

Sunday, 12. June 2022

A: Communication with and Between Animals
11:15 - 12:45

PC.2.2

W1A1 - Severity Classification and Reporting under Directive 2010/63/EU - A Train the Trainer Workshop

Chair: Dolores Bonaparte, PT

Speakers

11:15 - 12:45

Speaker: David Anderson, GB
Speaker: Dolores Bonaparte, PT
Speaker: Ana Criado, IT
Speaker: Livia D'Angelo, IT
Speaker: Anne-Dominique Degryse, FR
Speaker: Delphine Denais-Lalieve, FR

A: Communication with and Between Animals
14:15 - 15:45

PC.2.2

W1A2 - ?????????????????????????????????????Classification and Reporting of Severity of Procedures: Introductory Session Using 'Basic' Models

Chair: Ana Criado, IT

Speakers

14:15 - 15:45

Speaker: David Anderson, GB
Speaker: Dolores Bonaparte, PT
Speaker: Ana Criado, IT
Speaker: Livia D'Angelo, IT
Speaker: Anne-Dominique Degryse, FR
Speaker: Delphine Denais-Lalieve, FR

A: Communication with and Between Animals
16:30 - 18:00

PC.2.2

W1A2 - ?????????????????????????????????????Classification and Reporting of Severity of Procedures: Introductory Session Using 'Basic' Models

Chair: Anne-Dominique Degryse, FR

Speakers

16:30 - 18:00

Speaker: David Anderson, GB
Speaker: Dolores Bonaparte, PT
Speaker: Ana Criado, IT
Speaker: Livia D'Angelo, IT
Speaker: Anne-Dominique Degryse, FR
Speaker: Delphine Denais-Lalieve, FR

Monday, 13. June 2022

D: Communicating between Peers, Authorities and the Public
10:00 - 11:30

PH

S2D1 - How to Improve Institutional Communication on Animal Research

Chair: Kirk Leech, GB

Co-Chair: Thierry Decelle, FR

S2D1.1	How to Improve Institutional Communications on Animal Research <i>Speaker:</i> Kirk Leech, GB	10:00 - 11:30
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A: Communication with and Between Animals
10:00 - 11:30

PC.1.1

S2A1 - Specifics of Facilities Matter

Chair: Boris Jerchow, CH

Co-Chair: Jussi Helppi, DE

	Introduction <i>Speaker:</i> Boris Jerchow, CH	10:00 - 10:05
S2A1.1	Full Cost Accounting Not Only Improves Costs, but also Animal Welfare and Job Satisfaction <i>Speaker:</i> Jussi Helppi, DE	10:05 - 10:22
S2A1.2	Not All Individually Ventilated Caging Systems are Created Equal <i>Speaker:</i> Scott Perkins, US	10:22 - 10:39
S2A1.3	Communication Pipeline for <i>In Vivo</i> Imaging Services <i>Speaker:</i> Vasileios Ntasis, GR	10:39 - 10:54
S2A1.4	Considerations When Designing and Operating a New SPF (Poultry) Facility <i>Speaker:</i> Ryan Waters, GB	10:54 - 11:09
S2A1.5	Animal Facility 2.0 - Integrating New Technologies in In Vivo Research <i>Speaker:</i> Laura Schroeder, CH	11:09 - 11:26

D: Communicating between Peers, Authorities and the Public
10:00 - 11:30

PC.1.2

S2D2 - 3Rs - Travelling the Globe and Pandemic Impacts

Chair: Jan-Bas Prins, GB

Co-Chair: Adrian Smith, NO

S2D2.1	Norecopa: Working for Global Communication between All Stakeholders <i>Speaker:</i> Adrian Smith, NO	10:00 - 10:15
S2D2.2	Collaborating to Advance the 3Rs in North America & Beyond <i>Speaker:</i> Sally Thompson-Iritani, US	10:15 - 10:30
S2D2.3	Advancing 3Rs: The National Research Programme 79 of the	10:30 - 10:45

