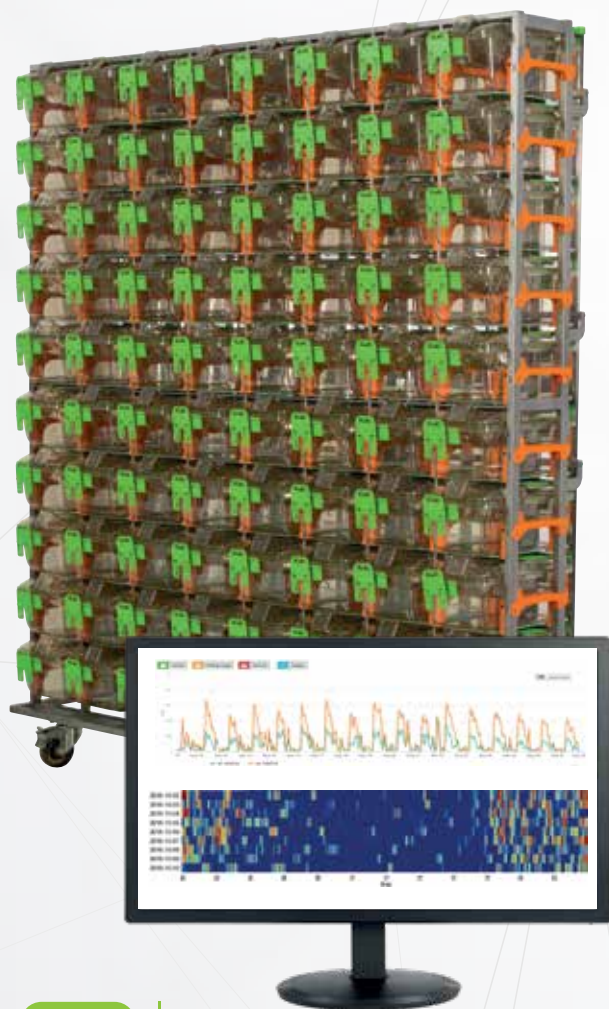


Invitation to Digital Vivarium Seminar:

ENHANCE YOUR STUDY OUTCOME

Discover How the DVC[®] Monitoring System Can Help Researchers Improve Scientific Results



Learn how the DVC system can transform **YOUR** facility into a digital vivarium, help standardize research accuracy, improve animal welfare and the 3Rs as well as housing and vivarium management.

- **Monitor and identify cage activity levels and animal status**, and detect change in behaviour and aggression at an early stage
- **Identify undesired changes** in animal behaviour
- **Improve reproducibility** of your research with automated and non-invasive data collection
- **Unveil novel insights** while capturing continuous data 24/7 directly from the home cage
- **Reduce animal handling and increase data collection samples** to refine your study outcome with quantitative metrics
- **Perform multiple experiments in parallel** and avoid the risk of introducing unpredictable environment-related behaviour

JOIN OUR FREE-OF-CHARGE SEMINAR!

When

Wednesday 30 October 2019 from 10-13:00.
We will be serving a light lunch and beverages.

Where

University of Oslo, Domus Medica
Sognsvannsveien 9, Oslo

Sign up

<https://www.surveymonkey.com/r/ZHYSMVV>

Deadline: Thursday 10 October 2019



DVC[®]
DIGITAL VENTILATED CAGE

A cooperation between

 **TECNIPLAST**



SCANBUR 
Improving Life Sciences

Study References

“By using continuous home-cage recordings we observed that food and water restriction induced a reversible reduction of overall activity levels that went undetected using the instantaneous scoring method.” (*Goltstein et al. 2018.*)

“DVC is effective in identifying mouse cages with patterns of high activity levels, signaling possible aggression incidences, thus potentially allowing for early intervention and consequently improving animal welfare.” (*Giles et al. 2018.*)

“These data demonstrate that home cage monitoring is scalable and run in real time, providing complementary information for animal welfare measures, experimental design and phenotype characterization.” (*Pernold et al. 2018.*)

“The results show that the proposed home-cage monitoring system can provide animal activity metrics that are comparable to the ones derived via a conventional video tracking system, with the advantage of system scalability, limited amount of both data generated, and computational capabilities required to derive metrics.” (*Iannello F. 2019.*)

”In summary, our results indicate that, for the measures recorded, there was no significant impact on the behaviour and welfare of low frequency EMF exposure experienced continuously over a six-week period as an integrated part of this IVC housing system for BALB/cAnNCrI and C57BL/6NCrI mice.” (*Burman et al. 2018.*)

Learn more about DVC®

<https://www.scanbur.com/products/housing/digitally-ventilated-cages-dvc>