

▪ A549 cells

Human A549 cells were isolated from the lung of a patient with lung carcinoma.

▪ Tumour growth *in vivo*

The cells were collected from a tissue culture flask and injected subcutaneously in the right flank of SCID-CB17 mice. The resulting tumours were monitored by measuring two diameters with calipers, and extrapolating the volume to a sphere.

The mice bearing A549 tumours can be treated by intra-peritoneal, intra-venous, intra-tumoral or subcutaneous injection of the compounds. Per os administration is also possible.

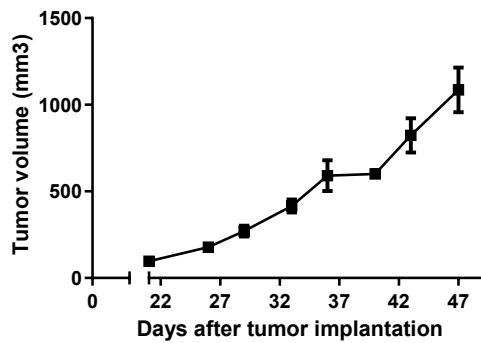


Figure 1: Tumour growth curve of the A549 cells as xenograft
Mean \pm SEM (n=3; take rate 100%)

▪ Standard-Of-Care Drug Responses

trastuzumab 25 mg/kg bw \rightarrow Response

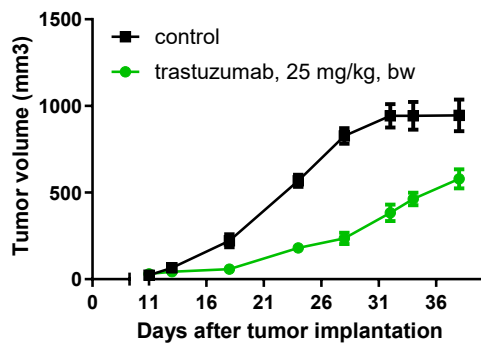


Figure 2: Effect of trastuzumab treatment on A549 tumour growth
Mean \pm SEM (n=6 per group; take rate 100%)