Swiss National Science Foundation*Speaker:* Herwig Grimm, AT

S2D2.4	3R Reporting in Preclinical Animal Studies in 2009 and 2018 – a Nationwide Study <i>Speaker:</i> Birgitte Saima Kousholt, DK	10:45 - 11:00
S2D2.5	COVID-19: Laboratory Animal Use and Non-Animal Methods in the Dynamics of a Pandemic <i>Speaker:</i> Leane van Wereeld, NL	11:00 - 11:15
S2D2.6	Speed Up and Values Up? Changes in Animal Studies Use during COVID-19 Vaccine Approval <i>Speaker:</i> Merel Ritskes-Hoitinga, NL	11:15 - 11:30

A: Communication with and Between Animals
10:00 - 11:30

PC.1.3

S2A2 - Animal Handling*Chair:* Ken Applebee, GB*Co-Chair:* Carola Fischer-Tenhagen, DE

S2A2.1	Tunnel- Versus Tail-Handling in a Mouse Breeding Facility: Timecosts and Behaviors in Different Strains <i>Speaker:</i> Kristina Ullmann, DE	10:00 - 10:20
S2A2.2	Rabbit Human Habituation Program during Breeding Reduced Significantly Stress Related Signs during Acclimatization Period <i>Speaker:</i> Kévin P. Dhondt, FR	10:20 - 10:40
S2A2.3	Positive Reinforcement Training as a Refinement Tool in Feline Experimental Studies <i>Speaker:</i> Andrea Monika Spiri, CH	10:40 - 10:55
S2A2.4	Improving Human-Animal Interactions for Research Pigs: Habituation to Sling Restraint for Blood Collection <i>Speaker:</i> Carly O'Malley, US	10:55 - 11:10
S2A2.5	Train the Trainer: What Is Needed to Train Goats for Experiments? <i>Speaker:</i> Carola Fischer-Tenhagen, DE	11:10 - 11:25

C: Education and Training: Communication towards the Future
10:00 - 11:30

PC.1.4

S2C1 - Evolving Education to Meet Current and Future Needs*Chair:* Linda Horan, GB*Discussion facilitator:* Steven Cubitt, GB

	Introduction to Sessions. Providing Education for Those that Care <i>Speaker:</i> Linda Horan, GB	10:00 - 10:05
S2C1.1	Session 1. Animal Technician Education <i>Speaker:</i> Steven Cubitt, GB	10:05 - 10:25
S2C1.2	Session 2. Evolving Animal Technician Education	10:25 - 11:30

Speaker: Tina O'Mahony, GB
Speaker: Theresa Langford, GB

B: Communication and culture of care
 10:00 - 11:30

PC.1.5

W2B1 - How to Facilitate a Good Culture of Care in Laboratory Animal Establishments

Chair: Thomas Bertelsen, DK

W2B1.1	Understanding and Valuing the Roles of Different People within an Establishment: Workshop I, Part1 <i>Speaker:</i> Thomas Bertelsen, DK	10:00 - 10:20
W2B1.2	Communicating Effectively with Others in Different Roles <i>Speaker:</i> Penny Hawkins, GB	10:20 - 10:40
W2B1.3	Considering Emotional Loading in People with Different Roles <i>Speaker:</i> Jenny Parks, GB	10:40 - 11:00
W2B1.4	Raising Concerns - Culture of Care Workshop <i>Speaker:</i> Kathy Ryder, GB	11:00 - 11:20
	Panel Discussion: Practical Suggestions for Activities and Processes to Enable Better Communication within an Establishment	11:20 - 11:30

A: Communication with and Between Animals
 10:00 - 11:30

PC.2.1

W2A3 - A Taster of Complex Farm Animal Models in the Classification and Reporting of Severity Procedures

Chair: Anne-Dominique Degryse, FR

Chair: David Anderson, GB

	Speakers	10:00 - 11:30
	<i>Speaker:</i> David Anderson, GB	
	<i>Speaker:</i> Dolores Bonaparte, PT	
	<i>Speaker:</i> Ana Criado, IT	
	<i>Speaker:</i> Livia D'Angelo, IT	
	<i>Speaker:</i> Anne-Dominique Degryse, FR	
	<i>Speaker:</i> Delphine Denais-Lalievre, FR	

D: Communicating between Peers, Authorities and the Public
 10:00 - 11:30

PC.2.2

W2D3 - Media Training – Practical Tips to Help Share Your Research with the Public

