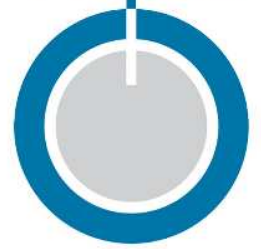


From basics to essentials
From diagnostics to in vivo-research



Contract Research – Tumor Modelling

Mouse based tumor modelling



Choice of appropriate cell model

In close contact with our customers we help select appropriate cell lines and mouse models and take care of the model set-up with necessary controls.

Cell culture

We care about culturing the selected cell lines.

Subcutaneous transplantation

We are skilled in use of different mouse models including NOD/SCID, SCID or NUDE mice. Cells are transplanted subcutaneously at two sites in each mouse.

Application of substance(s)

We apply test substances in accordance with our customer's needs/model and additionally apply suitable control substances.

Monitoring of tumor growth

Tumor growth is monitored in accordance with our model setup.

Necropsy

Animals are sacrificed after a given time point or when tumor size or physical condition of the animals breaches given criteria.



Macroscopic analysis of animals

Possible macro-metastases are detected, macroscopic changes are documented.

Histological analysis of organs

Possible micro-metastases and pathology of H/E stained sections are documented.

Final report

A final report is prepared including model set-up, application scheme, tumor growth curves, macroscopic documentation and histological analysis of all groups.

ISO 9001 Certified, GLP Accredited