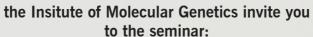


## Czech - Slovak Laboratory Animal Science Association and





# HOME CAGE MONITORING: A NEW ERA IN ANIMAL WELFARE AND SCIENTIFIC PRECISION

**Location:** Institute of Molecular Genetics of the Czech Academy of Sciences.

Lecture room 0.195

**Date:** 14. 1. 2025 **Time:** 9:00 – 14:00

Home Cage Monitoring Systems transform animal research by addressing welfare concerns with scientific precision. They enable real-time welfare assessment and advanced phenotyping. These systems integrate Al algorithms, allowing for continuous, non-invasive monitoring of animal behavior, crucial for detecting anomalies such as fighting, ensuring humane treatment, and enhancing data reliability.

### LIMITED SEATS!

#### **REGISTRATION FREE AT WWW.SVLZ.CZ**

#### **PROGRAMME:**

Pagistration

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	9:00	Registration
	9:30	"Home cage monitoring: where we are and what we need"  Aleksandra Bartelik on behalf of COST TEATIME, Institute of Microbiology of the Czech  Academy of Sciences
	10:00	"How is home cage monitoring supporting the 3Rs" Stefano Gaburro, Tecniplast Spa
	10:45	"IntelliCage – the automated test system to investigate individual rodent behavior within a social group" Holger Russig, TSE Systems GmbH
	11:15	Lunch
	12:00	"Unparalleled insights into animal behaviour and cage environments" Nathan Hill, Allentown Inc.
	12:30	"Thermal homeostasis in mice – the role of shivering and non-shivering thermogenesis"  Kristina Bardova, Institute of Physiology of the Czech Academy of Sciences
	13:00	Discussion
Changers		

**Sponsors:** 



