



SGV 2012 meeting  
November 19<sup>th</sup> & 20<sup>th</sup>, 2012  
Technopark, Zürich

Monday morning, November 19th, 2012  
*Empathy in the animal kingdom*

09:00	WELCOME	SGV and 3Rs Foundation
		<i>Chairpersons: M. Deurinck, M. Gyger</i>
09:10	<u>Plenary Lecture</u>	S. D. Preston
10:10	"Empathy in the animal kingdom"	(University of Michigan, USA)
10:10	Social modulation of pain as evidence for empathy in mice	D.J. Langford
10:40		(University of California, San Francisco, USA)

COFFEE BREAK- INDUSTRIAL EXHIBITION

		<i>Chairpersons: M. Deurinck, D.J. Langford</i>
11:10	Empathy is moderated by genetic background in mice	G.P. Lahvis
11:40		(Oregon Health and Science University, USA)
11:40	Empathy and pro-social behaviour in rats	P. Mason
12:10		(University of Chicago, USA)

LUNCH- INDUSTRIAL EXHIBITION

Monday afternoon, November 19th, 2012  
*Pain recognition*

<i>Pain perception in fetuses and neonates</i>		<i>Chairpersons: J.-C. Bensadoun, B. Riederer</i>
13:40	Developmental differences between precocial and altricial animals.	R. Zeller
14:00		(University of Basel, CH)
14:00	Pain perception in human fetuses and neonates	N. Powell
14:45		(University of Birmingham, UK)
14:45	Pain perception in rodent fetuses and neonates	GA Barr
15:30		(The Children's Hospital of Philadelphia, USA)

COFFEE BREAK- INDUSTRIAL EXHIBITION

<i>Pain behaviours and assessment in rodents</i>		<i>Chairpersons: J.-C. Bensadoun, B. Riederer</i>
16:00	Rodents grimace scale (mouse and rat), their use to evaluate postoperative analgesics	JS Mogil
16:50		(McGill University, Canada)
16:50	SGV AWARDS 2012	SGV
17:05		
17:05	Nest building and burrowing	P. Jirkof
17:30		(University of Zürich, CH)

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 2012 meeting  
November 19<sup>th</sup> & 20<sup>th</sup>, 2012  
Technopark, Zürich

Tuesday morning, November 20th, 2012

<i>Reduce-refine-replace lecture</i>		<i>Chairpersons: M. Deurinck, P. Maier</i>
09:00	<b>From Cells to functional cardiovascular implants</b>	<b>S. Hoerstrup</b>
09:30		<b>(University of Zürich, CH)</b>
<i>Genetic reference population of mice</i>		<i>Chairpersons: X. Warot, R. Doenlen</i>
09:30	<b><u>Plenary Lecture:</u></b>	<b>R. Williams</b>
10:15	<b>“A Paradigm Shift in Mouse Genetics: Merging Reductionist and Holistic Approaches to Model Pervasive Diseases in Human Populations”</b>	<b>(UT Center for Integrative and Translational Genomics, USA)</b>
10:15	<b>The use of genetic reference population in metabolic diseases</b>	<b>J. Auwerx</b>
10:45		<b>(Ecole Polytechnique Fédérale Lausanne, CH)</b>
10:45	<b>The use of genetic reference populations in infectious diseases</b>	<b>K. Schughart</b>
11:10		<b>(Helmholtz-Zentrum für Infektionsforschung, D)</b>

COFFEE BREAK- INDUSTRIAL EXHIBITION

<i>Laboratory animal transportation</i>		<i>Chairpersons: M. Deurinck, B. Ledermann</i>
11:40	<b>Transportation as major life event in rodents: <i>Effects on welfare and limits of adaptation</i></b>	<b>K. Kramer</b>
12:00		<b>(University of Amsterdam, NL)</b>
12:00	<b>The impact of animal facility routines on welfare and stress of laboratory rodents: <i>in-house transport</i></b>	<b>MJ Castelhano-Carlos</b>
12:20		<b>(Life and Health Sciences Research Institute, P)</b>

LUNCH- INDUSTRIAL EXHIBITION

Tuesday afternoon, November 20th, 2012

*Experimental procedures: from basics in surgery to new challenging techniques*

		<i>Chairpersons: S. Zeiter, Y. Seimbille</i>
13:50	<b>Asceptic surgery in mammals</b>	<b>K. Nuss F. Theiss</b>
14:20		<b>(University of Zürich, CH)</b>
14:20	<b>Cannulation procedures in rodents</b>	<b>D. Bouard</b>
14:45		<b>(Charles River Laboratories, F)</b>
14:45	<b>Chronic implants for long-term neural interfacing with the brain and spinal cord</b>	<b>A. Jackson</b>
15:10		<b>(University of Newcastle; UK)</b>

COFFEE BREAK- INDUSTRIAL EXHIBITION

		<i>Chairpersons: S. Zeiter, K. Nuss</i>
15:40	<b>Rodent laparoscopy: refinement for rodent drug studies and model development, and monitoring of neoplastic, inflammatory and metabolic diseases</b>	<b>SW Baran</b>
16:40		<b>(Veterinary Bioscience Institute, USA)</b>
16:40	<b>Spinal cord surgery: multi-system neurorehabilitative strategies to restore motor functions</b>	<b>G. Courtine</b>
17:05		<b>(Ecole Polytechnique Fédérale Lausanne, CH)</b>
17:05	<b>New tracers and techniques in Bio-imaging</b>	<b>Y. Seimbille</b>
17:30		<b>(Center for Biomedical Imaging, EPFL-HUG, CH)</b>

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