

# QAIRES



Artificially Intelligent  
Animal Observation System



AI Used to Monitor Animals with  
Unprecedented Accuracy



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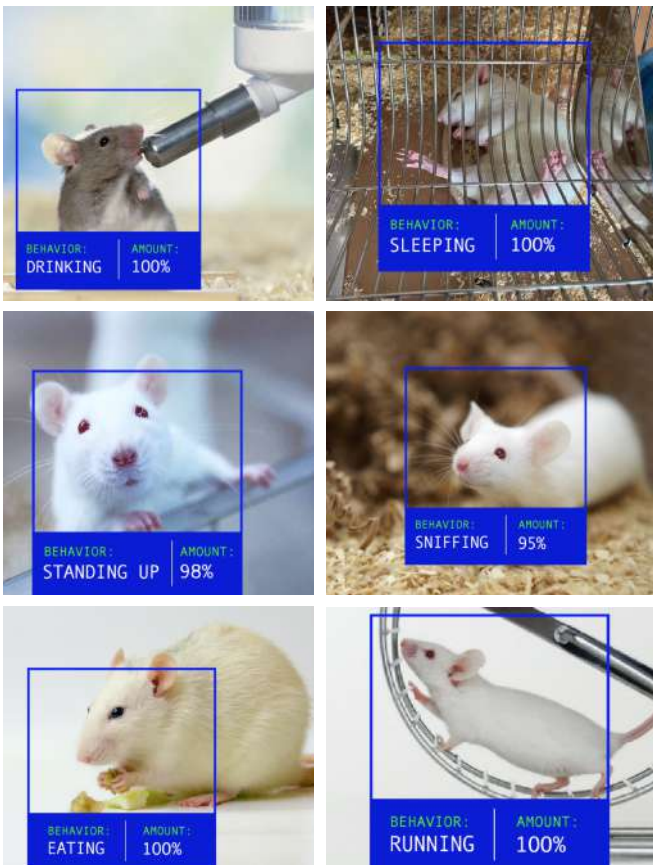
In clinical trials humans are used to observe repetitive actions of animals often mice and rats. This is time consuming, expensive and above all unreliable. It is impossible for a human observer to achieve the accuracy of our AI system that can analyse actions that take mere seconds.

This system has a permanent attention span and as time goes by contrary to humans it only becomes more accurate.

Using High Resolution camera's the system can monitor detailed actions on a specific part of the animal.

When observing a small animal like a mouse the system can for example detect behaviors like :

Drinking, Eating, Resting, Stretching, Grooming, Sniffing, Standing up, Etc



**This system can be trained to monitor different animals and recognize different types of behavior.**

### Highly Accurate Observations with the Permanent Attention Span

Observing and quantifying the evolution of behavioral actions of multiple animals can demonstrate the impact of clinical tests with unprecedented accuracy.

Reduce the number of laboratory mice needed by measuring extremely accurate the behavioral changes that take place.

No human could even remotely approach the accuracy of an AI system. Measure how much time is spent on eating or drinking and compare this to effectively consumed quantities.

Detect strokes, duration, and behavior prior or after recovery of every stroke.



**Reduces the number of laboratory animals needed**