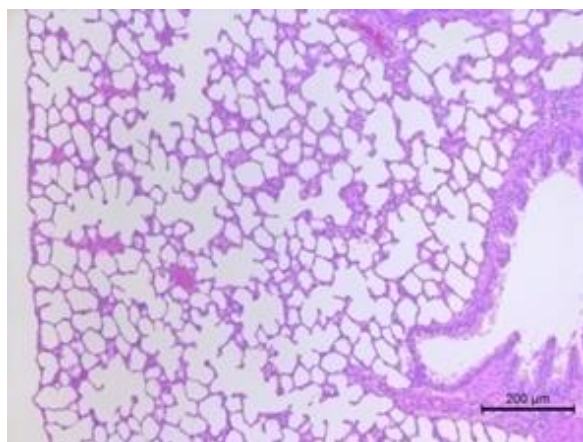


Therapeutic Areas: Anti-Infection and Fever

We offer comprehensive non-clinical evaluation of anti-infective drugs using animal models for bacterial and viral infections. Our platform includes in vivo efficacy and safety testing, as well as in vitro assays for diverse viral subtypes and bacterial pathogens, supporting development of antivirals, antibiotics, and fever-reducing agents.



Clinical drug-resistant bacteria infection model

Pulmonary organs of the drug treated group: normal bronchial structures at all levels in the lungs, no dilatation or narrowing of the alveolar lumen and no inflammatory cells were seen. The interstitial vessels were not dilated or narrowed, and no inflammatory cell infiltration was seen.

Disease Type	Animal Model / Study
Viral Infection	Influenza virus
	Adenovirus
	Syncytial virus
	Sendai virus
	Herpes virus
	Rotavirus

	Hand-foot-and-mouth virus
	Model of HPV-11-induced condyloma acuminata
	Model of HSV-1-induced skin herpes simplex
	Model of HSV-2-induced herpes simplex vaginitis
Bacterial Infection	Mycobacterium tuberculosis
	Klebsiella pneumoniae
	Escherichia coli
	Pseudomonas aeruginosa
	Haemophilus influenza
Fever and Sweat	Model of endotoxin-induced fever
	Model of diplococcus pneumoniae-induced fever
	Model of parainfluenza virus-induced fever
	Model of dry yeast-induced fever
	Normal animal sweat test

Research Projects Accomplished

We have completed more than 30 anti-infection drug evaluations and established a bacterial bank with more than 100 clinical strains;

20 clinical approvals have been granted.

Access to BSL-2 / ABSL-2 Facilities

To support non-clinical research involving infectious pathogens, HiLand operates more than 800 square meters of Biosafety Level-2 (BSL-2) laboratory facilities. These include standard BSL-2 laboratories, enhanced BSL-2 suites, and Animal Biosafety Level-2 (ABSL-2) laboratories. All laboratories are designed and managed in compliance with international biosafety guidelines and regulatory standards, ensuring safe handling of infectious agents, strict protection of personnel, and prevention of environmental contamination.



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