

Tuesday morning, September 13th, 2016
Reproducibility in animal research: the 4th “R”

09:00 09:05	WELCOME	SGV President
		<i>Chairpersons:</i>
9:05- 9:25	Importance of reproducibility in animal research	Funding agency
09:25 - 10:25	Reproducibility issues in science (shared responsibilities: researchers, institution, grants, journals)	CG Begley (TetraLogic Pharmaceuticals, USA)
10:25 10:50	The reproducibility initiative in cancer research	E. Iorns (ScienceExchange, USA)

COFFEE BREAK- INDUSTRIAL EXHIBITION (40 min)

	How can we improve reproducibility?	<i>Chairpersons:</i>
11:30 11:50	The MULTI-PART initiative	M. MacLeod (University of Edingburgh, UK)
11:50 12:15	ARRIVE guidelines on reporting standards for preclinical animal studies	N. Percie du Sert (Nc3Rs; UK)
12:15 12:40	Evaluation of the scientific validity of animal experiments in Switzerland	Hanno Würbel (University of Bern, CH)

LUNCH- INDUSTRIAL EXHIBITION (1h10)

Tuesday afternoon, September 13th, 2016

	How to improve reproducibility?	<i>Chairpersons:</i>
13:50 14:35	How to design an animal experiment?	M. Berdoy (Nc3R initiative)
14:35 15:20	SGV AWARDEE LECTURE 2016 Risk of Bias in Reports of In Vivo Research: A Focus for Improvement	M. MacLeod (University of Edingburgh, UK)
15:20 15:45	Improving basic and translational science by accounting for litter-to-litter variation in animal models	S. Lazic (Novartis, CH)
15:45 16:10	Will we be able to reduce the number of animals if both sexes are used in research projects?	F. Schütz, (University Lausanne, CH)

COFFEE BREAK- INDUSTRIAL EXHIBITION (35 min)

	Reproducibility initiatives: other examples	<i>Chairpersons:</i>
16:45 17:10	Reproducibility: changing the policies and culture of cell line authentication	L. Freedman (University of South Carolina, USA)
17:10 17:35	Reporting and reproducibility in animal models of colitis	S. Cruickshank (University of Manchester, UK)

This course is accredited as continuing education in Switzerland for experimenters and study directors in animal experimentation.
Tuesday 13th September 2016: SGV General Assembly at 18:00
Gala Dinner at 20:00

Wednesday morning, September 14th, 2016
The other "Rs": Reduce-Refine-Replace

09:00 09:05	WELCOME	SGV President
	Invertebrates in Replacement	<i>Chairpersons:</i>
9.05- 9:35	Future Swiss 3R Competence Center	C. Leumann (University Bern, CH)
09:35- 10:05	A model for intestinal cancer in adult <i>Drosophila</i> A Comparison with the mouse model	J. Cordero (University of Glasgow, UK)
10:05 10:35	<i>Drosophila</i> as a model organism for neurodegenerative diseases.	A. Voigt (Aachen University, D)
10:35 11:00	Development and validation of a microfluidic device for high-throughput toxicity assays in <i>C. Elegans</i>	L. Mouchiroud (EPFL, CH; SGV 25 th Fund)

COFFEE BREAK- INDUSTRIAL EXHIBITION (40 min)

	Cell culture models	<i>Chairpersons:</i>
11:40 12:10	Engineering cancer microenvironments for in vitro 3-D tumor models	U. Demirci (Stanford University, USA)
12:10 12:40	Ex vivo engineered immune organoids	A. Singh (Cornell University, USA)
12:40 13:10	Metastasis-on-a-Chip	A. Skardal (Wake Forest School of Medicine, USA)

LUNCH- INDUSTRIAL EXHIBITION (1h10)

Wednesday afternoon, September 14th, 2016

	CRISPR/CAS9 editing	<i>Chairpersons:</i>
14:20 15:00	CRISPR-Cas systems for editing, regulating and targeting genomes (advantage/disadvantage with the other transgenic methods)	P. Pelczar (University of Basel, CH)
		<i>Chairpersons:</i>
15:00 16:00	No time to waste—the ethical challenges created by CRISPR	C. Plunkett (New York University, USA)

COFFEE BREAK- INDUSTRIAL EXHIBITION (35 min)

	Short Communications	<i>Chairpersons:</i>
16:35 16:55	AniMatch- an innovative approach to reduce lab animal usage (share of tissues and organs over EU)	A. Lang (Berlin, D)
16:55 17:15	Sharing resources to accelerate research into ageing (Biorepository; www.sharmuk.org)	I. Bellantuono (University of Sheffield UK)
17:15 17:25	Is this approach possible/accepted in Switzerland?	Federal veterinary Office (BLV, CH)

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