

## DETAILED PROGRAMME FELASA 2016

### LEGEND TO THE PROGRAM

This program is chronological, per half day of the program

**Hall**

Plenary lectures are indicated in red field

**room #**

White text on purple indicates that pre-registration is recommended (online or reception)

### Monday 9:00-10:30

211&212	OSAB1	<b>The ABC of standards of education and training in Europe</b>	Marcel Gyger	FELASA ABET
---------	-------	---	--------------	-------------

### Monday 10:30-12:00

Copper Hall	OF6M	<b>Animal Welfare Body – how to realise its potential</b>	<i>Penny Hawkins &amp; David Anderson</i>	
	OF6M1	The Animal Welfare Body and its tasks	David Anderson	Advisor to European Commission
	OF6M2	The role of the National Committees in supporting the AWB	Michael Gaynor	Irish National Committee
	OF6M3	Jump-starting' the implementation of Animal Welfare Bodies in Portugal: a challenge for all stakeholders	Nuno Franco	Universidade do Porto
	OF6M4	Aware of quality: risk based quality assurance in the academic setting	Peternella Verhave	Utrecht University
	OF6M5	Implementing the AWB in the UK - developing a culture of care with the Animal Welfare and Ethical Review Body (AWERB)	Penny Hawkins	RSPCA
Silver Hall	OE1M	<b>Education and Training of Animal Care Staff</b>	<i>Marlies Leenaars</i>	
	OE1M1	Provision of Training, Education and Qualification for Animal Care Staff	Ken Applebee	Institute of Animal Technology (IAT)
	OE1M2	Clinical monitoring in a 45 000 mice breeding facility	Isabelle Da Cruz	ICS
	OE1M3	Education and Training at the Central Animal Facility Groningen	A. Smit-van Oosten	UMCG-CDP
211&212	OA9M	<b>What happens inside? Which imaging technology for my research?</b>	<i>Jordi Lopez Tremoleda &amp; Ann-Christine Eklof</i>	
	OA9M1	Preclinical and Translational Imaging	Sally-Ann Emmas	AstraZeneca
	PA94	A novel approach allows repeated rapid arterial blood sampling in rodents and results in a reduction of animal use in quantitative PET imaging	Jurgen Sijbesma	University Medical Center Groningen
	PA42	Rat brain volumetric differences related to domestication. In vivo 7T MRI study in wild rats vs. albino and pigmented laboratory rats	Marlena Kaminska	Polish Academy of Sciences
	PA90	The effect of cage height on bone density of growing Wistar rats	Ismene Dontas	University of Athens
	OA9M2	Imaging neuroinflammation in neurotrauma models: impact on translational studies	Jordi Tremoleda	Queen Mary University London

### Monday 11:10-12:00

213&215	OSEAR	<b>Animal Research in Europe - landscape and challenges</b>	Paul Damecourt	Vae Solis Consultancy
---------	-------	---	----------------	-----------------------

### Monday 13:00-14:00

Copper Hall	Opening	<b>Opening session</b>	<i>BCLAS, NVP, BV, FELASA</i>	
Silver Hall streaming	Key note	Human or inhuman?	Bas Heijne	journalist and writer

**Monday 14:00-15:30**

Copper Hall	OA7M	<b>Microbiota and animal models</b>	<i>Marion Berard &amp; Axel Kornerup Hansen</i>	
	OA7M1	The mouse gut microbiome revisited: from complex diversity to model ecosystems	Thomas Clavel	Technical University
	OA7M2	The impact of diet and gut microbiota modulation on disease expression in experimental animal models	Denis Nielsen	University of Copenhagen
	OA7M3	Sensitivity to oxazolone induced dermatitis can be transferred with the gut microbiota between mice	Line Zachariassen	University of Copenhagen
	OA7M4	The impact of the microbial diversity on the colitis phenotype in a bone marrow chimera model	Inga Bruesch	Hannover Medical School
	OA7M5	Intestinal immune response of human microbiota-colonized C57BL/6 mice differs from that of mice colonized with a murine microbiota	Randi Lundberg	Taconic Biosciences
	OA7M6	Luminal and wall-adhered gut commensal microbiota changes after <i>Salmonella enterica</i> serovar Typhimurium LT2 inoculation in rats	Marina Clotas	Universitat Autònoma de Barcelona
Silver Hall	OE6S	<b>Mutual recognition of personnel qualifications</b>	<i>Klas Abelson &amp; David Smith</i>	
	OE6S1	A Common European Education and Training Framework – is Mutual Recognition Achievable?	David Smith	ETPLAS
	OE6S2	NCLASET – Nordic Consortium for LAS Education and Training	Nikkola Matti	NCLASET
	OE6S3	Teaching, training and assessment of practical skills - the challenge of harmonisation	Klas Abelson	University of Copenhagen
	OE6S4	Education in Primate Research: The EUPRIM-Net Laboratory Animal Science Course	Valeska Stephan	German Primate Center
211&212	OE4S	<b>Moving lab animals</b>	<i>Nicolas Dudoignon</i>	
	OE4S1	Primate Transport: Refining the animals' experience	Paul Honess	Bioculture Group
	OE4S2	The Last Airline Flying	Kirk Leech	EARA
	OE4S3	MoU for a closer collaboration between Air France and French research	Ivan Balansard	GIRCOR
213&215	OS7WE	<b>The Vital Role In Vivo Research Plays in Drug Discovery – Personal Experiences From Today's Translational Science</b>	R.Cortese, Okairos & L.Guidotti, Ospedale San Raffaele	

