



SGV 2012 meeting
November 19th & 20th, 2012
Technopark, Zürich

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

09:00	WELCOME	SGV and 3Rs Foundation
09:10	Plenary Lecture	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

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

Pain perception in fetuses and neonates

13:40	Developmental differences between precocial and altricial animals.	R. Zeller (Uni BS)
14:00	Pain perception in human fetuses and neonates	S.W. Derbyshire
14:45		(University of Birmingham, UK)
14:45	Pain perception in rodent fetuses and neonates	GA Barr
15:30		(The City University of New York, USA)

COFFEE BREAK- INDUSTRIAL EXHIBITION

Pain behaviours and assessment in rodents

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 will be accredited as continuing education in Switzerland for experimenters and directors of the experiments in animal experimentation.

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



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Tuesday morning, November 20th, 2012

Reduce-refine-replace lecture

09:00 **The Virtual Liver** To contact: Dr Hengstler
09:30

Genetic reference population of mice

09:30 **Plenary Lecture:** R. Williams (UT Center for Integrative and
10:15 **"Genetic reference population of mice"** Translational Genomics, USA)
10:15 **"The use of genetic reference population in metabolic** J. Auwerx (EPFL, CH)
10:45 **diseases"**
10:45 **"The use of genetic reference population in** Contacted: H. Schughart
11:10 **immunological diseases"**

COFFEE BREAK- INDUSTRIAL EXHIBITION

Laboratory animal transportation

11:40 **The use of radiotelemetry to assess the time needed** K. Kramer (University of Amsterdam, NL)
12:00 **to acclimatize rodents (rats, guineapigs) after ground**
transportation.
12:00 **The impact of animal facility routines on welfare and** MJ Castelhana-Carlos (Life and Health
12:20 **stress of laboratory rodents: in-house transport (=new** Sciences Research Institute, Portugal)
title).

LUNCH- INDUSTRIAL EXHIBITION

Tuesday afternoon, November 20th, 2012

Experimental procedures: from basics in surgery to new challenging techniques

13:50 **Asceptic surgery in mammals** K. Nuss F. Theiss
14:20 (University of Zürich, CH)
14:20 **Cannulation procedures in rodents** D. Bouard (CRLF, F)
14:45
14:45 **NHP SGV group presentation** A. Jackson (Newcastle; UK)
15:10

COFFEE BREAK- INDUSTRIAL EXHIBITION

15:40 **Rodent laparoscopy: refinement for rodent drug studies** SW Baran (Veterinary Bioscience
16:40 **and model development, and monitoring of neoplastic,** Institute, USA)
inflammatory and metabolic diseases
16:40 **Spinal cord surgery: multi-system neurorehabilitative** G. Courtine (EPFL, CH)
17:05 **strategies to restore motor functions**
17:05 **New tracers and techniques in Bio-imaging** Y. Seimille (CIBM, EPFL-HUG, CH)
17:30

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