

Cardiovascular and cerebrovascular diseases

disease name	model name	animal species
stroke	Permanent ischemic stroke model	mouse, rat, dog, Non-human primates
	Ischemic reperfusion stroke model	mouse, rat, Non-human primates
	Photochemical induced ischemic stroke model	mouse, rat
	ET-1 induced cerebral ischemia model	rat
	Collagenase induced hemorrhagic stroke model	rat, dog
	Sodium Laurate Induced Brain Microvascular Injury Model	rat
acute myocardial infarction	Acute ischemia-reperfusion myocardial infarction model	mouse, rat, rabbit, dog, pig, Non-human primates
	Acute permanent ischemic myocardial infarction model	mouse, rat, rabbit, dog, pig, Non-human primates
heart failure	Heart Failure Model Induced by Myocardial Infarction	mouse, rat, rabbit, dog, pig, Non-human primates
	Heart failure model induced by ascending aortic constriction	mouse
	Heart failure model induced by aortic arch constriction	mouse, rat
	Hypertension and heart failure model induced by abdominal aortic constriction	rat, rabbit, dog, Non-human primates
	Heart failure model induced by pulmonary artery constriction	rat
	Acetic deoxycorticosterone (DOCA)+high salt induced hypertension induced heart failure model	rat
	Dahl salt sensitive rats+high salt induced hypertension induced heart failure model	rat
	Renal artery stenosis induced hypertensive heart failure model	rat, dog, Non-human primates
	High fat diet induced heart failure model	mouse, hamster
	Doxorubicin induced heart failure model	rat, rabbit, dog
	Heart failure model induced by reduced ejection fraction in db/db mice fed with high-fat and high cholesterol diet	mouse
Atherosclerosis	Apoe -/- mice+western diet induced atherosclerosis model	mouse
	Atherosclerosis model induced by high fat and cholesterol diet	rabbit, Non-human primates
coronary heart disease	Coronary atherosclerotic heart disease model induced by high-fat and high cholesterol diet	rabbit, Non-human primates
hypertension	Acetic deoxycorticosterone (DOCA)+high salt induced	rat

	hypertension model	
	Dahl salt sensitive rats+high salt induced hypertension model	rat
	Hypertension model induced by renal artery constriction	rat, dog, Non-human primates
	Hypertension model induced by abdominal aortic constriction	rat, rabbit, dog, Non-human primates
	SHR spontaneous hypertension model in rats	rat
	A high-fat diet induced obesity induced hypertension model in dogs	mouse, dog
	L-NAME induced hypertension model	rat
pulmonary arterial hypertension	Pulmonary arterial hypertension model induced by monocrotaline (MCT)	rat, rabbit
	SU5416+hypoxia induced pulmonary arterial hypertension model	mouse, rat
deep vein thrombosis	A model of inferior vena cava thrombosis caused by transient blood flow occlusion	rabbit
	Thrombin induced inferior vena cava thrombosis model	rabbit
arterial thrombosis	Model of arterial thrombosis induced by ferric chloride	rat, rabbit
	Arteriovenous fistula thrombus model	rabbit, cat
Peripheral vascular disease	A model of peripheral vascular disease in lower limbs induced by femoral artery ligation	rat, rabbit
	Sodium Laurate Induced Vasculitis Model	rat, rabbit
	Sodium Laurate Induced Lower Limb Gangrene Model	rat, rabbit
atrial fibrillation	Pacemaker induced atrial fibrillation	dog
	Acetylcholine induced atrial fibrillation	dog
Ventricular tachycardia	Barium chloride induced ventricular tachycardia	rat, rabbit
	Adrenaline induced ventricular tachycardia	rat, rabbit
Disseminated intravascular coagulation	LPS induced disseminated intravascular coagulation (DIC) model	rat
pericarditis	Yeast polysaccharide A (ZIA) induced pericarditis model	rat
myocarditis	Doxorubicin induced chronic myocarditis model	rat, rabbit, dog
	Myosin induced immune myocarditis model	mouse
	Coxsackievirus induced myocarditis model	mouse