**Monday 16:15-17:45**

Copper Hall	OE2M	<b>Implementation of Dir 2010/63: status and challenges</b>	<i>Dolores Bonaparte &amp; Martje Fentener van Vlissingen</i>	
	OE2M1	Identifying and overcoming "Grey Zones" arising from the implementation of Directive 2010/63/EU	Dolores Bonaparte, et al	EFPIA, FELASA, ESLAV task force implementation
Silver Hall	OE8M	<b>International Accreditation of Programmes: A Tool for Harmonization</b>	<i>Javier Guillen</i>	
	OE8M1	The Use of Performance Standards for the Accreditation of Animal Care and Use Programmes	Javier Guillen	AAALAC International
	OE8M2	Global Harmonization of Performance-Based Standards in a Contract Research Organization	Lynn Anderson	Covance
	OE8M3	Implementation of performance standards as key drivers for improving animal welfare and harmonizing practices in the pharmaceutical industry	Violeta Solis	GlaxoSmithKline
	OE8M4	Accreditation of animal care and use to leverage the harmonization of animal welfare	Thierry Decelle	Sanofi
211&212	OD2S	<b>Good care practice for aquatic species: zebrafish and Xenopus spp</b>	<i>J-P Mocho</i>	
	OD2S1	How poor nutrition or feeding practice impact aquatic animals health	Emmanuel Leguay	Vetofish
	OD2S2	How to manage the water quality	J-P Mocho	The Francis Crick Institute
	OD2S3	Health monitoring in fish and amphibians	Ronald de Boer	QM Diagnostics
213&215	OA10W	<b>Imaging</b>	<i>Jordi Lopez Tremoleda &amp; Ann-Christine Eklof</i>	
	OA10W1	Seeing more matters: A short introduction to Ultrasound imaging in preclinical research with a focus on Reduction and Refinement.	Sandra Meyer	FUJIFILM VisualSonics Inc
	OA10W2	Introduction to Optical and Multimodal Imaging In Vivo: 2D and 3D Imaging of Luminescent and Fluorescent Signals in Combination with $\mu$ CT and PET Imaging Data	Ronald Koop	PerkinElmer
	OA10W3	MRI for preclinical research	Martin Ilg	Bruker BioSpin MRI
	OA10W4	Practical experimental and welfare considerations for preclinical imaging	Jordi Tremoleda	Queen Mary University London
216	OC5W	<b>Classification and reporting of severity</b>	<i>David Smith &amp; David Anderson</i>	
	OC5W1	Classification and Reporting of Severity - an interactive workshop to examine the process and challenges of achieving consensus	David Anderson	LASA, UK

