

## Cardiovascular disorders: List of validated models

Disease	Animal model	Test Species
<b>Arterial thrombosis</b>	FeCl <sub>3</sub> induced rat model of arterial thrombosis	Rat
<b>Atherosclerosis</b>	<i>LDLr</i> KO mice and <i>ApoE</i> KO mice	Mice
<b>Cardiomyopathy</b>	<i>ZDF</i> , High fat diet and STZ and <i>db/db</i> mice	Rat, Mice
<b>Dyslipidemia</b>	High fat diet induced dyslipidemia	Guinea pig and Hamster
<b>Hypertension</b>	DOCA salt induced Hypertension	Rat, Mice
<b>Myocardial Infarction (MI)</b>	Isoproterenol induced acute myocardial infarction	Rat
	Left anterior descending artery (LAD) ligation induced MI	Rat
<b>Portal hypertension</b>	Bile duct ligation (BDL) induced portal hypertension	Rat
	Carbon tetrachloride (CCL <sub>4</sub> ) induced portal hypertension	Rat
<b>Venous diseases</b>	Critical limb ischemia	Mice
<b>Validated techniques</b>	Carotid artery and Jugular vein cannulation	Rat
	Electrocardiogram (ECG)	Rat, Mice
	Femoral artery ligation	Rat
	Hemodynamic parameters by Miller probe	Rat
	Invasive blood pressure (IBP) recording by pressure transducer	Rat
	Isolated Heart experiment - Langendorff apparatus	Rat, Rabbits
	LAD Coronary artery ligation and reperfusion	Rat
	Non-Invasive Blood Pressure (NIBP)	Rat, Mice
Renal artery ligation	Rat	

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