



Facility Management and Support Services

InnoSer provides fully equipped room rental accompanied with administrative, technical, and scientific support. We provide veterinary and IACUC support within our tailored in vivo preclinical studies offered through shared or private facility options.

Contract Breeding

Colony management services ensure your small rodent colonies are maintained or expanded under reliable and transparent conditions that meet SPF and SOPF standards and animal welfare guidelines. We handle the calculations of your study design and take full control of the preparation and follow through of breeding the correct numbers needed for your research.

Genetically Altered Models

Cryopreservation and rederivation services protect your mouse lines, reduce the number of animals needed to maintain a breeding colony and keep their microbiological statuses under control.

In Vivo Studies

Customized **preclinical research** offerings including safety testing, PK/PD/ADME studies and therapeutic efficacy testing services. These services are coupled with options to rent our facilities to conduct your studies in optimal technical conditions and with the support of our trained personnel.

In Vivo Disease Models

- ADPKD
- PDX, syngeneic, orthotopic tumor models
- Heart failure (Ang II, MI, TAC)
- NASH model
- Duchenne muscular dystrophy
- AD mouse models
- Immunization studies

Technical Support

Our AAALAC accredited facilities in Diepenbeek (BE) and Leiden (NL) offer several technical capabilities. The options available at our Diepenbeek facility include:

- Stereotactic injections in the brain
- Implantation of tumors (subcutaneous or orthotopic)
- Dosing of compounds (IP, IV, SC, IM, PO and intra-articular)
- Bleeding (mandibular, retro-orbital, heart puncture, tail vein)
- Necropsy
- Myocardial infarction (LAD ligation)
- Transverse aortic constriction
- Blood and organ dissections
- Cell implantations
- Customized surgical techniques

Readout Options

Bioluminescent and fluorescent imaging (Lumina III):

Particularly valuable for repeated assessments of disease development and dissemination, as well as treatment efficacy. Offers non-invasive and real-time visualizations and quantifications of the bioluminescent or fluorescent markers in vivo. Allows longitudinal cell tracking and biodistribution analysis.

Ultrasound imaging (Vevo 3100): Non-invasive analyses of volumetrics, vascularization, heart function and perfusion. Offers compound efficacy assessments at intermediary stages of disease progression.

Pathology: Assessments of the histopathology, cytopathology and molecular pathology of your samples can be done by experts in the field utilizing a validated set of (immuno-)stainings. We offer a workflow with flexible entry and exit points from necropsy and macroscopy to slide scanning, digital or physical archiving, and final reporting.

Get in touch

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