**Tuesday 8:00-9:30**

Copper Hall	OA1M	<b>Genetic modification – technologies and pitfalls</b>	<i>Boris Jerchow &amp; Marcello Raspa</i>	
	OA1M1	Genetic Engineering in Biomedical Research: Three Decades of in-vivo Models Culminating in CRISPR/Cas9 Technology	Boris Jerchow	Max Delbrück Center
	OA1M2	Passenger mutations confound interpretation of all congenic knockout mice	Tom Van-den Berghe	Ghent University
	OA1M3	Epigenetics can influence fertility and health in offspring	Ann Van Soom	Ghent University
	OA1M4	Functional relevance of the non-coding genome in the establishment of the phenotype	Lluís Montoliu	CNB-CSIC & CIBERER-ISCIII
Silver Hall	OB6S	<b>From comparative medicine to animal models</b>	<i>Stefanie Schindler &amp; Vladimir Popov</i>	
	OB6S1	Animal models of pain: anatomy, physiology and comparative considerations	Adalberto Merighi	University of Turin
	OB6S2	Scrapie prions: etiological agents of sporadic Creutzfeldt-Jakob disease in humans?	Herve Cassard	ENVT and INRA
	OB6S3	The Horse as Model for Osteoarthritis Research – Research Tools vs. Stakeholders	Annemarie Lang	Charité University Berlin, Medicine
211&212	OF7S	<b>Global animal welfare and use strategy fostered by global companies</b>	<i>Tania Boden &amp; J-P Mocho</i>	
	OF7S1	Drivers and Barriers for the implementation of 3Rs Principle. An industry perspective	Laura Viviani	GlaxoSmithKline
	OF7S2	An industry approach to animal welfare – Novo Nordisk bioethical set-up is now also including a dedicated 3R Department to ensure a strategic approach	Kirstine Ovlisen	Novo Nordisk
	OF7S3	Animal Welfare Bodies and IACUC – One International Laboratory Animal Breeder’s Approach to Common Oversight Challenges across a Distinct Regulatory Landscape	Sandra Buhl	Taconic Biosciences
	OF7S4	The importance of global standards and principles to ensure high animal welfare and good collaboration when working with external partners	Jesper Hansen	Novo Nordisk
213&215	OA4S	<b>3Rs in toxicology</b>	<i>Annie Delaunois &amp; Gianni Dal Negro</i>	
	OA4S1	Application of the 3Rs in regulatory toxicology	Sally Robinson	AstraZeneca UK
	OA4S2	Comprehensive in vitro Proarrhythmia Assay (CiPA) testing paradigm: an opportunity to apply the 3Rs	Jean-Pierre Valentin	UCB Pharma
	OA4S3	Animal-free methods for better understanding toxicity in humans	Erwin Roggen	3Rs Management & Consulting ApS
214&216	OD7W	<b>Operational challenges of Germ Free models development</b>	<i>Marion Berard &amp; Catriene Thuring</i>	
	OD7W1	Implementation of a Gnoto/Axenic Facility: a case report from the Instituto Gulbenkian de Ciência	Joana Bom	Instituto Gulbenkian de Ciência
	OD7W2	Gnotobiotic Unit at the Central Animal Facility and Institute for Laboratory Science of the Hannover Medical School	Marijana Basic	Institute for LAS
	OD7W3	Maintaining and Monitoring the Microbiological Status of Gnotobiotic Rodents	Silke Glage	Hannover Medical School
	OD7W4	Use of Hermetically Sealed, HEPA-Filtered, Positive-Pressure Cages for Experiments with Gnotobiotic Mice	Charlie Hsu	University of Washington
201	OE7W	<b>e-Learning</b>	<i>Ann-Christine Eklof &amp; Marcel Gyger</i>	
	OE7W1	E-learning resources to meet the requirements of the EU 2010/63	Paul Flecknell	Newcastle University
	OE7W2	Meet the need: education for laboratory animal science as recommended by the EU using the online learning tool LAS interactive	Nicole Linklater	Philipps-Universität Marburg
		Discussion on accreditation of elearning courses	FELASA ABET and course organisers	

**Tuesday 10:15-11:45**

Copper Hall	OE3M	<b>Roles and competences of designated veterinarians</b>	<i>Ghislaine Poirier &amp; Klas Abelson</i>	
	OE3M1	European framework for training veterinarians in Laboratory Animal Medicine: Developing cohesive training approach from Day-One competency to Dip(ECLAM)	Ghislaine Poirier	ECLAM
	OE3M2	The French veterinary specialization in Laboratory Animal Science and Medicine: a status report	Delphine Denais-Laliève, IRSN	
	OE3M3	The FELASA accredited online educational programme for the competent designated veterinarian in laboratory animal facilities	Axel Kornrup Hansen	University of Copenhagen
Silver Hall	OC3M	<b>Automated welfare/behavior monitoring</b>	<i>Kris Meurrens</i>	
	OC3M1	Monitoring rodent behavior in a home cage environment: automation enhances research quality, efficiency and animal welfare	Lucas Noldus	Information Technology BV,
	OC3M2	Experiences from using sensor technology in measuring behaviour for production animals at farm level and in the production chain	Kees Lokhorst	Wageningen UR Livestock Research
	OC3M3	Physical basics of the Electromagnetic Fields (EMF) that surround us; what are they, how do they occur? Can this phenomena be used to help with our culture of care?	John Hasenau	Lab Animal Consultants
	OC3M4	Exposure of mice to low intensity EMF	Camilla Recordati	Veterinary Pathologist
211&212	OC6S	<b>What zebrafish tell us...: do's and don't?</b>	<i>J-P Mocho</i>	
	OC6S1	The perennial debate on applying animal welfare standards to fish and the implications for fish husbandry and procedures	Paul Schroeder	Animal & Plant Health Agency, UK
	OC6S2	Exploring suitable analgesics in zebrafish - a combined approach	Paul Schroeder	Animal & Plant Health Agency, UK
	OC6S3	Bringing the 3Rs to the zebrafish	J-P Mocho	The Francis Crick Institute
	OC6S4	Relevant environmental enrichment for laboratory fish - a review	Paul Schroeder	Animal & Plant Health Agency, UK
213&215	OA5W	<b>Values and Limitations of Animal Models</b>	<i>Javier Guillen &amp; Dirk Wedekind</i>	
		Update on the European Commission Conference "Non-Animal Approaches - The Way Forward" of 6-7 December 2016	Susanna Louhimies	European Commission
	OA5W1	Enhancing reproducibility of in vivo preclinical research: The Innovative Medicines Initiative Collaborative model	Elisabetta Vaudano	Innovative Medicines Initiative
	OA5W2	The value of animal models and their limitations: The minipig	Claudia Senn	Roche Innovation Center
	OA5W3	Animals in Basic Research: Modeling Human Congenital Malformations in Mice	Aimee Zuniga	University Of Basel Medical Faculty
214&216	OE5S	<b>Implementation and accreditation of LAS courses according to the Directive</b>	<i>David Smith &amp; Peter Bollen</i>	
	OE5S1	Best practices and implementation of the 3Rs in FELASA accredited courses based on an audits' retrospective analysis	Martine Kolf-Clauw	FELASA Accreditation Board for Education & Training
	OE5S2	FELASA Accreditation of Education and Training Courses in Laboratory Animal Science: what does the past tell us and how will the future look like	Marcel Gyger	
	OE5S3	The impact and perception of FELASA Accreditation in Europe	Ana Isabel Santos	
	OE5S4	Quality system of Laboratory Animal Science education in an academic setting	Rene Tolba	RWTH Aachen University
	OE5S5	One World – The Influence of Shared European Values on LAS in Africa: Harmonisation of Ethics, Standards, Education, Training, Accreditation and Regulated Procedures	Bert Mohr	University of Cape Town
201	OS3WE	<b>Advanced Cryopreservation Methods: New Ways to Manage GM Mouse Colonies</b>		
	OS3WE1	Advanced Cryopreservation Methods: New Ways to Manage GM Mouse Colonies	Robert Taft	The Jackson Laboratory
	OS3WE2	Reproductive sciences: another method to manage your breeding of transgenic rodents	Casper Caspersen	Janvier Labs
204	OS2WE	<b>Successful maintenance of a rodent colony to support oncology</b>	Stephen Hillen & Graham Tobin Envigo	

