

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)

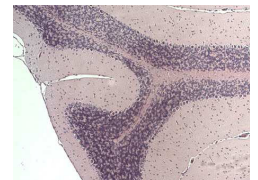
We apply test substances in accordance with our customer's needs/model and additionally apply suitable control substances.

#### 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