Supplementary data

A multifunctional molecular entity Cu^{II}-Sn^{IV} heterobimetallic complex as potential cancer chemotherapeutic agents: DNA binding/cleavage, SOD mimetic, topoisomerase Iα inhibitory and in vitro cytotoxic activities

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Figures.

**Figure S1.** EPR spectra of complex 1 and 3 in DMSO at LNT
Fig. S2. ESI MS spectrum for complex 3.

Fig. S3. ESI MS spectrum for complex 4.
**Fig. S4.** Absorption spectral traces of (A) complex 1 (B) complex 2 in 5% DMSO/ 5mM Tris HCl-50 mM NaCl buffer at pH 7.2 upon addition of CT DNA.

**Fig. S5.** Emission spectra of (A) complex 1 (B) complex 2 in the presence of DNA in 5 mM Tris–HCl/50mM NaCl buffer. Arrows show the intensity changes upon increasing concentration of the DNA.
Fig. S6. Emission spectra of EB bound to DNA in the absence and presence of (A) complex 1 and (B) complex 2 in 5 mM Tris–HCl/50 mM NaCl buffer. Arrows show the intensity changes upon increasing concentration of the complexes.