**Tuesday 11:45-12:45**

Copper Hall	Key note	<b>Scientific key note</b>	<i>Martje Fentener van Vlissingen</i>	
Silver Hall streaming		Creating a comprehensive catalogue of mammalian gene function in the mouse	Steve Brown	MRC Harwell

**Tuesday 14:15-15:45**

Copper Hall	OD3M	<b>Diets - can we control the bias?</b>	<i>Ann-Christine Eklof &amp; J-P Mocho</i>	
	OD3M1	Quality Control of Diets. Testing of nutrients and contaminants for GLP and other studies: past, present and future	Graham Tobin	Envigo
	OD3M2	Control diet in trial: comparison with standard or customized diets?	Dominique Martel	SAFE
	OD3M3	Minimizing the risk of introducing parvovirus through food by irradiation or autoclavation	Wieke de Bruin & Esther van de Ven, QM Diagnostic	
Silver Hall	OF2S	<b>Public Opinion</b>	<i>Martje Fentener van Vlissingen &amp; Kirk Leech</i>	
	OF2S1	The ECI on animal research. Can myths shape debate on Directive 2010/63? Example of a European Citizens Initiative	Magda Chlebus	EFPIA
	OF2S2	Speaking of Research	Kirk Leech	EARA
	OF2S3	What do people working with animals in research think about other uses of animals in society?	Norman Mortell	Agenda Life Sciences
213&215	OA2S	<b>Optimising the validity of behavioural laboratory animal science</b>	<i>Clare Stanford &amp; Vladimir Popov</i>	
	OA2S2	Unintended variables for Animal Welfare Bodies to consider when assessing experiments involving behavioural tests	Anne-Marie Farmer	University of Cambridge
	OA2S1	Guiding Principles in Behavioural Laboratory Animal Science	Clare Stanford	University College London
	OA2S3	Effect of housing environment on the emotional state and welfare of laboratory mice	Elin Spangenberg	Swedish University of Agricultural Sci.
	OA2S5	Effects of Reversing Light-Dark Cycle Following Transfer and Re-housing, on Behavioural and Physiological Parameters in Rats	Johanna Arts	Envigo
214&216	OD1S	<b>Cephalopods as Laboratory Animals – Back to the Future</b>	<i>Livia D'Angelo</i>	
	OD1S1	Cephalopods as Laboratory Animals: from classical 'use', to Guidelines and towards mandated minima	Graziano Fiorito	Stazione Zoologica Anton Dohrn
	OD1S2	Training and certification for the collection of wild cephalopods	Joao Pereira	Instituto Português do Mar
	OD1S3	A strategy to approach 'welfare' assessment in cephalopods: the case of the common octopus ( <i>Octopus vulgaris</i> )	Lars Stein	Institute of Marine Research
	OD1S4	Experiments with Cephalopods: from best practice and protocols to 'procedures'	Ludovic Dickel	Université de Caen
	OD1S5	Developing training opportunities for cephalopods: the CephInAction experience	Viola Galligioni	FNUSA-ICRC, Brno
201	OS6WE	<b>How Automated EMF Home Cage Monitoring supports both Science and Animal Welfare</b>	Tecniplast (multiple speakers)	

