

# Animal Studies for ADC

## Emerging Needs for Animal Studies

Pharmacological studies in various animal models play a crucial role in early-stage **ADC development**, and afford predictions of therapeutic and safety parameters for subsequent human trials.

However, these studies usually involve the compliance of sophisticated regulations and can only be conducted by certified institutes, which could be an impediment for smaller companies. Oftentimes, drug candidates with promising results from **in vitro** and cell-based experiments suffer from unexpected failure in animal models. Thus, for early-stage drug development, it is always advisable to “fail fast and fail cheap”.

## Animal Studies Can Be Affordable

At **Creative Biolabs**, we are devoted to offer low-cost animal models for pre-clinical drug development. Together with our partner labs, we provide animal studies to conduct preliminary evaluation of ADMET properties and biological efficacy of drug candidates. The tentative nature of our services intends to offer budget options especially for researchers from startup companies and research institutes where cost is often the primary concern. Customers choosing our services can usually experience a saving of up to 50%.

## Our Capability

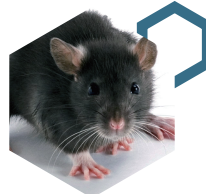
We are specialized in exploratory non-GLP animal studies in toxicity, and pharmacokinetics and drug efficacy (Figure 1) using a wide range of animal models including



Farm animals  
(swine, sheep, goat)



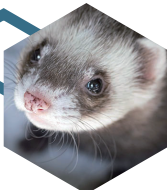
Dogs



Rodents



Non-human  
primates



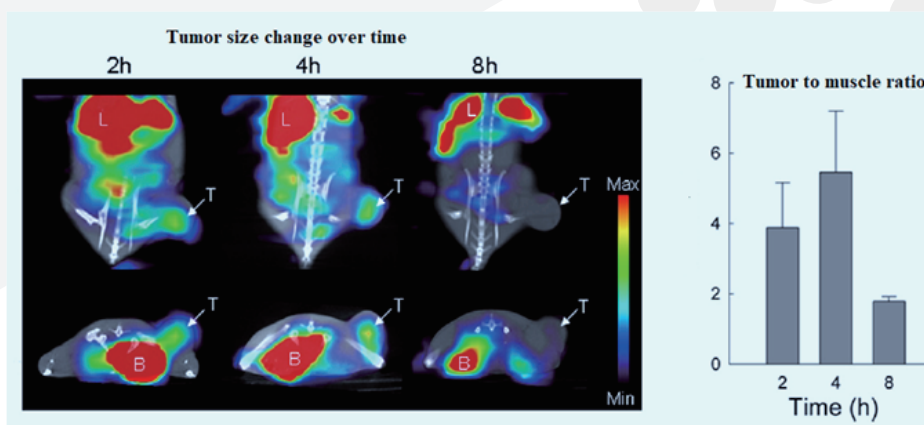
Ferrets



Rabbits



Our expertise includes infectious diseases, oncology, dermatology, inflammation, autoimmunity and metabolic disorders. All service packages include a detailed experimental record and a data analysis report written by our seasoned scientists, to bring you maximum confidence in future GLP-level experiments and human studies.



**Figure 1.**

**Evaluation of a novel anticancer agent in mice: MicroSPECT/CT imaging of tumor-bearing mice (left); tumor to muscle ratio calculated from MicroSPECT/CT imaging (right).**

Your study depends on getting the right services exactly when you need them, without delays or interruptions, and more importantly, at the right price. Rely on our well-established global network and advanced facilities, your demands will always be fulfilled in a timely manner. With a large breadth of collaboration with research institutes and commercial suppliers, our services are ready to get started as soon as you are.

## Featured Cancer Cells Lines for Xenograft Models

Cell lines	Species	Cancer type
HeLa	<i>Homo sapiens</i>	Cervix adenocarcinoma
MCF-7	<i>Homo sapiens</i>	Breast adenocarcinoma
U87MG	<i>Homo sapiens</i>	Glioblastoma-astrocytoma
HT-29	<i>Homo sapiens</i>	Colon adenocarcinoma
A549	<i>Homo sapiens</i>	Lung carcinoma
HEP-G2	<i>Homo sapiens</i>	Hepatocellular carcinoma
K-562	<i>Homo sapiens</i>	Chronic myeloid leukaemia
PC3	<i>Homo sapiens</i>	Prostate adenocarcinoma
A375	<i>Homo sapiens</i>	Malignant melanoma