Integrative Neuroscience Facility

Phenotyping services for the neuroscience research community

The Integrative Neuroscience Facility has been established to provide neuroscience researchers with access to a state-of-the-art animal phenotyping capability. Services are available to investigators who lack expertise in this area of neurobiology but need to evaluate the efficacy and impact of new molecules on whole animal function, or to determine the effects of particular manipulations on the animal model they have created.

Phenotyping services offered by the Integrative Neuroscience Facility

	Species			Disorder/condition						
Service	Mouse	Rat	Primary behaviour screen	Memory & learning	Anxiety	Motor ability	Addiction & craving	Psychosis	Parkinson's Disease	Epilepsy
6-OHDA Model	•	•							■	
Active avoidance		•		■						
Barnes maze	•	•		■						
Beam walking	•	•				■				
Conditioned place preference	•	•					■			
Drug discrimination	•	•					■			
EEG	•									■
Elevated plus maze	•	•			■			■		
Footprint	•	•				■				
Forced swim	•	•			■					
Hot Plate	•	•	■							
Light Dark	•	•	■							
Locomotor	•	•	■			■		■		
Marble burying	•		■							
Mesh walking	•	•				■				
Morris water maze	•	•		■						
Open Field	•	•	■		■	■				
Operant self-administration	•	•					■			
Passive avoidance		•		■						
Pre Pulse Inhibition	•	•	■					■		
PTZ Seizure	•									■
Radial arm maze		•		■						
Rotarod	•	•	■			■			■	
Social interaction	•	•			■			■		
Tail Suspension	•		■		■					
T-maze	•	•		■				■		
Two-bottle free choice preference	•	•					■			
Withdrawal anxiety	•	•					■			
Y-maze	•	•	■					■		

Services offered by the INF include histology, morphological phenotyping and immunohistochemistry.

Contact us for a quote for your next grant application.

Integrative Neuroscience Facility

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NNF NATIONAL NEUROSCIENCE FACILITY

HOWARD FLOREY INSTITUTE

MENTAL HEALTH Research Institute