SUPPLEMENTARY INFORMATION

FIGURES

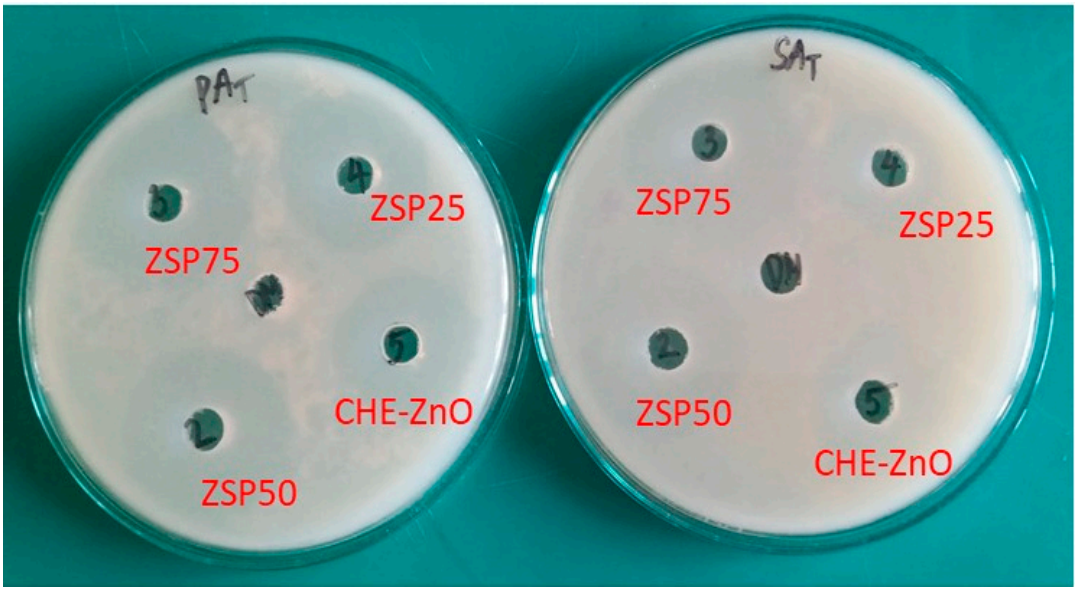


Figure S1. Antibacterial activity of CHE-ZnO, ZSP25, ZSP50 and ZSP75 sample against *P. aeruginosa* (PAT) and *S. aureus* (SAT)

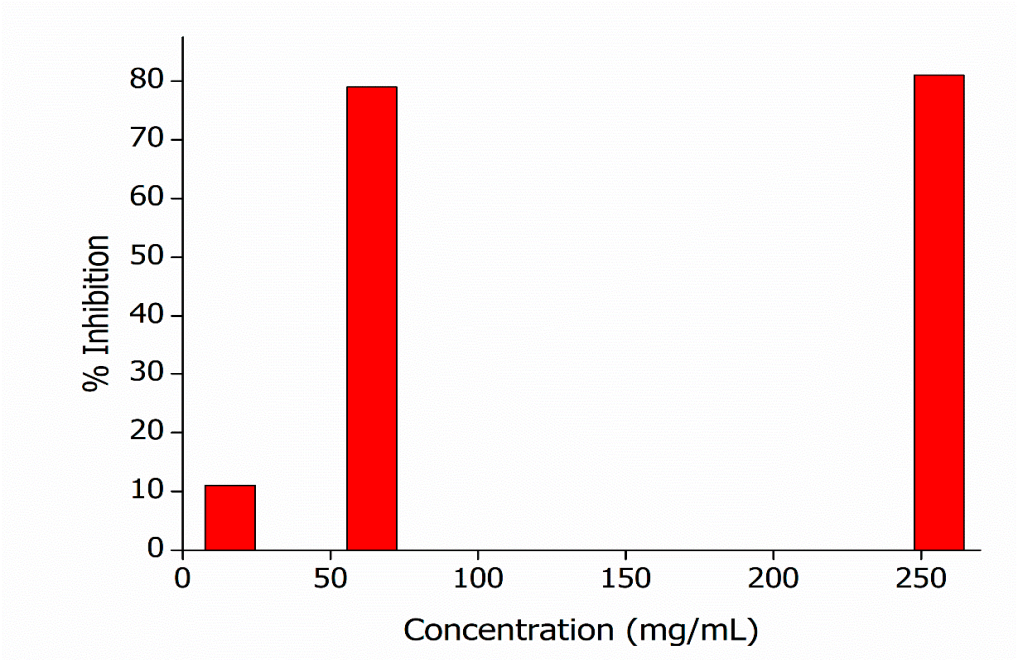


Figure S2. Anticancer activity of various concentrations of ZPS50 against KB

TABLES

Table S1. Antibacterial activity of synthesized ZnO NPs samples against *P. aeruginosa* and *S. aureus*

Bacterial strains	**Diameters of the zones of inhibition for the tested bacteria (mm)**							
	DMSO	**CHE-ZnO**	**ZPS25**	**ZPS50**	**ZPS75**	**ZSP25**	**ZSP50**	**ZSP75**
P. aeruginosa	0	25	31	**42**	37	28	31	33
S. aureus	0	22	35	**39**	36	24	30	32

Table S2. Cytotoxic activity against KB human cancer cell line of ZPS50

No.	Concentration (μg/mL)	Inhibition (%)
1	256	81
2	64	79
3	16	11
4	4	0
	IC_{50}	**43.53 ± 2.98**
Ellipticine	**IC_{50}**	**0.31±0.05**