

Thursday 26 April

1000	Registration desk opens
1200-1300	LUNCH
1400-1500	OPENING SESSION, ROOM: MAX VOLUME
1400-1415	Opening ceremony Welcoming speech by Hanna Marja Voipio, President of FELASA
1415-1500	Karl Johan Öbrink memorial lecture: (01) <i>“Using zebrafish for studying brain function in health and in disease”</i> Emre Yaksi , The Yaksi Group, Kavli Institute for Systems Neuroscience, NTNU, Norway
1500-1530	COFFEE BREAK IN EXHIBITORS AREA
1530-1715	PLENARY SESSION QUALITY AND REPRODUCIBILITY OF ANIMAL RESEARCH ROOM: MAX VOLUME <i>Chairs: Adrian Smith & Siri Knudsen</i>
1530-1615	(02) <i>“Time to change: Study quality and publication bias of animal research causes translational failure into patient benefit”</i> Harald Schmidt , Maastricht University, The Netherlands (keynote speaker)
1615-1700	(03) <i>“The QUEST - Center for Transforming Biomedical Research”</i> Ulrich Dirnagl , Charité Universitätsmedizin Berlin, Germany (invited speaker)
1900	Get together party Barbarossa Restaurant & Bar

Friday 27 April

0900-1015	DESIGN AND DATA QUALITY ROOM: MAX VOLUME <i>Chair: Carlos das Neves</i>	WORKSHOP 1 Applied genetics in laboratory mice Group room
0900-0935	(04) “Unconscious bias in scientific research” Stuart Ritchie , University of Edinburgh, UK (invited speaker)	
0935-1015	(05) “Unstable p values are causing lack of repeatability in animal experiments” Lewis Halsey , University of Roehampton, UK (invited speaker)	
1015-1045	COFFEE BREAK IN EXHIBITORS AREA	
1045-1200	STUDY PLANNING AND QUALITY CONTROL ROOM: MAX VOLUME <i>Chair: Aurora Brønstad</i>	
1045-1125	(06) “How to plan animal experiments PREPARE before you ARRIVE” Adrian Smith , Norecopa, Norway (invited speaker)	
1125-1200	(07) “Reproducibility crisis: animal inflammation models between hype and lab reality” Jon D. Laman , University Medical Center Groningen, The Netherlands (invited speaker)	
1200-1300	LUNCH (1130-1200 for Exhibitors)	
1300-1430	ENVIRONMENTAL CONDITIONS AND REPRODUCIBILITY ROOM: MAX VOLUME <i>Chair: Hanna Marja Voipio</i>	WORKSHOP 2 Environmental health monitoring Group room
1300-1335	(08) “The 9 to 5 rodent- Time for change?” Penny Hawkins , RSPCA, UK (invited speaker)	
1335-1400	(09) “Ammonia build-up in individually ventilated cages – a hidden environmental issue with implications for animal health and research quality” Otto Kalliokoski , University of Copenhagen, DK	
1400-1430	(10) “Improper control diet choice: A common phenomenon that affects data interpretation in gut microbiota and metabolic disease research” Michal Pellizzon , Research Diet, USA	

Friday 27 April, CONTINUED

1430-1500	COFFEE BREAK IN EXHIBITORS AREA	
1500-1600	POSTER SESSION	
1600-1700	SCAND-LAS Annual meeting (AGM) ROOM: MAX VOLUME	
1700-1800	TECHNICAL TRADE PRESENTATIONS ROOM: MAX VOLUME <i>Chair: Joanna Stormark</i>	Interactive session “Where can I find 3R resources? Ask Norecopa!” Room Shuffle 1
1700-1715	<i>“Result interpretation of IVC debris capturing device testing”</i> Martin Toft, QM Diagnostics	
1715-1730	<i>“Does Relative Humidity Affect Reproducibility of Research?”</i> Claus Hedegaard Andersen, SCANBUR	
1730-1745	<i>“DVC system a revolutionary way to improve your research and facility management”</i> Giorgio Rosati, Tecniplast	
1745-1800	<i>“Behavior, enrichment and transport, the breeder's strengths”</i> Robert LeBlanc, Janvier	
1900	EXHIBITORS' EVENING <i>In the exhibitor area</i>	

