

### ■ A2058 cells

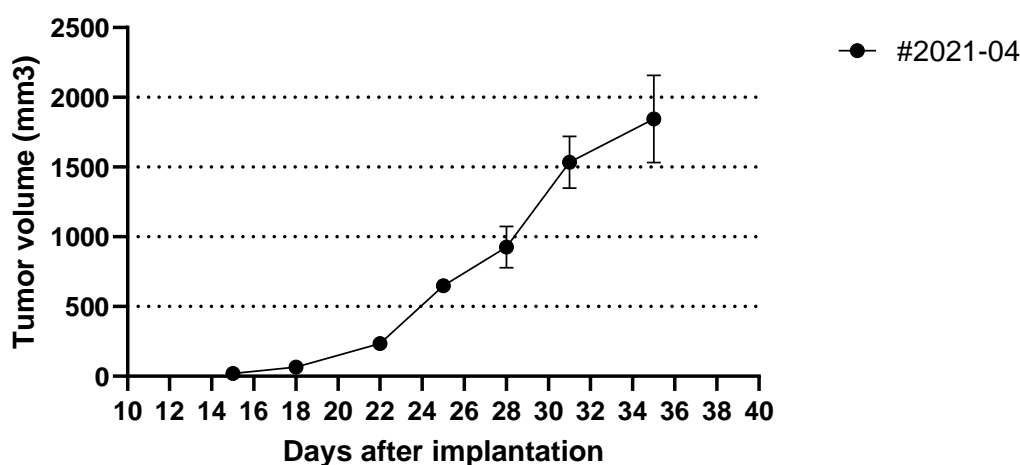
Human A2058 cells were isolated from an amelanotic melanoma.

The A2058 cell line is a human melanoma cell line derived from a brain metastasis of a patient with malignant melanoma. This cell line is widely used in cancer research due to its high metastatic potential, making it an important model for studying melanoma progression and the mechanisms underlying metastasis. A2058 cells are known to express nerve growth factor (NGF) receptors, which are linked to their aggressive and metastatic characteristics.

### ■ 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 A2058 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 A2058 WT cells as subcutaneous tumors, Mean  $\pm$  SEM (n=5)

\*Tumorigenesis datas are also available for Athymic Nude mice