Registered study in AnimalStudyRegistry.org
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Big Mouse Data

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Summary

Conventional, cognitive tests designed to measure animal intelligence have often been developed based on an anthropocentric view. In this study, a test procedure will be developed that is based on natural behavioral patterns of mice. The mice will be kept in a large group in a semi naturalistic environment. A distinctive enrichment of the housing environment should promote the expression of the natural behavior. The housing system shall allow comprehensive behavioral observations. The recording of video, audio and RFID based movement data is planned. Through this large data set, recurring behavior patterns should be detected. These will be systematically reinforced after the observation phase and combined into a behavioral test that reflects the cognitive abilities of the mice. The performance in this developed test will finally be correlated with the results obtained by the animals in conventional cognitive tests.

Registration details	
Status of the study	Registered
Date of registration	2024-11-27
Notified date of accessibility	2029-11-13
DOI	10.17590/asr.0000372
Planned start of the study	2024-07-03
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