**Tuesday 16:30-18:00**

Copper Hall	OA8S	<b>Translational Relevance of Animal Models</b>	<i>Gianni Dal Negro &amp; Jan-Bas Prins</i>	
	OA8S1	Improving translational qualification of Discovery R&D animal studies	Joanne Storey	GlaxoSmithKline
	OA8S2	The translation-standardisation paradox: on the added-value of translational strategies	Frans Stafleu	Ethics Institute Utrecht University
	OA8S3	Aquatic models – The “world” of aquatic animal models behind zebrafish	Hugo Santos	CIIMAR
	OA8S4	Challenges for modelling traumatic injury: from Bench to Bedside and Back	Jordi Tremoleda	Queen Mary University London
Silver Hall	OF1M	<b>Public communication</b>	<i>Martje Fentener van Vlissingen &amp; Kirk Leech</i>	
	OF1M1	Animal Research: Time to Talk!	Kirk Leech	EARA
	OF1M2	GIRCOR - Who are we? Missions and commitments	Ivan Balansard	GIRCOR
	OF1M3	Research4Life: an Italian platform for science advocacy	Giuliano Grinashi	Research4Life
	OF1M4	Informing the public on animal research	T. Coenen, W. Frieling, M. Fentener, SID	
	OF1M5	The Basel Declaration Society, a network of scientists campaigning for the necessity of continued animal experimentation	Aimee Zuniga	Basel Declaration Society
	OF1M6	Improving public communication on animal research in the UK	Wendy Jarrett	CEO UAR
211&212	OC4S	<b>Welfare and severity assessment tools</b>	<i>J-P Mocho &amp; Kris Meurrens</i>	
	OC4S1	AWAG: an easy to use software system for assessing the lifetime experience of animals	Mike Dennis	Public Health England
	OC4S2	Validation of a novel biomarker of cumulative experience of non-human primates involved in biomedical research	Colline Poirier	Newcastle University
	OC4S3	Refinement in NHP models: An innovative automated tool to assess cognitive abilities in group-housed macaques	Fanelie Wanert	Silabe ADUEIS
	OC4S4	The institution implemented a guidance for the use of scientists, technicians and animal care personnel to implement a harmonized approach to actual severity	Sophie Picavet	GlaxoSmithKline
213&215	OC5W	<b>Classification and reporting of severity</b>	<i>David Smith &amp; David Anderson</i>	
	OC5W1	Classification and Reporting of Severity - an interactive workshop to examine the process and challenges of achieving consensus	David Anderson	LASA, UK
214&216	OS4WE	<b>Criticality of Genetic Quality in Genetically Modified Animal Models</b>	Taconic, by Ana Perez and Michelle Simon, MRC Harwell	
201	OS9WE	<b>Challenges and possibilities for sterilizers in BioContainment applications</b>	Joakim Larsson	Getinge

**Wednesday 8:00-9:30**

Copper Hall	OF5M	<b>Rehoming animals used for regulated procedures</b>	<i>C. Moons, K. Hermans</i>	
	OF5M1	Rehoming of laboratory animals – analyzing animal welfare pitfalls and presenting possibilities	C. Moons, K. Hermans Ghent University	
	PF04	Selection and preparation of beagle dogs for re-homing	Piet Dierckx	Janssen Pharmaceutica
	OF5M3	Implementing Directive 2010/63/EU and rehoming of animals used in research: UK experience	Kim Willoughby	Home Office, UK
Silver Hall	OD5M	<b>Health Monitoring of rodents</b>	<i>Dirk Wedekind</i>	
	OD5M1	Revised Recommendations for the Health Monitoring of Rodent and Rabbit Colonies - FELASA Working Group (2014)	Marcello Raspa & Jan-Bas Prins	
	OD5M2	Contemporary approaches to optimal rodent health monitoring	Massimo Foa	Idexx Bioresearch
	OD5M3	Exhaust Air Dust Monitoring is Superior to Soiled Bedding Sentinels for Detection of <i>Pasteurella pneumotropica</i> in Individually Ventilated Cage Systems	Manuel Miller	Helmholtz Zentrum
	OD5M4	High-Resolution Melting Curve Analysis for Identification of Pasteurellaceae Species in Experimental Animal Facilities	Markus Brielmeier	Helmholtz Zentrum
211&212	OB2S	<b>Use of NHP in biomedicine</b>	<i>Jan Langermans</i>	
	OB2S1	Non-human Primates in Research	Jan Langermans	BPRC
	OB2S2	Vaccine Development Using Non-Human Primate Models: Bridging One Health and Biomedical Science Through a Translational Research Program	Diana Scorpio	NIH
	OB2S3	The need for better justification of research using non-human primates	Ian Ragan	NC3Rs
	OB2S4	Validation of a Multiplex Antibody Diagnostic Test for Tuberculosis in NHP	Rajeev Dhawan	Charles River Laboratories
213&215	OB7S	<b>Working in high biocontainment (level 3-4)</b>	<i>Juan Rodriguez</i>	
	OB7S1	Challenges of Working with Large Animals in a High-Containment Facility	Daniel Kumin	IVI
	OB7S2	Practical and Operating Issues of Autoclaves associated with High Containment Facilities	Heather Sheeley	Public Health England
	OB7S3	IVC biocontainment units and suitable bio-cabinets	Patrick Hardy	Allentown
214&216	OA6S	<b>Sharing information: fewer experiments for more knowledge</b>	<i>Jan van der Valk &amp; Jan-Bas Prins</i>	
	OA6S1	Data sharing: Convert challenges in opportunities	Ana Sofia Figueiredo	Otto von Guericke University
	OA6S2	3Rs databases: a shared responsibility for the common cause?	Maite van Gerwen	3Rs-Centre Utrecht Life Sciences
	OA6S3	Randomised block (RB) experimental designs should replace completely randomised (CR) designs in animal research	Michael Festing	Consultant
201	OC5W	<b>Classification and reporting of severity</b>	<i>David Smith &amp; David Anderson</i>	
	OC5W1	Classification and Reporting of Severity - an interactive workshop to examine the process and challenges of achieving consensus	David Anderson	LASA, UK

