

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>	SGV President
	<b><i>Reproducibility crisis: where are we now?</i></b>	<i>Chairpersons:</i>
13:05 13:30	15 years after “Why Most Published Research Findings Are False”	J. P. A. Ionnidis (Stanford University, USA)
13:30 13:55	Moving to a World Beyond “ $p < 0.05$ ”	F. Schütz (University of Lausanne, CH)
13:55 14:20	Integrity Officers, a solution to quality and reproducibility and of research in institutions? (25min)	Catherine Winchester (Beaston Institute, UK)
14:20 14:45	Center of Reproducible Science (CRS) UZH (25min)	Eva Furrer (University of Zürich, CH)
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>		
	<b><i>Nutrition and Microbiota</i></b>	<i>Chairpersons:</i>
15:15 15:40	Laboratory animals’ nutrition (25min)	Michael Pellizzon (Research Diets)
15:40 16:10	Identifying and Overcoming Threats to Reproducibility, Replicability, Robustness, and Generalizability in Microbiome Research (30min)	PD Schloss (University of Michigan; USA)
16:10 16:35	Wildlings, a model for human immune responses (25min)	Stephan.P. Rosshart (UniKlinik Freiburg, DE)
5 min	Take home message	SGV President

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

**SGV2021 meeting**  
**Friday November 26<sup>th</sup>, 2021**  
**Zoom Conference**

13:00 13:05	<b>WELCOME</b>	SGV President
	<b><i>News from the lab and animal facilities</i></b>	<b><i>Chairpersons:</i></b>
13:05 13:30	Refining husbandry and experimental procedures GV-SOLAS Analgesia factsheet	A. Bergadano (Experimental Animal Center, University of Bern)
13:30 13:55	The Animal Welfare Officer Network Blood Collection Guideline	Maike Heimann (AWO network)
13:55 14:15	Identification decision tree. Justification and ethical justification, refinement.	F. Chabaud/P. Bugnon (Swiss Education Network)
14:15 14:40	Micropipette-guided drug administration (MDA) procedure in mice Pros and Cons	Urs Meyer (University of Zürich)
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>		
	<b><i>News from the lab and animal facilities</i></b>	<b><i>Chairpersons:</i></b>
15:10 15:25	Tunnel handling in animal facilities	P. Jirkof (Swiss 3RCC)
15:25 15:45	A Validated Smartphone-based Electrocardiogram Reveals Severe Bradyarrhythmias during Immobilizing Restraint in Mice of Both Sexes and Four Strains	Labitt, <i>Rachael N</i> (Cornell University, USA)
15:45 16:05	Body temperature measurement: transponder versus surface infrared thermometry	JV Emmrich (Freie Univ. Berlin, DE)
16:05 16:30	Mouse and rat vascular access button for multiple blood sampling, Pros and Cons	René Remie (Surgical Skill Center, NL)
5 min	Take home message	SGV President

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

**SGV2021 meeting**  
**Friday December 3<sup>rd</sup>, 2021**  
**Zoom Conference**

13:00 13:05	<b>WELCOME</b>	SGV President
	<b><i>Can animal experimentation take advantage of deep learning tools?</i></b>	<i>Chairpersons:</i>
13:05 13:30	Measurement of animal behavior in neuroscience	M. W. Mathis (EPFL, CH)
13:30 13:55	Deep learning-recognizing facial expressions in mice	N. Gogolla (Max Planck Institute of Neurobiology; D)
13:55 14:15	Ultrasonic signals associated with different types of social behaviour of mice	P. Neunuebel (University of Delaware, USA)
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>		
	<b>Coronavirus Pandemic</b>	
	<b><i>Contribution of animals and alternatives in developing COVID vaccines</i></b>	<i>Chairpersons:</i>
14:45 15:10	Synergies between <i>in vitro</i> and <i>in vivo</i> testing for vaccine production	Understanding Animal Research, UK
	<b>Were we ready to face a pandemic? Article 28 OPAn</b>	<i>Chairpersons:</i>
15:10 15:45	Swiss Animal facilities disaster planning.	SAFN
15:45 16:10	How to design a disaster plan in a AAALAC animal facility	AAALAC expert
16:10 16:35	Culture of Care in pandemic times	TBD
5 min	Take home message	SGV President

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

**SGV2021 meeting**  
**Friday December 10<sup>th</sup>, 2021**  
**Zoom Conference**

13:00 13:05	<b>WELCOME</b>	SGV President
	<b>Home-cage new technologies</b>	<i>Chairpersons:</i>
13:05 13:35	Innovative technologies in the home-cage: evolution of the animal/human relationship	Jan-Bas PRINS (Biological Research Facility, Francis Crick Institute, UK & Leiden University)
13:35 13:55	Rodent Big and Little brother: home-cage monitoring of mice and rats	Douglas Armstrong
13:55 14:15	Tracking mouse behavior reveals new disease clues	Brun ULFHAKE (Karolinska Institute, Sweden)
14:15 14:40	Welfare implications of home-cage digitalization in laboratory rodents	Fabrizio SCORRANO (Novartis, Basel)
<b>COFFEE BREAK - ONLINE INDUSTRIAL EXHIBITION</b>		
	<b>Communication session</b>	<i>Chairpersons:</i>
15:10 15:40	Animal experimentation: analysis of the controversy from 1950 to the present day in Switzerland	Fabienne Crettaz von Roten (University of Lausanne, CH)
15:40 16:00	Initiative and counter project(s): where are we now? Summary of the National Council discussions	Birgit Ledermann (SGV President, CH)
16:00 16:25	Speaking of research (speakingofresearch.com) What are the current barriers to animal experimentation communication?	Tom Holder (Pro-Test press officer, D)
16:25 16:40	Swiss transparency agreement	TBD
5 min	Take home message	SGV President

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