## HORIZON-HLTH-2024-DISEASE-03-13 - Validation of biomarkers for brain disorders.



#### **Proposed Approach**

"...better understanding of mechanisms underlying brain disorders at the molecular, cellular and systemic level."

#### Looking to further develop our pre-clinical research tools:

- Computer vision based tracking of multiple unmarked rodents (EthoVision XT)
- Al-based analysis of complex and uncommon behaviors
- Instrumented home cage monitoring

#### Partners:

- Researchers looking into mechanism underlying brain disorders with rodent models
- Technology providers



#### **Organisation**

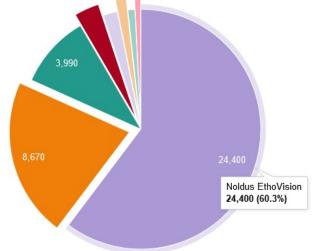
# Developer of innovative solutions for behavioural research

SME: +30 years old, 170 employees in 9 countries HQ: Wageningen, The Netherlands

Professional software development; data sync & integration, A-V, AI, computer vision, stats, visualization, tracking, behavioural methodology, ISO 27001

### **Experience**

- Dozens of Horizon/Framework projects, about 140 collaboration projects (noldus.com/projects)
- All major universities and all major pharmaceutical companies as customers
- Market leader in video tracking technology e.g. most publications



#### **Contact Information**

Andrew.Spink@noldus.nl
+31 317 473300
nl.linkedin.com/in/andrewspink
@andrewspink@mastodon.green
noldus.com/about-noldus/looking-for-projects