Chair: Maria Vlastara, GB

W2D3.1	Communicating Your Animal Research with the Media - the Importance of Transparency <i>Speaker:</i> Maria Vlastara, GB	10:00 - 10:15
W2D3.2	How Should We Discuss the Use of Animals in Basic Research? <i>Speaker:</i> Andreas Lengeling, DE	10:15 - 10:30
W2D3.3	Engaging with Patient Groups <i>Speaker:</i> Anastasia Tsingotjidou, GR	10:30 - 10:45

Interactive Group Work

10:45 - 11:30

Opening & Closing Sessions

11:30 - 11:45

PH

Opening Ceremony

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11:30 - 11:45

Speaker: Samuel Vidal, FR*Speaker:* Belen Pintado, ES*Speaker:* Sebastien Paturance, FR*Speaker:* Jan-Bas Prins, GB*Keynote*

11:45 - 12:45

PH

K21 - How Effective Communication Can Drive Improvements in Aquatic Animal Welfare*Chair:* Samuel Vidal, FR

K21

How Effective Communication Can Drive Improvements in Aquatic Animal Welfare

11:45 - 12:45

Speaker: Lynne Sneddon, SE*Breaks & Networking*

12:45 - 14:15

Exhibition hall

Lunch break | Commercial workshops*Commercial Workshop*

13:00 - 14:00

PC.1.4

GemPharmatec - A Sneak Peek into the Interplay between Housing Environment and Microbiota, and Application of Germfree Mice in Preclinical Research and Services**Speaker**

13:00 - 14:00

Speaker: Zhiying Li, US*Commercial Workshop*

13:00 - 14:00

PC.1.5

Taconic Biosciences - Assessment and Surveillance of Adverse Phenotypes in Genetically Engineered Models*Chair:* Maroun Karam, FR**Speaker**

13:00 - 14:00

Speaker: Charlotte Thygesen, DK*Commercial Workshop*

13:00 - 14:00

Marseillevreyre

Tecniplast SpA - Multi-Centre Study of Home-Cage Physical Activity of C57BL/6 Mice and their Responses to Microenvironmental Conditions during Consecutive Cycles of Bi-Weekly Housing Change Outs*Chair:* John Hasenau, US**Speakers**

13:00 - 14:00

Speaker: Jan-Bas Prins, GB*Speaker:* Herve Lerat, FR

D: Communicating between Peers, Authorities and the Public
14:15 - 15:45

PH

S2D4 - Strategic Communication Is a Key to Change

Chair: Lisa Andersson, SE
Co-Chair: Rafael Frías, SE

Case Discussion

14:15 - 15:45

Speaker: Lisa Andersson, SE
Speaker: Leif Carlsson, SE
Speaker: Karin Gabrielson Morton, SE
Speaker: Elin Törnqvist, SE

E: The Parallel Route
14:15 - 15:45

PC.1.1

S2E1 - 3Rs - Reduction at Work

Chair: Bogdan Sevastre, RO
Co-Chair: Thierry Decelle, FR

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| S2E1.1 | Anishare: An Open-Source Software to Improve the Use of Surplus Laboratory Animals and Organs
<i>Speaker:</i> Antonina Klippert, DE | 14:15 - 14:37 |
| S2E1.2 | Tele-Embryo: A Service to Promote Reduction and Refinement in Rederivations
<i>Speaker:</i> Belen Pintado, ES | 14:37 - 14:59 |
| S2E1.3 | Objective of 50% Reduction in 10 Years in a Pharmaceutical Company
<i>Speaker:</i> Thierry Decelle, FR | 14:59 - 15:21 |
| S2E1.4 | Reduction of the Use of Animals for Vaccine Evaluation: Achievements and Perspectives
<i>Speaker:</i> Raffaella Cecchi, IT | 15:21 - 15:43 |

A: Communication with and Between Animals
14:15 - 15:45

PC.1.2

S2A4 - Enhancing Vivaria Sustainability

Chair: Patrick Sharp, US
Co-Chair: Jan Honetschläger, CZ

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| S2A4.1 | Planning and Designing the Green Vivarium: Towards More Sustainable Biomedical Research
<i>Speaker:</i> Patrick Sharp, US | 14:15 - 15:45 |
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D: Communicating between Peers, Authorities and the Public
14:15 - 15:45

