Communication

SUPPLEMENTARY MATERIALS

Tin Mesoporphyrin selectively reduces the non-small-cell lung cancer cell line A549 proliferation by interfering with heme oxygenase and glutathione systems

Sorrenti V.[1], D'Amico A. G.[1,*], Barbagallo I.[1], Consoli V.[1], Grosso S.[1], Vanella L[1]

[1]Department of Drug and Health Sciences, University of Catania, Catania, Italy; e-mail@e-mail.com

*Correspondence: agata.damico@unict.it;

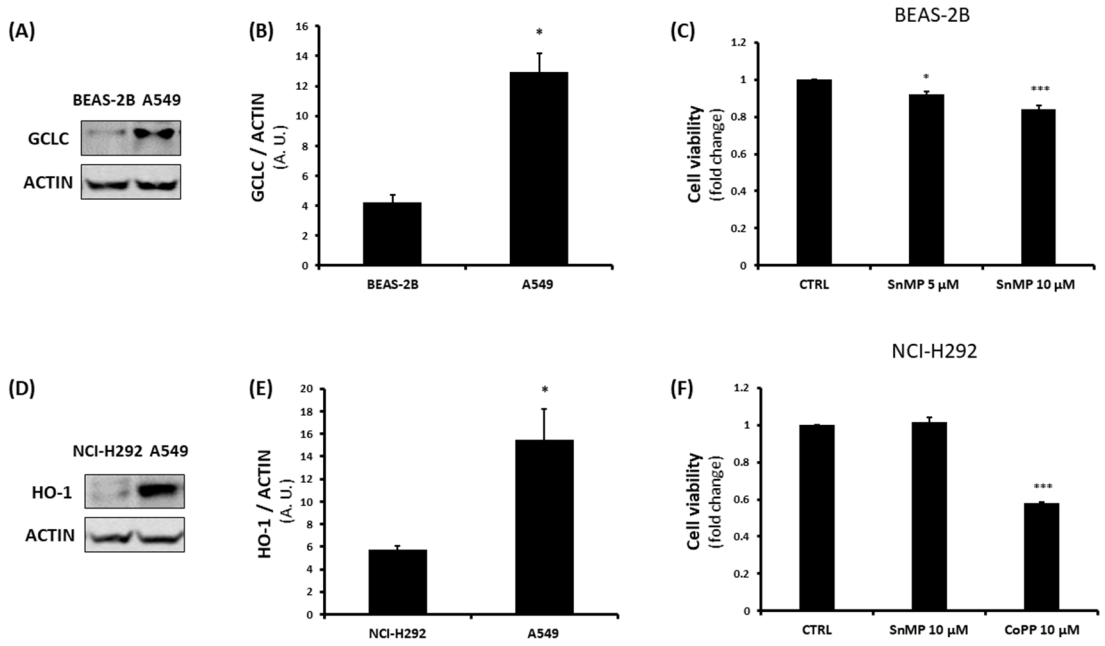

Figure S1. (**A,B**) Evaluation of GCLC basal levels on healthy human bronchial epithelial (BEAS-2B) and human lung adenocarcinoma (A549) cell lines ($^{*}p<0.05$ vs BEAS-2B). (**C**) Assessment of SnMP (5 µM, 10 µM) effect on BEAS-2B cell viability (*** p<0.001, $^{*}p<0.05$ vs CTRL). (**D,E**) HO-1 basal levels on human mucoepidermoid carcinoma (NCI-H292) and human lung adenocarcinoma (A549) cell lines ($^{*}p<0.05$ vs NCI-H292). (**F**) Effect of SnMP (10 µM) and CoPP (10 µM) on NCI-H292 cell viability (*** p<0.001 vs CTRL). Results are expressed as mean ± SEM.

Table S1. Primers Sequence

Gene	Primer Forward	Primer Reverse
GAPDH	AGACACCATGGGGAAGGTGA	TGGAATTTGCCATGGGTGGA
GCLC	ACTTCATTTCCCAGTACCTTAACA	CCGGCTTAGAAGCCCTTGAA
HO-1	AAGACTGCGTTCCTGCTCAAC	AAAGCCCTACAGCAACTGTCG