### Wednesday 10:15-11:45

Copper Hall	OF11M	<b>Culture of care: challenging the status quo</b>	<i>Thomas Bertelsen &amp; David Anderson</i>	
	OF11M1	Culture of Care – from words to action	Susanna Louhimies	European Commission
	OF11M2	Understanding the needs to develop and implement a culture of care	Kirsty Reid	Eurogroup for Animals
	OF11M3	How to measure Culture of Care as in indicator of animal welfare	Thomas Bertelsen	Novo Nordisk
	OF11M4	Small Refinements = Large Enhancements to Science and Animal Welfare Optimizing the conduct and implementation of animal studies	Susanne Rensing	Abbvie Deutschland
	OF11M5	Questionnaires developed from focus interviews in Danish laboratory animal facilities revealing striking differences between public and private sector scientists on the 3Rs	Jesper Lassen	University of Copenhagen
Silver Hall	OD6M	<b>Health Monitoring of zebrafish</b>	<i>J-P Mocho</i>	
	OD6M3	Environmental and ante mortem samples for zebrafish health monitoring and quarantine	Marcus Crim	Idexx Bioresearch
	OD6M1	Monitoring health of zebrafish	J-P Mocho	The Francis Crick Institute
	OD6M2	Analysis of a Zebrafish Health Program allows characterization of the most prevalent signs, lesions and pathogens in a research facility and quarantine policy efficacy	Ana Borges	Instituto Gulbenkian de Ciência
	OD6M4	RESAMA: an aquatic research facility health monitoring network	Emmanuel Leguay, Vetofish Frederic Sohm, AMAGEN	
211&212	OD9S	<b>What's new in Occupational Health and Safety?</b>	<i>Catriene Thuring</i>	
	OD9S3	Pathogen Contamination of Human Tumors and Patient-derived Xenografts	Robert Livingston	Idexx Bioresearch
	OD9S1	Critical Elements in the Occupational Health and Safety Program: The AAALAC International Perspective	Kathryn Bayne	AAALAC International
	OD9S2	Laboratory Animal Allergy (LAA) Program: Risk Based Assessment Process to Control Exposure	Guy de Vroey	Janssen R&D
	OD9S4	The Human in the animal facility: Keep healthy by awareness and recognition of danger	Marc Fluttert	University of Leiden
213&215	OB1S	<b>3Rs and severity affected by biocontainment of pathogens</b>	<i>Juan Rodriguez</i>	
	OB1S1	Is biocontainment of non-human primates incompatible with animal welfare?	Mats Spangberg	Karolinska Institutet
	OB1S2	Review of welfare management and refinement implementation: constraints in different levels of containments for rodents, carnivores and agricultural species	M.-L. Cortes-Dubly, Merial R&D E. Ecuer, Sanofi-Pasteur	
214&216	OF10W	<b>Facility Management Team</b>	<i>Mathew Sanderson &amp; Martje Fentener van Vlissingen</i>	
	OF10W1	How Facility Management can assure compliance and Governance helping you to sleep easier at night?	Mathew Sanderson	Agenda Lifescience Europe
201	OS1WE	<b>Integrating Environmental Sampling into Animal Health Monitoring</b>	Lela Riley, Robert Livingston Idexx Bioresearch	

### Wednesday 11:45-12:45

Copper Hall	Key note	<b>FELASA award lecture</b>	<i>FELASA</i>	
Silver Hall streaming		Education, training and learning - some personal reflections	Bryan Howard	FELASA Award winner