Saturday 28 April

Saturday 28 April				
0900-1015	RODENT BIOLOGY AND VARIABILITY ROOM: MAX VOLUME <i>Chair: Anders Forslid</i>	ZEBRAFISH REFINEMENT AND WELFARE ROOM: SHUFFLE 1 <i>Chair: Elin Spangenberg</i>	WORKSHOP 3 Harm-Benefit analysis - Current concepts and practical approaches Group room	
0900-0930	(11) <i>“Preclinical studies and the study of gender differences”</i> Walter Malorni , Italian National Institute of Health, Italy (invited speaker)	0900-0930		(14) <i>“Recent refinements in zebrafish housing: Impact of social and environmental enrichment”</i> Kieran Pounder , University of Liverpool, UK (invited speaker)
0930-0955	(12) <i>“Aggression in laboratory mice”</i> Elin Weber , Swedish University of Agricultural Sciences, Sweden	0930-1000		(15) <i>“Refinement and welfare of zebrafish in research”</i> Stewart Owen , AstraZeneca, UK (invited speaker)
0955-1015	(13) <i>“Is it just a mouse? The importance of choosing the appropriate strain for your research”</i> Tine Larsen , Scanbur, DK	1000-1015		(16) <i>“Euthanasia of zebrafish and medaka”</i> Kristine von Krogh , Norwegian University of Life Sciences, Norway
1015-1045	COFFEE BREAK IN EXHIBITOR AREA			
1045-1200	RODENT ANAESTHESIA AND EUTHANASIA ROOM: MAX VOLUME <i>Chair: Klas Abelson</i>	REFINEMENT AND ANIMAL WELFARE ROOM: SHUFFLE 1 <i>Chair: Adrian Smith</i>	WORKSHOP 4 Recognition of pain and distress in laboratory rodents Group room	
1045-1115	(17) <i>“Severity classification of repeated isoflurane anaesthesia in mice”</i> Katharina Hohlbaum , Freie Universität Berlin, Germany (invited speaker)	1045-1115		(20) <i>“Proactive lab animal welfare from pharmaceutical industry going beyond legislation”</i> Thomas Bertelsen , NovoNordisk, Denmark
1115-1145	(18) <i>“Side effects of pain and analgesia in animal experimentation”</i> Paulin Jirkof , University of Zurich, Switzerland (invited speaker)	1115-1135		(21) <i>“Where to go with the experimental animals after the trial?”</i> Mechthild Ladwig-Wiegard , Freie Universität Berlin, Germany
1145-1200	(19) <i>“Comparison of two different types of pentobarbital solution for the euthanasia of laboratory mice”</i> Stefanie Kolstrup , The University of Southern Denmark	1135-1200		(22) <i>“Barriers, behaviors and beliefs related to the 3Rs – a survey among researchers in Sweden”</i> Per E Ljung , The Swedish 3R Center, Sweden

Saturday 28 April, continued

1200-1300	LUNCH (1130-1200 for Exhibitors)	
1300-1400	COMMUNICATION AND AWARENESS ROOM: MAX VOLUME Chair: <i>Siri Knudsen</i>	WS 5 Health monitoring (Surrey diagnostics) Group room
1300-1330	(23) <i>“Communication and awareness in wildlife research”</i> Carlos das Neves , UiT-Arctic University of Norway (invited speaker)	
1330-1400	(24) <i>“Animal Research: Time to talk, time to educate?”</i> Kirk Leech , European Animal Research Association (EARA)	
1400-1500	SEVERITY CLASSIFICATION ROOM: MAX VOLUME Chair: <i>Adrian Smith</i>	
1400-1500	(25) <i>“Severity classification – curse or blessing?”</i> Anne Zintzsch , Max-Delbruck-Center for Molecular Medicine, Berlin (invited speaker)	
1500-1530	COFFEE BREAK IN EXHIBITORS AREA	
1530-1715	PLENARY CLOSING SESSION ROOM: MAX VOLUME Chair: <i>Klas Abelson</i>	
1530-1615	(26) <i>“Replacing vague speculation of societal benefits with a more plausible forecast of knowledge in the „Harm-Benefit-Analysis“ in project evaluation”</i> Matthias Eggel , University of Veterinary Medicine, Vienna (invited speaker)	
1615-1700	(27) <i>“The 3Rs in research: a contemporary approach to replacement, reduction and refinement”</i> Judy MacArthur Clark , UK Government International 3Rs Programme, JMC Consultancy, UK (invited speaker)	
1700-1715	Closing remarks	
1930	CONFERENCE DINNER	