

In Vivo Pharmacology



Our animal facility is accredited by AAALAC and CPCSEA (India) for ethical treatment of animals. All the animal experiments are conducted in accordance with IAEC approved protocols. Animal experiments are conducted in quality animals from Taconic & Charles River facilities which are stationed in Hyderabad, India

Aragen rodent facility is also certified by OHSAS for strictly following all recommended rules for health and safety of our employees.

Oncology Models

- Xenograft: Breast, ovarian, colon, melanoma, multiple myeloma, lung etc.
- Syngeneic: Melanoma, breast, colon etc.

Fibrosis Models

- Bleomycin induced IPF
- CCl₄ (Carbon Tetrachloride) induced liver fibrosis
- NASH (Non Aalcoholic Steato Hepatitis)
- UUO (Unilateral Ureteral Obstruction)

Pain Models

- Neuropathic (CCI, Chung, STZ and Paclitaxel)
- Brennan model
- Inflammatory (CFA & Carrageenan & MIA induced mechanical allodynia or thermal hyperalgesia)

Inflammation Models

- Psoriasis (Imiquimod, IL-23 induced)
- Delayed type hypersensitivity (oxazolone)
- MOG (Myelin Oligodendrocyte Glycoprotein) induced EAE (Experimental Autoimmune Encephalomyelitis)
- DSS (Dextran Sulphate Sodium) induced colitis
- Inflammatory cytokines from plasma and tissues

Cardiovascular & Metabolic Diseases Models

- DIO (Diet Induced Obesity) in mice
- Dyslipidemia model
- OGTT, ipGTT, ivGTT in mice and rats
- Ghrelinemia model
- CKD (Chronic Kidney Disease)
- Monocrotaline-induced PAH (Pulmonary Arterial Hypertension)
- Bleeding Time Model in rats

PK-PD & Toxicity Studies

- Oral, IV, IP, SC administration
- PK & MTD studies in tumor bearing mice
- MTD and repeat dose toxicity studies in rodents (Non-GLP)

Let's begin the
Conversation

E: bd@aragen.com

W: aragen.com

[in /company/aragen-life-sciences](https://www.linkedin.com/company/aragen-life-sciences)

[f /AragenLifeSciences](https://www.facebook.com/AragenLifeSciences)

