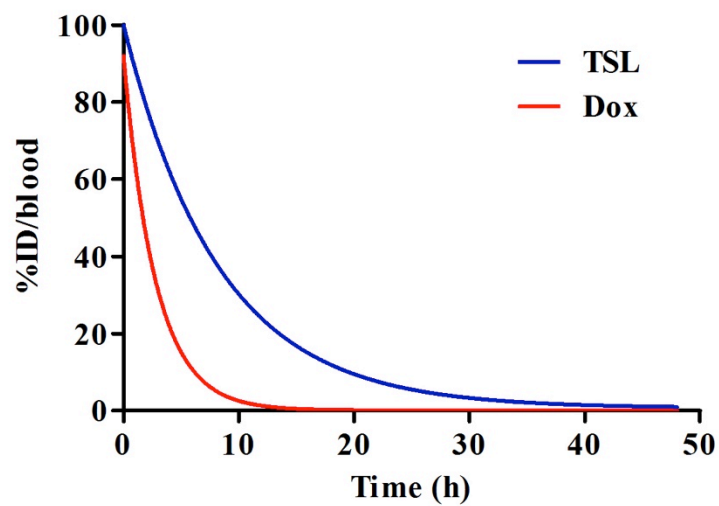
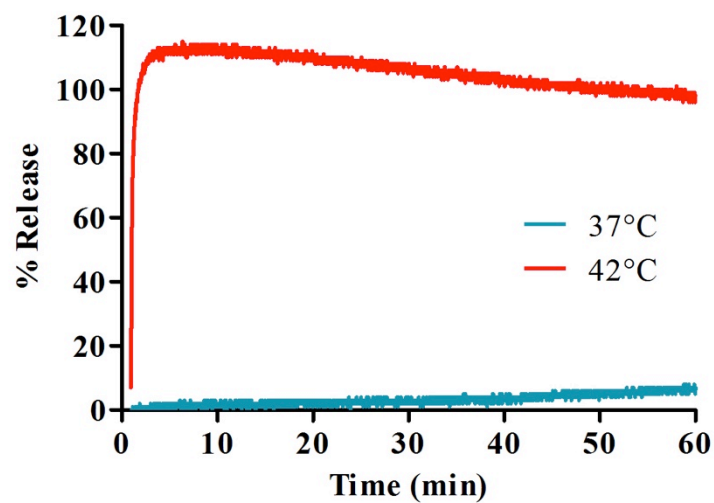


Supplemental Data

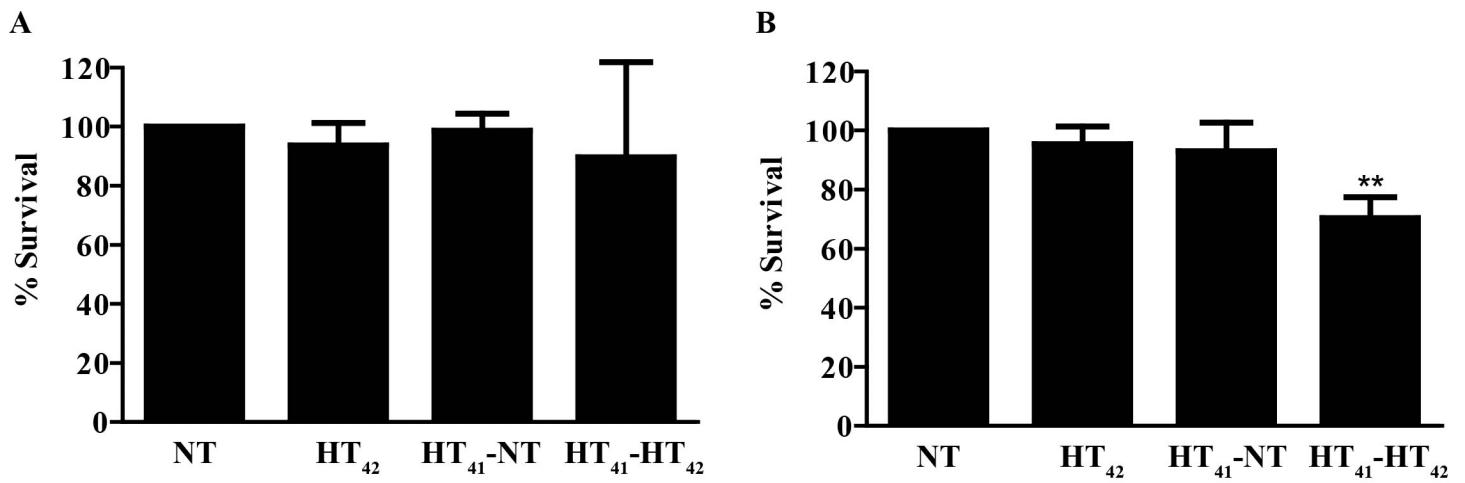


Supplemental Figure 1

Blood kinetics of TSL and Dox from injected TSL_{Dox} in C57BL6 mice. Figure is based on previously shown results by our group [39].

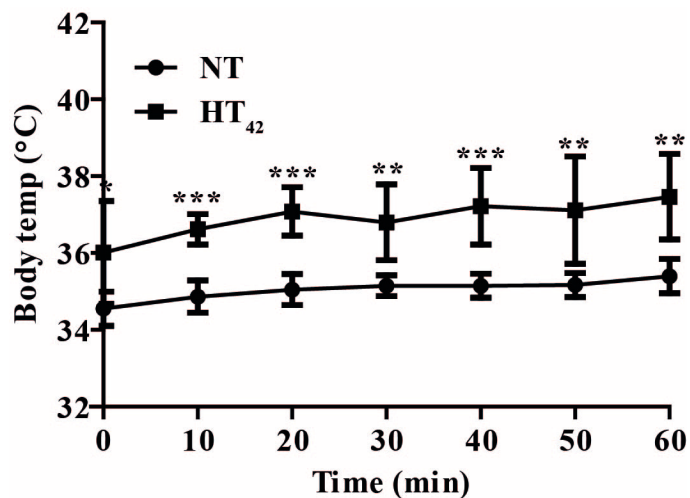
**Supplemental Figure 2**

Dox release from TSL at 37 °C and 42 °C in DMEM culture medium with 10% FBS and 1% Pen-Strep using fluorescence readout. Each curve represents an average of three measurements.



Supplemental Figure 3

Analysis on HT induced cytotoxicity on B16 (A) and BFS-1 cells (B) in the experimental groups of Figure 1. Survival of experimental groups is normalized versus the NT group. $n = 3$ per group and one-way ANOVA Bonferroni test was used for statistical analysis of the data. * = $p < 0.05$, ** = $p < 0.01$, *** = $p < 0.005$.



Supplemental Figure 4

Body temperature readings of mice under anesthesia, on a 37 °C heating plate, covered with tin foil (NT), or mice under anesthesia with the tumor bearing limb submerged in a 42.5 °C water bath (HT₄₂). n = 6 per group. Temperature readings were performed rectally with a probe thermometer every ten minutes. For every time point, statistical analysis was performed by unpaired two-tailed t-test. * = p < 0.05, ** = p < 0.01, *** = p < 0.005.