

This conference is organized online to ensure that it can be held even if the COVID conditions change in autumn 2021.

It consists of 4 half days (Friday afternoon). You can register for one or more of these half-days. Each of them counts as a half-day of continuing education.

A certificate will be issued at the end of the conference, based on your registration and attendance.



**SGV2021 meeting**  
**Friday November 19th, 2021**  
**Zoom Conference**

13:00 13:05	<b>WELCOME</b>
	<b><i>Reproducibility crisis: where are we now?</i></b>
13:05 13:30	15 years after “Why Most Published Research Findings Are False”
13:30 13:55	Moving to a World Beyond “ $p < 0.05$ ”
13:55 14:20	Integrity Officers, a solution to quality and reproducibility and of research in institutions? (25min)
14:20 14:45	Center of Reproducible Science (CRS) UZH (25min)
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>	
	<b><i>Nutrition and Microbiota</i></b>
15:15 15:40	Laboratory animals’ nutrition (25min)
15:40 16:10	Identifying and Overcoming Threats to Reproducibility, Replicability, Robustness, and Generalizability in Microbiome Research (30min)
16:10 16:35	Wildlings, a model for human immune responses (25min)
5 min	Take home message

**The official accreditation as continuing education in Switzerland for experimenters and study directors is currently in progress.**

13:00	<b>WELCOME</b>
13:05	
	<b><i>News from the lab and animal facilities</i></b>
13:05	Refining husbandry and experimental procedures
13:30	GV-SOLAS Analgesia factsheet
13:30	The Animal Welfare Officer Network Blood Collection Guideline
13:55	
13:55	Identification decision tree. Justification and ethical justification, refinement.
14:15	
14:15	Micropipette-guided drug administration (MDA) procedure in mice Pros and Cons
14:40	
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>	
	<b><i>News from the lab and animal facilities</i></b>
15:10	Tunnel handling in animal facilities
15:25	
15:25	A Validated Smartphone-based Electrocardiogram Reveals Severe Bradyarrhythmias during Immobilizing Restraint in Mice of Both Sexes and Four Strains
15:45	
15:45	Body temperature measurement: transponder versus surface infrared thermometry
16:05	
16:05	Mouse and rat vascular access button for multiple blood sampling, Pros and Cons
16:30	
5 min	Take home message

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13:00	<b>WELCOME</b>
13:05	
	<b><i>Can animal experimentation take advantage of deep learning tools?</i></b>
13:05	Measurement of animal behavior in neuroscience
13:30	
13:30	Deep learning-recognizing facial expressions in mice
13:55	
13:55	Ultrasonic signals associated with different types of social behaviour of mice
14:15	
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>	
	<b>Coronavirus Pandemic</b>
	<b><i>Contribution of animals and alternatives in developing COVID vaccines</i></b>
14:45	Synergies between <i>in vitro</i> and <i>in vivo</i> testing for vaccine production
15:10	
	<b>Were we ready to face a pandemic? Article 28 OPAn</b>
15:10	Swiss Animal facilities disaster planning.
15:45	
15:45	How to design a disaster plan in a AAALAC animal facility
16:10	
16:10	Culture of Care in pandemic times
16:35	
5 min	Take home message

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13:00 13:05	<b>WELCOME</b>
	<b>Home-cage new technologies</b>
13:05 13:35	Innovative technologies in the home-cage: evolution of the animal/human relationship
13:35 13:55	Rodent Big and Little brother: home-cage monitoring of mice and rats
13:55 14:15	Tracking mouse behavior reveals new disease clues
14:15 14:40	Welfare implications of home-cage digitalization in laboratory rodents
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>	
	<b>Communication session</b>
15:10 15:40	Animal experimentation: analysis of the controversy from 1950 to the present day in Switzerland
15:40 16:00	Initiative and counter project(s): where are we now? Summary of the National Council discussions
16:00 16:25	Speaking of research (speakingofresearch.com) What are the current barriers to animal experimentation communication?
16:25 16:40	Swiss transparency agreement
5 min	Take home message

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