

From basics to essentials
From diagnostics to in-vivo research

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Contract Research – tumor modelling

Mouse based tumor modelling



Choice of appropriate cell model

In close contact to our customers we help choosing the appropriate cell line(s) and mouse models and take care of the model setup including all necessary controls.

Cell culture

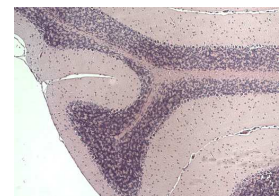
We care about cultivating the chosen cell lines.

Subcutaneous transplantation

We are skilled in using different mouse models including NOD/SCID, SCID or NUDE mice to transplant cells subcutaneously at two sites of each mouse.

Application of substance(s)

We apply test substances according to our customers choice/model setup and additionally take care of applying the suitable control substances.



Monitoring of tumor growth

Tumor growth is monitored according to our model setup.

Necropsy

Animals are sacrificed after a given time point, tumor size or physical condition of animals.

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 setup, application scheme, tumor growth curves, macroscopic documentation and histological analysis of all groups.

CONTACT

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