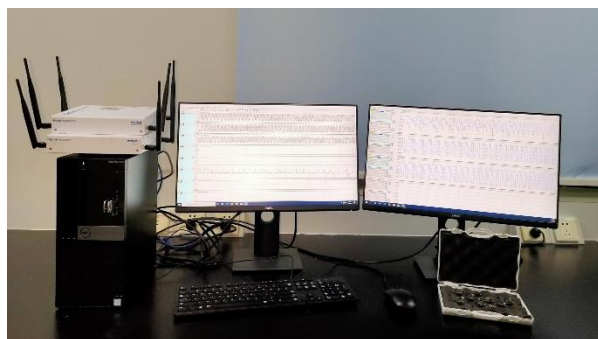


Therapeutic Areas: Nervous System Disease Models

We develop animal models to investigate neurological disorders involving cognition, learning, memory, and motor function. Neurobehavioral assessments support drug discovery for conditions like Alzheimer's, Parkinson's, epilepsy, and neurodevelopmental diseases.

Disease Type	Animal Model / Study
Pain	Formaldehyde-induced pain model
	Model of kaolin plus carrageenan-induced toe pain after inflammation
	Model of glacial acetic acid-induced writhing pain
	Electrical stimulation / hot plate method/tail-flick method/cold stimulation tests
Dementia	Model of A β 25-35 plus D-galactose-induced Alzheimer's disease
	Model of bilateral common carotid arteries occlusion-induced vascular dementia
Stroke	Bilateral common carotid arteries occlusion model
	Model of thread embolism-induced middle cerebral artery occlusion
Insomnia	Model of PCPA-induced insomnia
	Model of tail pinch plus PCPA-induced liver depression type insomnia

	Model of picrotoxin injection in locus coeruleus-induced insomnia
Convulsion	Pentetrazol-induced convulsion model
	Picrotoxin-induced convulsion model
	Febrile convulsion model
Depression	Model of forced swimming or tail suspension-induced acute stress depression
	Model of electric shock shuttle box-induced depression
	5-hydroxy tryptamine enhancement model



Electroencephalographic Telemetry System



Patchliner® Automated Planar Patch-Clamp System



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