

From basics to essentials
From diagnostics to in vivo-research

Contract research

Our contract research department offers custom-made in vivo research on our laboratory animals. We conduct a wide variety of reproducible and comprehensible preclinical studies in appropriate animal models (mouse, rat, guinea pig, gerbil, rabbit, pig) according to your individual needs. Animal welfare is the idea behind all of the studies. Dogs and cats are not used for ethical reasons.

Toxicological studies

After official inspection mfd diagnostics can now offer toxicological studies following the guidelines of good laboratory praxis (GLP). We test the in vivo toxicity of substances, drugs, active ingredients by defining the acute toxicity in mice and rats.

Pharmacological studies

- pharmacokinetics
- several application routes (including p.o., i.v., i.m., s.c.)
- transdermal tests in pigs

Medical devices testing

(including histology/Xray or clinical chemistry)

Therapeutical studies

Tumor models

We provide tailor-made tumor models covering model setup, cell culture, xenografts and evaluation (see separate fact sheet: tumor modelling).

Phenotyping of transgenic (knock-out) models

- histology service for paraffin or cryo conserved tissues
- immunohistochemistry (fluorescence / dab)
- reports including pictures
- LacZ staining / GFP visualisation
- archiving of histological samples (following RITA guides where desired)

Banking and archiving of biological material and data according to international standards

