

Monday 19.11 2012

Auditorium

SGV

	<i>Empathy in the animal kingdom</i>	
09:00	WELCOME	SGV and SF3R
09:10 10:10	Plenary Lecture "Empathy in the animal kingdom"	S. D. Preston (University of Michigan, USA)
10:10 10:40	Social modulation of pain as evidence for empathy in mice	D.J. Langford (University of California, San Francisco, USA)
	COFFEE BREAK- INDUSTRIAL EXHIBITION	
11:10 11:40	Empathy is moderated by genetic background in mice	G.P. Lahvis (Oregon Health and Science Univ., USA)
11:40 12:10	Empathy and pro-social behaviour in rats	P. Mason (University of Chicago, USA)
	LUNCH- INDUSTRIAL EXHIBITION	
	<i>Pain perception in fetuses and neonates</i>	
13:40 14:00	Developmental differences between precocial and altricial animals.	R. Zeller (University of Basel, CH)
14:00 14:45	Pain perception in human fetuses and neonates	N. Powell (University of Birmingham, UK)
14:45 15:30	Pain perception in rodent fetuses and neonates	G.A .Barr (Children's Hospital of Philadelphia,USA)
	COFFEE BREAK- INDUSTRIAL EXHIBITION	
	<i>Pain behaviours and assessment in rodents</i>	
16:00 16:50	Rodents grimace scale (mouse and rat), their use to evaluate postoperative analgesics	JS Mogil (McGill University, Canada)
16:50 17:05	SGV AWARDS 2012	SGV
17:05 17:30	Nest building and burrowing	P. Jirkof (University of Zürich, CH)
18:00	SGV General Assembly at 18:00	
20:00	Gala Dinner Restaurant Metropol	

Monday 19.11 2012

SF3R

Room Basic (2nd Floor) and Video in Room Pascal (3rd Floor)

	<i>The 3Rs in Research and Development</i>	
10:15 10:25	Refinement goes together with Replacement	P. Maier SF3R and University of Zürich
10:25 10:50	MRI its impact on Refinement and Reduction	N. Beckmann NIBR, Basel
COFFEE BREAK - INDUSTRIAL EXHIBITION - POSTER VIEWING		
11:10 11:40	Bacterial Meningitis: Brain Injury and Regenerative Therapy <i>in vitro</i>	S. Leib Inst. for Infectious Diseases, Univ. of Berne
11:40 12:10	From pigs to cells: Prediction of virulence of classical swine fever virus <i>in vitro</i>	N. Ruggli IIVI, Mittelhäusern
LUNCH - INDUSTRIAL EXHIBITION - POSTER VIEWING		
13:40 14:05	<i>In vitro</i> induction of stage conversion in the parasite <i>Neospora caninum</i>	A. Hemphill Inst. of Parasitology, Univ. of Berne
14:05 14:30	25 years 3R-project funding, effects on the 3Rs	S. Schindler Animalfree Research, Zürich
	<i>The 3R's in Toxicity and Safety Testing</i>	
14:30 14:35	Swiss Tox and the 3Rs	F. Pfannkuch Swiss Society of Toxicology
14:35 15:00	New 3R relevant methods in drug development	F. Boess F. Hoffmann-La Roche, Basel
15:00 15:25	New tests for (nano)particles - <i>In vitro</i> evolution	M. Geiser Inst. of Anatomy, University of Berne
COFFEE BREAK - INDUSTRIAL EXHIBITION - POSTER VIEWING - <i>InSphero</i> LAB TOUR		
16:00 16:30	Impact of the International Conference on Harmonization (ICH) on the use of animals in Regulatory Toxicology	F. Pfannkuch Swiss Society of Toxicology
16:30 17:00	Proofing the relevance of the Ex Vivo Eye Irritation Test (EVEIT)	F. Spöler RWTH Aachen, Germany
17:00 17:30	Criteria for acceptance of alternative methods in the approval process of chemicals	D. Oggier Bundesamt für Gesundheit, Bern
18:30	Aperitif Hotel St. Gotthard	
19:00-	25 Years Anniversary Dinner (with tickets only)	

