



UAB Behavioral Assessment Core Neuroscience Core

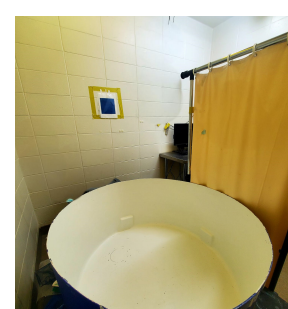
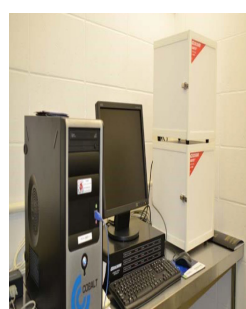


Inssaf Berkiks, Powell Craig

Purpose :

The UAB Behavioral Core is here to support researchers in studying animal behavior with precision and reliability. We offer a variety of tests to explore cognitive, emotional, social, and motor functions, using advanced tools like EthoVision for automated tracking and analysis.

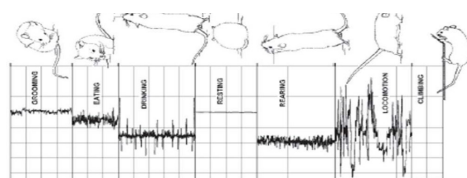
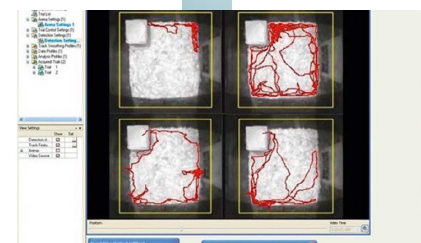
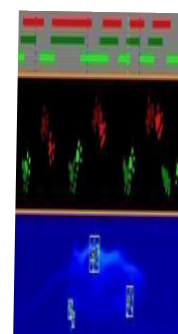
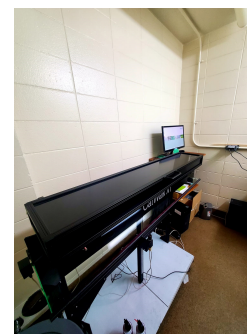
Our team works closely with you to design experiments, run tests, and analyze data, making the process efficient and tailored to your research needs. Whether you're studying brain function, testing treatments, or exploring new ideas, we're here to help you achieve your goals with high-quality results.



Acoustic Startle

Porsolt test

Water Maze



FMT Test

Catwalk Test

Activity PhenoType

Laboras System

Services Provided:

Cognitive Behavioral Tests:
Memory, attention, and learning assessments.

Emotional Behavioral Tests:
Anxiety, depression, and stress modeling.

Social Interaction Tests:
Novel and reciprocal social interactions.

Motor Function Tests:
Gait analysis, locomotion, and balance.

Advanced Data Analysis: Using EthoVision for precise behavioral tracking.

Methods

Experiment Design:
Collaborating with researchers to customize protocols for specific objectives.

Behavioral Testing: Employing cutting-edge tools and methodologies to obtain reliable data.

Data Analysis: Comprehensive analysis of behavioral outcomes using automated systems and statistical tools.

Results

We have supported numerous projects across neuroscience, psychology, and pharmacology, contributing to groundbreaking discoveries. Key outcomes include:

Identification of novel therapeutic targets for neurological disorders.

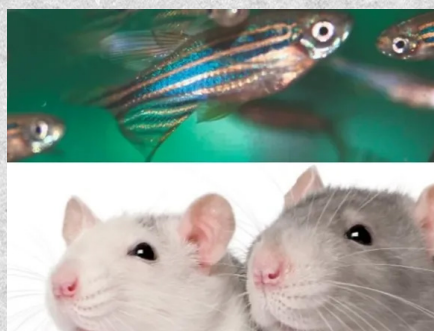
Insights into the role of genetics and environment in behavior.

Development of robust behavioral phenotyping protocols.

Contact Information

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2 Buildings:
RSB: 11 Rooms
ZRB : 14 Rooms