PC.1.3

S2D5 - Discovering Communication Secrets

Chair: Nikos Kostomitsopoulos, GR
Co-Chair: Merel Ritskes-Hoitinga, NL

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| S2D5.1 | Taking on the Challenge of Openness at a Large US Public University
<i>Speaker:</i> Sally Thompson-Iritani, US | 14:15 - 14:37 |
| S2D5.2 | Transparency: Adapted Broadened Communication Leads to | 14:37 - 14:59 |

	Better Acceptance <i>Speaker:</i> Thomas Hubert, FR	
S2D5.3	Lost in Translation? Facilitating Communication between Animal and Medical Research Ethics Committees <i>Speaker:</i> Merel Ritskes-Hoitinga, NL	14:59 - 15:21
S2D5.4	Juggling Legal Roles: Animal Welfare Oversight and AWB Tasks <i>Speaker:</i> Peternella S. Verhave, NL	15:21 - 15:43

D: Communicating between Peers, Authorities and the Public

14:15 - 15:45

PC.1.4

W2D6 - Biomedical Research – Breaking the Deadlock by Drawing Innovation from Multidisciplinary Approaches. Part 1

Chair: Sofia Batista Leite, IT

Co-Chair: Annamaria Carusi, GB

W2D6.1	The Relevance of Animal Models and Alternatives for Human Risk Assessment for Pharmaceuticals <i>Speaker:</i> Robert Mader, CH	14:15 - 14:30
W2D6.2	Advanced Models to Capture Complex Human Physiology <i>Speaker:</i> Sofia Batista Leite, IT <i>Speaker:</i> Laura Gribaldo, IT	14:30 - 14:45
W2D6.3	Computational Modelling as a Practical Example of Bridging between Disciplines <i>Speaker:</i> Elisa Passini, GB	14:45 - 15:00
W2D6.4	Crack it Challenges - Funding Collaborations to Bring Three Rs Benefits <i>Speaker:</i> Elliot Lilley, GB	15:00 - 15:15
W2D6.5	Setting the Scene and Explanation of the Activity to Follow in Workshop 2 <i>Speaker:</i> Annamaria Carusi, GB	15:15 - 15:30

A: Communication with and Between Animals

14:15 - 15:45

PC.1.5

S2A5 - Improving Animal Models for More Relevance

Chair: Yann Herault, FR

Co-Chair: Marieke A. Stammes, NL

	Introduction <i>Speaker:</i> Yann Herault, FR	14:15 - 14:17
S2A5.1	The Sheep as an Experimental Model for Peripheral Nerve Injury and Regeneration Studies <i>Speaker:</i> Estefanía Contreras, ES	14:17 - 14:37
S2A5.2	Medical Imaging as a Means of Understanding Severe Acute Respiratory Syndrome Coronavirus 2 Infection <i>Speaker:</i> Marieke A. Stammes, NL	14:37 - 14:57

S2A5.3	Pre-Immunization with Inactivated Pathogens Recapitulates Adult Human Immune Traits in Laboratory Mice <i>Speaker:</i> Caroline Falkenberg, DK	14:57 - 15:17
S2A5.4	Is Sweet Consumption under Thirst and Hunger Really a Good Indicator of Depression? <i>Speaker:</i> Jenny Berrío, DK	15:17 - 15:37
	Closing Remarks	15:37 - 15:45

Cancelled

14:15 - 15:45

PC.2.1

W2C2 - CANCELLED - Skills for Communication and Learning in the Workplace – Developing Your Practical Skills ... and More

C: Education and Training: Communication towards the Future

14:15 - 15:45

PC.2.2

W2C3 - Communicating Good Experimental Design. Part 1

Chair: Derek Fry, GB

Speakers

14:15 - 15:45

Speaker: Derek Fry, GB*Speaker:* Thomas Steckler, BE*Breaks & Networking*

15:45 - 16:30

Exhibition hall

Coffee break

E: The Parallel Route

15:45 - 16:30

ePoster Area

P2E - ePosters

E: The Parallel Route

15:50 - 16:30

ePoster Area

P2E4 - ePoster Station 4 - It's All About Husbandry and Care

Chair: Amir Rosner, IL

Introduction

15:50 - 15:52

Speaker: Amir Rosner, IL

PC18	Feedback from the Rehabilitation of Training Animals Used in Oniris	15:52 - 15:55
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Speaker: Jean-Claude Desfontis, FR

