

# High-Throughput General Health Monitoring

#### **Overview**

### Non-invasive, longitudinal monitoring

- Plug-and-play, non-invasive solution
- Continuous, around-the-clock monitoring
- Scalable up to 80 cages for large cohort studies
- High-fidelity, longitudinal data
- Automated data collection and analysis



## **Automated Animal Welfare**

#### **Quantitative Insight Into Key Health Metrics**

#### **Sleep-Wake / Circadian Disruptions**

- Duration and fragmentation for Wake, NREM, and REM Sleep
- Circadian phase shifts and rhythm stability

#### **Behavioral Irregularities**

- Identify deviation from baseline to identify illness/disease
- Track trajectories post-surgery for chronic dosing studies

# **Applications**

- Drug Safety / Toxicology
- Metabolic Dysfunction
- Post-surgical Monitoring
- Aging and Longevity Studies
- **Neurodegenerative Disorders**
- Infection and Disease Models

Contact us today to learn more about how - can accelerate your research

