

Metastatic Head and Neck carcinoma tumour model – BICR-18

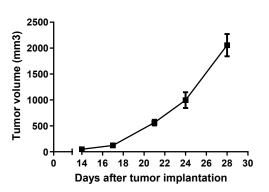
BICR 18 cells

Human BICR 18 cells were isolated from the lymph node of a patient with metastatic larynx H&N squamous cells 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.

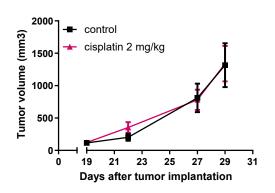
The mice bearing BICR 18 tumours can be treated by intra-peritoneal, intra-venous, intra-tumoral or subcutaneous injection of the compounds. Per os administration is also possible.



<u>Figure 1:</u> Tumour growth curve of the BICR 18 cells as xenograft Mean ± SEM (n=3; take rate 100%)

Standard-Of-Care Drug Reponses

cislaplatin 2 mg/kg qw → No response



<u>Figure 2:</u> Effect of cisplatin treatment on BICR 18 tumour growth Mean ± SEM (n=5 per group; take rate 100%)