PB18	The Kkay Model for Diabetic Nephropathy: Challenges and Solutions in the Animal Handling	15:55 - 15:58
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Speaker: Tonny Lagerweij, NL

PD24	Rehoming Procedures for Research Dogs and Cats at Veterinary School Oniris in France	15:58 - 16:01
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Speaker: Yassine Mallem, FR

PE27	Evaluation of the Estrogenic Activity of Diets Used in Scientific	16:01 - 16:04
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	Protocols with Rodents <i>Speaker:</i> Dominique Martel, FR	
PD26	Implementation of Animal Care and Use Regulations in Countries in Transition: Georgian Experience <i>Speaker:</i> Karen Mulkijanyan, GE	16:04 - 16:07
PD32	Daily Care of Mice Inside Isolators in a BSL3 Facility <i>Speaker:</i> Julia Sanchez Garcia, ES	16:07 - 16:10
PB36	Upper Airway Management Strategies during Injectable Anesthesia in New Zealand White Rabbits: Preliminary Results <i>Speaker:</i> Gwenola Touzot-Jourde, FR	16:10 - 16:13
PB44	How to Breed <i>Monodelphis domestica</i>: The Prototype Laboratory Marsupial for Research on Early Life-Stages <i>Speaker:</i> Paola Zarattini, IT	16:13 - 16:16
<i>E: The Parallel Route</i> 15:50 - 16:30		ePoster Area
P2E3 - ePoster Station 3 - It's All About Fish <i>Chair:</i> Livia D'Angelo, IT		
	Introduction <i>Speaker:</i> Livia D'Angelo, IT	15:50 - 15:52
PA03	Learn from the Hoard - Fishends/Fishends-Dig Refinement of Endpoints in Fish Studies <i>Speaker:</i> Aurora Brønstad, NO	15:52 - 15:55
PB23	Zebrafish Sperm Cryopreservation: An Essential Practice for a CRO Specialized in Zebrafish Services <i>Speaker:</i> Visila Moiche, ES	15:55 - 15:58
PB37	The Challenge of Long Duration Anaesthesia for Zebrafish Larvae <i>Speaker:</i> Ana Valentim, PT	15:58 - 16:01
PC01	Statistical Considerations for the Breeding of Zebrafish and their Use in Experiments <i>Speaker:</i> Claire Allen, GB	16:01 - 16:04
PC41	Evaluating Zebrafish Genotyping Methods with Consideration of the 3R's <i>Speaker:</i> Lisa Van Hateren, GB	16:04 - 16:07
PE14	Controlling Spread of <i>Pseudoloma neurophilia</i> between Zebrafish Facilities <i>Speaker:</i> Olga M Fernández Rodríguez, ES	16:07 - 16:10
PE50	The Fish Embryo Acute Toxicity Test as a Suitable Method for Hospital Wastewater Testing <i>Speaker:</i> Martina Wittlerova, CZ	16:10 - 16:13