**Wednesday 14:15-15:45**

Copper Hall	OB4M	<b>LAS and Societal Issues</b>	<i>J-P Mocho</i>	
	OB4M1	Over nutrition: a societal issue that affects our animals	Charlotte Bjornvad	University of Copenhagen
	OB4M2	Environmental issues: should users have concerns with Lab Animal diet?	Dominique Martel	SAFE
	OB4M3	Making Replacing Primate Experiments Possible: Unconventional Recommendations of how to Progress	M. Hudson-Shore	FRAME
Silver Hall	OA3S	<b>Scientific reporting - LAL seminar</b>	<i>Beat Riederer &amp; Marlies Leenaars</i>	
	OA3S1	How to publish in Laboratory Animals, the official Journal of FELASA	Beat Riederer	Laboratory Animals
	OA3S2	Link between quality of reporting and evidence-based approach of systematic reviewing in animal research	Marlies Leenaars	SYRCLE
	OA3S3	Good Reporting Practice for Manuscripts in the Life, Health, Veterinary, and Agricultural Sciences	Arieh Bomzon	ConsulWrite
	OA3S4	Scientific writing in Laboratory Animal Science - Point-of view of a researcher	Paulin Jirkof	University Hospital Zurich
211&212	OC2S	<b>3Rs in Parkinson's disease research</b>	<i>Annie Delaunois</i>	
	OC2S1	Development of a method to examine the therapeutic potential of non-dopaminergic drugs in the unilateral 6-OHDA-lesioned rat model of Parkinson's disease	Anne Michel	UCB Pharma
	OC2S2	Non-Human Primate research to support development for novel pharmacological treatment of Parkinson's Disease	Enrique Rodriguez	Encepharm
	OC2S3	Behaviour and neurophysiology in the validated MPTP marmoset model for idiopathic Parkinson's disease	Ingrid Philippens	BPRC
213&215	OSFE1	<b>FELASA on the way to the future</b>	<i>Ana Isabel Moura Santos &amp; Ann-Christine Eklof</i>	
	OSFE11	FELASA today and tomorrow - a growing pan-European scientific network	Heinz Brandstett	FELASA
	OSFE12	Impact of FELASA working groups on animal welfare and experimental research	A-C Eklof	FELASA
	OSFE13	International Liaisons: FELASA projection beyond European boundaries	Belen Pintado	FELASA
	OSFE14	AALAS – FELASA: Partnering Across the Big Pond	Ann Turner	AALAS
	OSFE15	ICLAS-FELASA collaborations and achievements	Patri Vergara	ICLAS
214&216	OF9W	<b>Institutional transparency</b>	<i>Bella Williams &amp; Martje Fentener van Vlissingen</i>	
	OF9W1	Experiences of openness: how the Concordat on Openness works in the UK	Bella Williams	UAR
		Practical experiences with delivering the Concordat	Norman Mortell, Heather Sanders & Alan Hart	
	OF9W2	Critics welcome! Public communication on animal experiments and 3Rs	Harry Blom	Utrecht University
201	OS8WE	<b>A review of the evolution of animal health surveillance</b>	A. Kerton, ICL, S. Durand & K. Henderson, Charles River	

**Wednesday 16:30-18:00**

Copper Hall	OC7M	<b>Defining humane endpoints</b>	<i>J-P Mocho</i>	
	OC7M1	Humane end points: help or hindrance	Alex Vugler	UCB Pharma
	OC7M2	Assessing the potential for pain in invertebrates	Robert Elwood	Queen's University Belfast
Silver Hall	OD8M	<b>Laboratory animal facilities designed to add value and cut costs</b>	<i>Juan Rodriguez</i>	
	OD8M1	Lean, Green and Clean – Approaches to Vivarium Design that will save you operational cost and environmental impact	Jeffrey Zynda	Perkins + Will
	OD8M2	How Lean can support efficiency of Laboratory Animal facilities operations	Alberto Gobbi	European Institute of Oncology
	OD8M3	Evaluation of the Toxicity and Potential Oncogenicity of Power Frequency (50/60 Hz) Magnetic Fields in Models Used for Hazard Identification and Safety Assessment	David McCormick	IIT Research Institute
	OD8M4	Technology as aid to effectively address the stink about ammonia	Jan-Bas Prins	Leiden University Medical Centre
213&215	OF3S	<b>Statistical reporting and NTSs (transparency by Directive)</b>	<i>Susanna Louhoumies &amp; David Anderson</i>	
	OF3S1	Improving statistical data on animal use in the EU	Susanna Louhoumies	European Commission
	OF3S2	Spanish experience reporting under art.54.2 of Directive 2010/63/EU	Pilar Leon	MAGRAMA, Spain
	OF3S3	Users experience, good practice and challenges to implement new statistical reporting under Directive 2010/63/EU	Sally Robinson	AstraZeneca UK
	OF3S4	A review of EU non-technical summaries; good and bad practices	Katy Taylor	ECEAE
	OF3S5	Germany's web-based solution for publishing non-technical summaries	Justyna Chmielewska	Federal Institute for Risk Assessment
214&216	OE9S	<b>National and International 3Rs programmes and reference labs</b>	<i>Klas Abelson</i>	
	OE9S1	NC3Rs: Pioneering better science through application of the 3Rs	Katie Lidster	NC3Rs
	OE9S2	A presentation of the Danish 3R-Center, its organisation, mission, tasks, projects and future plans, with a special focus on the funding of 3R-research project	Tom Bengtsen	Danish 3R Center
	OE9S3	Norecopa: Guidelines, databases and other 3R-resources for animal research	Adrian Smith	Norecopa
	OE9S4	EPAA, a partnership to facilitate regulatory acceptance of alternative methods	Gianni Dal Negro	GlaxoSmithKline
201	OS5WE	<b>Health monitoring sample collection - 3R innovative, non-terminal techniques</b>	A. Udobi, M. Foa, Idexx Bioresearch	

