



In-Vivo Services

Pharmacelsus provides tailored testing services for biologics, with high expertise in regulatory and technical requirements. We offer *in-vivo* services to accelerate your drug development.

Flexibility in study design and meeting demanding time lines is our strength. PK, PD or TK studies in rodents are performed in-house. *In-vivo* studies of additional preclinical species are available in cooperation with our cooperation partners.



In-Vivo Services

In-Vivo PK (Pharmacokinetic) Studies

- Rodents and Further Preclinical Species
- Broad range of Application Routes and Sampling Methods

In-Vivo PD (Pharmacodynamic) Studies

- Liver and Kidney Fibrosis
- Nonalcoholic Steatohepatitis (NaSh)
- Diabetes
- Tumor Xenograft Models
- Wound Healing

In-Vivo TK (Toxicokinetic) Studies

- Acute, Chronic and Subacute (DrF/mTD)

Tests for Immunotoxicity in Conjunction with PK Studies

Checking for Immunosuppression and Immunogenicity:

- Immune Phenotyping of Treated animals
- Quantification of Cytokine Levels
- Histamine release
- Monitoring Macrophage Activity
- Checking for Infusion reaction

Metabolite Identification in Conjunction with PK-Studies

- Identification of Newly Formed Metabolites in Blood, Plasma, Urine, Faeces, Tissues
- Structural Elucidation of Metabolic Modification