E: The Parallel Route

15:50 - 16:30

ePoster Area

P2E5 - ePoster Station 5 - It's All About Facility Management and Operations

Chair: Ranko Stojkovic, HR

	Introduction	15:50 - 15:52
	Speaker: Ranko Stojkovic, HR	
PC09	Handling of Mtb-Infected Mice in BSL3 Molecular Imaging Laboratory for in Vivo PET/CT Imaging	15:52 - 15:55
	Speaker: Patricia Casado Castro, ES	
PE12	Dealing with Data Overload? Custom Data Management in a Gnotobiotic Facility to Improve Communication	15:55 - 15:58
	Speaker: Emily Dugan, AU	
PD09	Problems with the Regulation of Animal Experiments in Everyday Work. Case Studies from Hungary	15:58 - 16:01
	Speaker: Kinga Fodor, HU	
PE18	The Change Station as a Hub of Communication in the Animal Room	16:01 - 16:04
	Speaker: Stephan Hammelbacher, DE	
PD13	Role of Regulatory Clearances in Maintaining Research Animals in COVID-19 Crisis: Indian Perspectives	16:04 - 16:07
	Speaker: Arvind Ingle, IN	
PB19	Correlation of Health Notifications, Genetical Status, Temperature and Humidity in Two Rodent Facilities	16:07 - 16:10
	Speaker: Varpu Laine, FI	
PD23	More Realistic Budgeting in Grant Proposals Would Benefit Research Quality and Animal Welfare	16:10 - 16:13
	Speaker: Jeannette Lortelje, NL	
PE45	Investing in the Future: Research & Innovation Park	16:13 - 16:16
	Speaker: Maria Anna Tsoutsou, GR	
	Speaker: Anna Gavra, GR	
PE46	Construction: How a Communication Plan Preserves Animal Welfare, Quality Research, and Relationships between Stakeholders	16:16 - 16:19
	Speaker: Jeremy Turner, US	
PB38	Positive Impact on the Laboratory Mice Welfare by Establishing a Permanent Cage-Changing Day	16:19 - 16:22
	Speaker: Cristina Verdu-Exposito, ES	

E: The Parallel Route

15:50 - 16:30

ePoster Area

P2E2 - ePoster Station 2 - It's All About Communication with Peers

Chair: Delphine Denais-Lalievre, FR

Introduction

15:50 - 15:52

	<i>Speaker:</i> Delphine Denais-Lalievre, FR	
PB02	Communication with Scientists and Timed-Mating Rodent Management Can Help Reduce Surplus Animals: our Experience <i>Speaker:</i> Kaja Blagotinšek Cokan, SI	15:52 - 15:55
PC05	European Academy of Laboratory Animal Surgery (EALAS) <i>Speaker:</i> Delphine Bouard, FR	15:55 - 15:58
PC16	The 3Rs Database Programme: Humane Endpoints Website and the Interspecies Database <i>Speaker:</i> Wim de Leeuw, NL	15:58 - 16:01
PD01	Communication as Key Element for Centralized Professional Breeding Outsourcing Activities <i>Speaker:</i> Eva Maria Amen, CH	16:01 - 16:04
PD08	Medicine Safety in Breastfeeding: Communicating about Animal Data in a Large European Research Consortium <i>Speaker:</i> Alberto Elmi, IT	16:04 - 16:07
PD39	The Importance of Peer-To-Peer Communication in Time of Crisis – the Swiss Experience <i>Speaker:</i> Xavier Warot, CH	16:07 - 16:10
PD27	Quality Management : A Good Tool to Manage Crisis Thanks a Better Communication. <i>Speaker:</i> Anne-Marie Mura, FR	16:10 - 16:13
PD28	Using Dynamic Work Design to Connect People Working in Laboratory Animal Research <i>Speaker:</i> Judy Murray, US	16:13 - 16:16
PD30	Communication in Managing Intellectual Property and Mouse Exportation <i>Speaker:</i> Mary Proctor, US	16:16 - 16:19
PD11	Post-Receipt Client Feedback: Understanding, Communicating and Resolving. Charles River UK <i>Speaker:</i> Wairimu Gatome, GB	16:19 - 16:22
 <i>E: The Parallel Route</i> 15:50 - 16:30		
		ePoster Area
	P2E1 - ePoster Station 1 - It's All About Behaviour <i>Chair:</i> I. Anna S. Olsson, PT	
	Introduction <i>Speaker:</i> I. Anna S. Olsson, PT	15:50 - 15:52
PA08	Tail-Biting Behaviour in BALB/c Female Mice: Nesting Material and Space Considerations <i>Speaker:</i> Wairimu Gatome, GB	15:52 - 15:55
PA05	Behavioral Tests Assessing Anxiety- and Depression-Like	15:55 - 15:58

	Behavior in Mice and the Memory Effect <i>Speaker:</i> Maša ?ater, SI	
PA13	Dietary Manipulations Cause Sex-Dependent Metabolic and Behavioural Changes in Mice <i>Speaker:</i> Jasmina Ker?mar, SI	15:58 - 16:01
PA20	Using Mice Social Behaviour to Assess Pathogen Transmission Dynamics <i>Speaker:</i> Irene Sanchez Mendez, ES	16:01 - 16:04
PB40	Provision of Animal Facilities to Express Natural Behavior <i>Speaker:</i> Manon Vesvres, FR	16:04 - 16:07
PE10	Effect of Chronic Antidepressants and Glucocorticoids in Judgement Bias and Homeage Behaviour in Mice <i>Speaker:</i> Silvina Diaz, AR	16:07 - 16:10
PE16	Behavioral Digital Recordings <i>Speaker:</i> Céline Gommet, FR	16:10 - 16:13

