



SGV 2014 meeting  
December 2<sup>nd</sup> & 3<sup>rd</sup>, 2014  
Technopark, Zürich

**Tuesday morning, December 2nd, 2014**  
***Should we put clothes on our mice***

09:00 09:10	WELCOME	SGV President
	<i>Why we should put clothes on mice.</i>	<i>Chairpersons: M. Deurinck, M. Gyger</i>
09:10 10:10	Plenary lecture <i>Thermal physiology of laboratory animals: defining thermoneutrality</i>	CJ Gordon (Research Triangle Park, USA)
10:10 10:45	<i>Thermoneutrality and metabolism</i>	J. Nedergaard (Stockholm University, S)

COFFEE BREAK- INDUSTRIAL EXHIBITION (40 min)

		<i>Chairpersons:</i>
11:25 12:00	<i>Tumor growth and immune control: influence by subthermoneutral housing temperature.</i>	K. Kokolus (Roswell Park Cancer Institute, USA)
12:00 12:35	<i>Thermoregulatory responses to lipopolysaccharide in the mouse.</i>	A. Romanovsky (Barrow Neurological Institute, USA)

LUNCH- INDUSTRIAL EXHIBITION (1h10)

**Tuesday afternoon, December 2nd, 2014**  
***Analgesia / anesthesia / euthanasia***

		<i>Chairpersons:</i>
13:45 14:40	SGV AWARDEE LECTURE 2014: <i>Analgesic Best Practice for the Use of Animals in Research: a review</i>	P. Flecknell (Comparative Biology Centre, UK)
14:40 14:50	<i>Brief communication: New development in analgesia: long-term delivery of analgesics</i>	P. Jirkof (University of Zurich, CH)
14:50 15:25	<i>Balanced anesthesia</i>	N. Cesarovic (University of Zurich, CH)
15:25 15:55	<i>A simple method to monitor vital parameters in newborns rodents</i>	JW Yang (University Medical Center of the Johannes Gutenberg-University, D)

COFFEE BREAK- INDUSTRIAL EXHIBITION (40 min)

	Euthanasia	<i>Chairpersons:</i>
16:35 17:10	<i>Should anesthesia before euthanasia with CO2 become a standard procedure?</i>	D. Weary (University of British Columbia, CA)
17:10 17:45	<i>Cervical dislocation: a humane method of euthanasia?</i>	L. Carbone (University of California, San Francisco, USA)

**This course is accredited as continuing education in Switzerland for experimenters and study directors in animal experimentation.**

**SGV General Assembly at 18:00**  
**Gala Dinner at 20:00**



SGV 2014 meeting  
December 2<sup>nd</sup> & 3<sup>rd</sup>, 2014  
Technopark, Zürich

**Wednesday morning, December 3rd, 2014**  
***Genetic engineering procedures in rodents***

09:00 09:10	WELCOME	SGV President
		<i>Chairpersons: M. Deurinck, M. Gyger</i>
09:10 10:10	Plenary lecture Gene targeting in rodents: a review of the latest technologies (ZnFingers, TALENs, CRISPR/CAS-mediated genome engineering): Pros and Cons	R. Kühn (Max-Delbrück-Center for Molecular Medicine, D)
10:10 10:45	Refinement <ul style="list-style-type: none"> <li>• Testicular transgenesis</li> <li>• Non surgical embryo transfer (NSET)</li> </ul>	S. S. Majumdar (National Institute of Immunology, IN)

COFFEE BREAK- INDUSTRIAL EXHIBITION (40 min)

		<i>Chairpersons:</i>
11:25 11:55	Mice generated by IVF exhibit vascular dysfunction and shortened life span.	U. Scherrer (University Hospital Bern, CH)
11:55 12:35	Ethical issues and welfare concerns in the generation of GMA.	G. Griffin (Canadian Council on Animal Care, CA)

LUNCH- INDUSTRIAL EXHIBITION (1h10)

**Wednesday afternoon, December 3rd, 2014**  
***Reporting genetically modified animals in Europe and in Switzerland***

		<i>Chairpersons:</i>
13:45 14:20	GMA Breeding and Colony Management	J. Jaubert (Institut Pasteur, F)
14:20 15:40	Round table on the reporting of the production and breeding of GMA in Switzerland, in the Netherlands and in the UK. <ul style="list-style-type: none"> <li>• Definitions, Reporting format, Statistics,</li> <li>• What is the response of the public?</li> <li>• How does/should the scientific community communicate to the public?</li> </ul>	Invited speakers: - Jan-Bas Prins (Leiden University Medical Centre, NL) - K. Garrod (Home Office, UK) - Federal Food Safety and Veterinary Office (FSVO, CH)

COFFEE BREAK- INDUSTRIAL EXHIBITION (40 min)

	Fur mites	<i>Chairpersons:</i>
16:20 17:10	Fur mites: generalities, treatment, can fur mites or treatment impact on my research?	F. Wolf (Memorial Sloan-Kettering Cancer Center, USA)
17:10 17:30	How to avoid transmission of fur mites to our animal facilities	X. Warot / G. Ferrand (Swiss Federal Institute of Technology, CH)