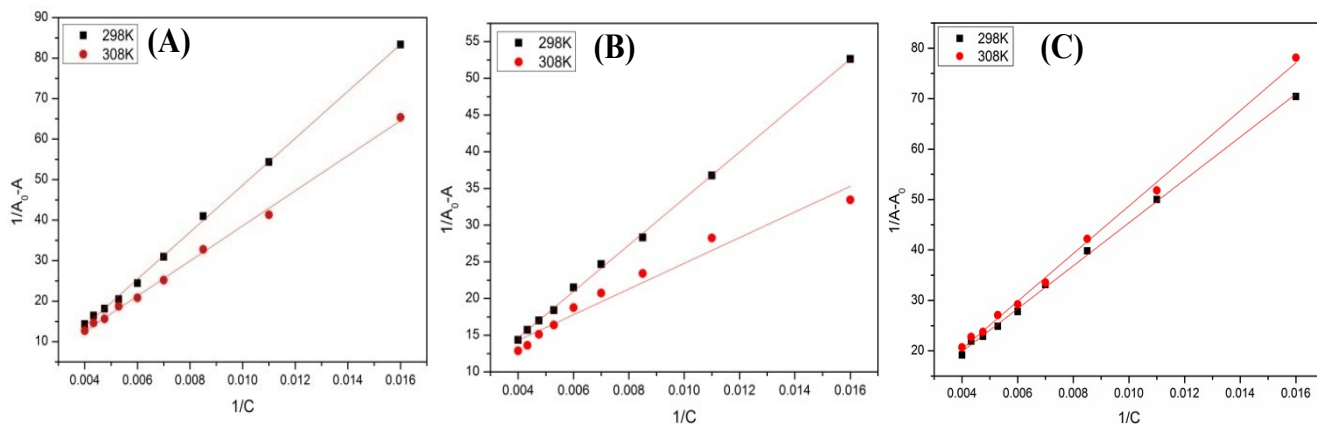
### Supplementary figures captions:

**Fig. S1** UV-Vis spectra of ctDNA (50  $\mu\text{M}$ ) in absence and in presence of ART (A), AA (B) and DHAA (C) at 298 K and pH 7.4.

**Fig. S2** Double reciprocal plot between  $1/A - A_0$  and  $1/C$  at low temperatures (298 and 308 K) for ART (A), AA (B) and DHAA (C).



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**Fig. S2** Double reciprocal plot between  $1/A - A_0$  and  $1/C$  at low temperatures (298 and 308 K) for ART (A), AA (B) and DHAA (C).