**Thursday 9:00-10:30**

Copper Hall	OC1S	<b>3Rs in immunology</b>	<i>Annie Delaunois</i>	
	OC1S1	The 3Rs and animal models involved in immunology research	Gillian Watt	UCB Pharma
	OC1S2	3Rs in vaccines manufactures: a strategic focus, more than a moral and legal obligation	Denis Lambrigts	GSK Vaccines
	OC1S3	Comparative cytokine and Toll-like receptor gene expression profile in mucosal-like mast cells derived from B6.129P2-II10tm1Cgn/J (IL-10 KO) and C57BL/6J (WT) mice	Roberto Riquelme	Universitat Autònoma de Barcelona
Silver Hall	OD10S	<b>Training NHP and Large Animals for better science, safety and welfare</b>	<i>Benjamin Bodart</i>	
	OD10S1	PRIMTRAIN: A COST Action for training and animal behavioural management in non-human primates and other large laboratory animals	Valeska Stephan	German Primate Center
	OD10S2	Never wrestle with a pig...	Dorte Sorensen	University of Copenhagen
	OD10S3	Passive desensitisation in non-human primates leads to a better result in operant conditioning	Annet Louwerse	BPRC
	OD10S4	Preparing dogs for study life: improving welfare, efficiency and data output	Laura Hall	University of Stirling
211&212	OF8S	<b>LAS with the Wild</b>	<i>Martje Fentener van Vlissingen</i>	
	OF8S1	Regulating the scientific use of wild, feral and free-living animals in the UK	Kim Willoughby	Home Office, UK
	OF8S2	Wildlife research in practice	Arie van Noordwijk	Netherlands Institute of Ecology
213&215	OC5W	<b>Classification and reporting of severity</b>	<i>David Smith &amp; David Anderson</i>	
	OC5W1	Classification and Reporting of Severity - an interactive workshop to examine the process and challenges of achieving consensus	David Anderson	LASA, UK

**Thursday 11:15-12:45**

Copper Hall	OB5M	<b>Epilepsy: a model of comparative medicine</b>	<i>Annie Delaunois</i>	
	OB5M1	Challenges and opportunities in therapy of human epilepsy	Rafal Kaminski	UCB Pharma
	OB5M2	Epilepsy and seizure dogs: to live again...	Mark van Gelder	Hachiko
	OB5M3	Opportunities for improving animal welfare in rodent models of epilepsy and seizures	Katie Lidster	NC3Rs
	OB5M4	Harm-benefit analysis in epilepsy models	Kate Chandler	Home Office, UK
Silver Hall	OF4S	<b>Harm-Benefit analysis in a global context</b>	<i>Aurora Bronstadt &amp; David Anderson</i>	
	OF4S1	Report from the AALAS - FELASA working group on harm-benefit analysis of animal studies	Aurora Bronstadt	University of Bergen
	OF4S2	Promoting consistency in Project Evaluation under Directive 2010/63/EU	David Anderson	Advisor to European Commission
	OF4S3	ANIMPACT: Mapping European diversity under Directive 2010/63/EU and proposing tools to increase dialogue	Anna Olsson	Institute Research and Innovation
	OF4S4	30 years of experience in the ethical evaluation of animal experiments: a new era	Nelleke Verhave	Utrecht University
211&212	OB3S	<b>Comparative medicine of infectious diseases</b>	<i>J-P Mocho</i>	
	OB3S1	Non-human primate aerosol challenge models of tuberculosis: Advanced in-life imaging to refine and improve efficacy studies for TB vaccines and therapies	Sally Sharpe	Public Health England
	OB3S2	Influenza and other emerging viruses: benefits and limits of animal models	Ron Fouchier	Erasmus MC
	OB3S3	A bovine natural-host infection model to evaluate strategies against Respiratory Syncytial Virus for the combat of lower respiratory tract infections in kids and calves	Rineke de Jong	Wageningen UR
	OB3S4	Safe science? Contemporary risks for humans and animal health - Taking risks with today's guidelines	Massimo Foa	Idexx Bioresearch
213&215	OD4S	<b>What teleostean fish tell us</b>	<i>Livia D'Angelo</i>	
	OD4S1	From the bush to the bench: the annual fish <i>Nothobranchius furzeri</i> provides novel insights in the biology of aging	Alessandro Cellerino	Scuola Normale Superiore
	OD4S2	Medaka fish as a model system in biomedical research	Federica Naso	Telethon Institute of Genetics
	OD4S3	Husbandry, welfare and health aspects of the shortest-lived vertebrate, the annual teleost fish <i>Nothobranchius</i> , a newly established model organism	Alessia Montesano	Leibniz Institute on Aging
	OD4S4	Housing and caring for three spined sticklebacks ( <i>Gasterosteus aculeatus</i> ) in a research aquarium facility	Carl Breacker	University of Leicester

**Thursday 12:45-13:15**

Copper Hall	<b>Closing ceremony</b>	Poster awards (winners to be present!)	Scientific Committee, BCLAS, NVP, BV, FELASA	
		Introducing the next FELASA congress (2019, Prague)	Jan Honetschläger Chair FELASA 2019 in Prague	