

Respiratory system diseases

disease name	model name	animal species
acute lung injury	Acute lung injury model induced by lipopolysaccharide (LPS)	mouse, rat, rabbit
	Acute lung injury model induced by bleomycin (BLM)	mouse, rat
cough	Citric acid+histamine induced cough model in guinea pigs	guinea pig
	ATP+citric acid induced cough model in guinea pigs	guinea pig
Chronic obstructive pulmonary disease	Smoking+LPS induced COPD	mouse, hamster
Idiopathic pulmonary fibrosis	Single dose bleomycin (BLM) induced unilateral idiopathic pulmonary fibrosis model	rat
	Bilateral idiopathic pulmonary fibrosis model induced by single dose bleomycin (BLM)	mouse, rat
	Unilateral idiopathic pulmonary fibrosis model induced by multiple doses of bleomycin (BLM)	rat
	Bilateral idiopathic pulmonary fibrosis model induced by multiple doses of bleomycin (BLM)	rat
Acute/chronic asthma	Acute asthma model induced by ovalbumin (OVA)	mouse
	Chronic asthma model induced by ovalbumin (OVA)	mouse
	Acute asthma model induced by dust mites and LPS	mouse
	Acute asthma model induced by scabies mites	mouse
silicosis	Silicon dioxide induced silicosis model	mouse, rat
Nodular pulmonary disease	Carbon nanoparticle induced nodular lung disease model	rat
Bronchiectasis	Pseudomonas aeruginosa induced bronchiectasis model	mouse
	COPD combined with bronchiectasis model	mouse, hamster