	Replace-Refine-Reduce Lecture	
09:00 09:30	From Cells to functional cardiovascular implants	S. Hoerstrup (University Hospital and University of Zürich)
	Genetic reference population of mice	
09:30 10:15	Plenary Lecture: "A Paradigm Shift in Mouse Genetics: Merging Reductionist and Holistic Approaches to Model Pervasive Diseases in Human Populations"	R. Williams (UT Center for Integrative and Translational Genomics, USA)
10:15 10:45	The use of genetic reference population in metabolic diseases	J. Auwerx (EPFL, CH)
10:45 11:10	The use of genetic reference populations in infectious diseases	K. Schughart (Helmholtz-Zentrum f. Infektionsforschung, D)
COFFEE BREAK- INDUSTRIAL EXHIBITION		
11:40 12:00	Transportation as major life event in rodents: <i>Effects on welfare and limits of adaptation</i>	K. Kramer (University of Amsterdam, NL)
12:00 12:20	The impact of animal facility routines on welfare and stress of laboratory rodents: <i>in-house transport</i>	MJ Castelhana-Carlos (Life and Health Sciences Research Institute, P)
LUNCH- INDUSTRIAL EXHIBITION		
	Experimental procedures: from basics in surgery to new challenging techniques	
13:50 14:20	Asceptic surgery in mammals	K. Nuss F. Theiss (University of Zürich, CH)
14:20 14:45	Cannulation procedures in rodents	D. Bouard (Charles River Laboratories, F)
14:45 15:10	Chronic implants for long-term neural interfacing with the brain and spinal cord	A. Jackson (University of Newcastle; UK)
COFFEE BREAK- INDUSTRIAL EXHIBITION		
15:40 16:40	Rodent laparoscopy: refinement for rodent drug studies and model development, and monitoring of neoplastic, inflammatory and metabolic diseases	SW Baran (Veterinary Bioscience Institute, USA)
16:40 17:05	Spinal cord surgery: multi-system neurorehabilitative strategies to restore motor functions	G. Courtine (Ecole Polytechnique Fédérale Lausanne, CH)
17:05 17:30	New tracers and techniques in Bio-imaging	Y. Seimbille (Center for Biomedical Imaging, EPFL-HUG, CH)

Tuesday 20.11 2012

SF3R

Room Basic (2nd Floor) and Video in Room Pascal (3rd Floor)

	<i>Progress of the 3Rs in Europe</i>	
09:35 10:10	Human neurons as alternatives to transgenic mice in neurobiology	M. Leist University of Konstanz, Germany
10:10 10:40	Do we still need teratomas? Alternatives to the pluripotency assay	G. Weitzer Medical University Vienna, Austria
COFFEE BREAK - INDUSTRIAL EXHIBITION - POSTER VIEWING - <i>InSphero</i> LAB TOUR		
11:00 11:30	Novel <i>in vitro</i> human cell model to detect kidney carcinogens using transcriptomics and systems biology	M. Ryan University College Dublin, Ireland
11:30 11:55	State of the Art: Safety assessment of cosmetics in the EU	O. de Silva L'Oreal, Paris, France
11:55 12:20	Assuring Safety Without Animal Testing	R. Stierum TNO, Zeist, The Netherlands
LUNCH - INDUSTRIAL EXHIBITION - POSTER VIEWING - <i>InSphero</i> LAB TOUR		
	<i>Support for the 3Rs</i>	
13:50 14:20	Directive 2010/63/EU on the protection of animals used for scientific purposes	S. Louhimies European Commission, Brussels
14:20 14:45	Implementation of the EU directive in Finland-how did the different stakeholders react	T. Heinonen University of Tampere, Finland
14:45 15:10	EPAA and Academic Research	K. D. Bremm EPAA, Platform of Science, Brussels
COFFEE BREAK - INDUSTRIAL EXHIBITION - POSTER VIEWING - <i>InSphero</i> LAB TOUR		
15:30 15:50	Horizon 2020: Advancing safety science and health research with modern, non-animal tools	T. Seidle Humane Society International London, U.K.
15:50 16:10	Interrelationships between the National Science Foundation and the 3R Platform in the Netherlands	J. de Boer ZonMw, The Netherlands
	<i>The 3Rs as a European consensus</i>	Chair: Lisbeth Knudsen
16:10 16:20	ecopa : Who, What, Where?	L. E. Knudsen University of Copenhagen, Denmark
16:20 16:30	Progress in Austria, <i>zet</i>	K. Sommer BioMed-zet Life Science, Linz, Austria
16:30 16:40	Progress in Finland, <i>Fincopa</i>	T. Heinonen FICAM, University of Tampere, Finland
16:40 16:50	Progress in Germany, Stiftung <i>set</i>	Ch. Buda Stiftung-set, Frankfurt, Germany
16:50 17:00	Progress in France, FRANCOPA	Ph. Hubert INERIS, Verneuil-en-Halatte, France
17:00 17:10	Progress in the Netherlands, NKCA	S. Deleu RIVM, The Netherlands
17:10 17:20	Progress Norway, <i>Norecopa</i>	A. Smith Norecopa, Oslo, Norway
17:20 17:30	Progress in Switzerland, SF3R	P. Maier University of Zürich, Switzerland
17:45 18:30	ecopa General Assembly 2012	L. E. Knudsen University of Copenhagen, Denmark