

Thursday morning, December 12th, 2019
60 years of 3Rs principles, 20 years after their revival and now

09:00 09:05	WELCOME	SGV President
		<i>Chairpersons:</i>
09:05- 09:50	Keynote Lecture Recovering The Principles of Humane Experimental Technique: The 3Rs and the Human Essence of Animal Research	RGW Kirk (University of Manchester, UK)
	REFINEMENT Handling	<i>Chairpersons:</i>
09:50 10:30	SGV Awardee in "REFINEMENT": non-aversive handling	J. Hurst (University of Liverpool, UK)
10:30- 10:55	Handling method alters the hedonic value of reward in laboratory mice	J.M. Clarkson (Newcastle University, UK)

COFFEE BREAK- INDUSTRIAL EXHIBITION (30 min)

	Anesthesia	<i>Chairpersons:</i>
11:25 12:00	Exposure of developing brain to general anesthesia: what is animal evidence (mice, rats, guinea pigs, NHP)?	V. Todorovic (University of Colorado, USA)
12:00 12:30	Severity classification of repeated isoflurane and xyl/ket anesthesia in C57BL/6JRj mice: Assessing the degree of distress	K. Hohlbaum (Freie Universität Berlin, D)
12:30 13:00	Evaluation of anaesthetic protocols for laboratory fish.	L. Antunes (University Vila Real, PT)

LUNCH- INDUSTRIAL EXHIBITION (1h15)

Thursday afternoon, December 12th, 2019

	Analgesia and Euthanasia	<i>Chairpersons:</i>
14:15 15:15	Keynote lecture: Mice are people too: social modulation of and by pain in mice and undergraduates	J. Mogil (McGill University, Canada)
15:15 15:35	Sustained-Release buprenorphine	V. Schreiner (University Basel, CH)

COFFEE BREAK- INDUSTRIAL EXHIBITION (30 min)

16:05 16:35	E-learning modules on anesthesia, euthanasia (...), how they contribute to refinement of animal experiments.	P. Flecknell (Newcastle University, UK)
16:35 17:00	Happy sheep make happy surgeons, scientists and vets.	S. Zeiter (AO Foundation, CH) C. Berset (University of Zürich, CH)
17:00 17:20	Improving intravenous injection in black mice	J. Messer (Roche Pharma Research & Early Development, CH)

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

Thursday 12th of December 2019: SGV General Assembly at 18:00

Apero offered for every participant by the SGV and Industry 17:20



SGV 2019 meeting
December 12th & 13th, 2019
Technopark, Zürich

Friday morning, December 13th, 2019

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09:00 09:05	WELCOME	SGV President
	REDUCTION	<i>Chairpersons:</i>
9:05 9:45	SGV 2019 Awardee in "REDUCTION": Embracing variability to improve reproducibility and minimize animal use	H. Würbel (University of Bern, CH)
9:45 10:25	Sex bias in preclinical research	N. Karp (Astrazeneca, UK)
10:25 10:40	Center for Reproducible Science	L. Held (University of Zürich, CH)

COFFEE BREAK- INDUSTRIAL EXHIBITION (40 min)

		<i>Chairpersons:</i>
11:20 11:50	Endogenous Enterobacteriaceae underlie variation in susceptibility to Salmonella infection	E. Velazquez (University California at Davis, USA)
11:50 12:20	Implementing 3Rs in the context of a transgenic laboratory	P. Pelczar (University of Basel, CH)
	Swiss 3Rs update	<i>Chairpersons:</i>
12:20 12:40	Swiss 3RCC update Swiss 3RCC Biostatistics Task Force	C. Eskes (Swiss3RCC, CH) A. Mensen (Swiss3RCC, CH)
12:40 12:50	What's new in Switzerland (legal, welfare, networks)	SGV President, AWO network (CH)

LUNCH- INDUSTRIAL EXHIBITION (1h00)

Friday afternoon, December 13th, 2019

	REPLACEMENT	<i>Chairpersons:</i>
13:50 14:30	SGV 2019 Awardee in "REPLACEMENT": Alternatives to Mammalian Screening Models	P. Nowak_Sliwinska (University of Geneva, CH)
14:30 15:00	Replacing animals in models of neurodegeneration.	G. Tyzack (The Francis Crick Institute, UK)
15:00 15:30	Gastruloids: a new system to study early developmental events in the mammalian embryo	M. Lutolf (EPFL, CH)
15:30 16:00	Fetal Bovine Serum-Past-Present-Future (+ website 260 cell lines culture medium)	J. Van der Valk (3Rs-Centre ULS, NL)

COFFEE BREAK- INDUSTRIAL EXHIBITION (30 min)

		<i>Chairpersons:</i>
16:30 17:00	«Animal welfare meets people welfare: Compassion Fatigue»	M. LaFollette (University of Purdue, USA)
17:00 17:30	Transparency communication in animal experimentation: the launch of concordat for openness	I. Buch (Basel Declaration; CH)
5 min	Take home message	SGV President

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