

ErasmusLadder

Monitoramento de performance e aprendizado motor em camundongo



The ErasmusLadder is an automated system for testing laboratory mice for cerebellar deficits. It accurately measures and analyzes motor behaviors at different time points, allowing you to separate control and affected mice on basis of motor learning and motor performance abilities. It can also induce a cerebellar reflex during the test to specifically challenge that part of the brain.

The ErasmusLadder has been successfully used not only to test specific cerebellar mutants, but also in uncovering behavioral phenotypes in disorders with a cerebellar component, such as autism and Alzheimer's. Several labs have already employed the ErasmusLadder to find that motor performance and learning deficits are present in many models of neurological diseases. For us at Noldus it is exciting to work alongside researchers in these developments!

Contate-nos que teremos prazer em lhe passar maiores informações!