D: Communicating between Peers, Authorities and the Public
16:30 - 18:00

PH

S2D7 - Improving Communication at the Establishment Level in Favour of Animal Welfare

Chair: Viola Galligioni, IE

Co-Chair: Sabrina Ravel, FR

	Introduction <i>Speaker:</i> Viola Galligioni, IE <i>Speaker:</i> Sabrina Ravel, FR	16:30 - 16:35
S2D7.1	Communication between Establishments and Competent Authorities in Favour of Animal Welfare <i>Speaker:</i> Katerina Marinou, GR	16:35 - 16:55
S2D7.2	Expectations for Internal Communications in Animal Care and Welfare Programs <i>Speaker:</i> Helena Paradell, ES	16:55 - 17:15
S2D7.3	The Role of Designated Veterinarians as Advocates for Animal Welfare <i>Speaker:</i> Viola Galligioni, IE	17:15 - 17:35
S2D7.4	Growing New Neurons: Opportunities to Thrive in Lab Animal Medicine <i>Speaker:</i> Janet Rodgers, GB	17:35 - 17:55
	Conclusions	17:55 - 18:00

B: Communication and culture of care
16:30 - 18:00

PC.1.1

S2B2 - "Green Champion" Initiative – Communicating on the Environmental Impact of LAS

Chair: Jean-Philippe Mocho, GB

Co-Chair: Patrick Hardy, FR

S2B2.1	The Green Champion Initiative and Leaf <i>Speaker:</i> Joshua Kerr, GB	16:30 - 17:00
S2B2.2	The Environmental Impact of LAS: 3R – Reduce, Reuse, Recycle – What Do You Do? <i>Speaker:</i> Jean-Philippe Mocho, GB	17:00 - 17:30
S2B2.3	Environmental Impact of Biosecurity: Autoclave Vs. Greener Options for Disinfection <i>Speaker:</i> Patrick Hardy, FR <i>Speaker:</i> Jean-Philippe Mocho, GB	17:30 - 18:00

B: Communication and culture of care
16:30 - 18:00

PC.1.2

S2B3 - 3Rs - Refinement at Work

Chair: Kévin P. Dhondt, FR
Co-Chair: Thorsten Buch, CH

S2B3.1	Refinement of the Rat Contusion Model of Thoracic Spinal Cord Injury <i>Speaker:</i> Harikrishnan Vijayakumar Sreelatha, DK	16:30 - 16:50
S2B3.2	Improving Non-Terminal Blood Specimen Quality in Mice <i>Speaker:</i> Catherine Layssol-Lamour, FR	16:50 - 17:10
S2B3.3	Refinement of Tamoxifen Administration in Mice Via Encouraged Voluntary Consumption of Palatable Formulations. <i>Speaker:</i> Thorsten Buch, CH	17:10 - 17:30
	Discussion: Measuring 3R Efficiency - Are You Really Impactful?	17:30 - 18:00

D: Communicating between Peers, Authorities and the Public
16:30 - 18:00

PC.1.3

S2D8 - Harmonizing Policies and Key Role Players

Chair: Nikos Kostomitsopoulos, GR
Co-Chair: Nicolas Dudoignon, FR

S2D8.1	Role of the Designated Veterinarian - FELASA-ECLAM-ESLAV Working Group <i>Speaker:</i> Ngaire Dennison, GB	16:30 - 16:50
S2D8.2	Laboratory Animals Welfare during Transportation: Key Online Resources for End Users and Transport Stakeholders <i>Speaker:</i> Nicolas Dudoignon, FR	16:50 - 17:10
S2D8.3	Leading Effective Change in Your Organisation <i>Speaker:</i> Caroline Back, SE	17:10 - 17:30
S2D8.4	Leveraging Technology: An Approach for Performing Animal Welfare Due Diligence for Externalized <i>In Vivo</i> Work <i>Speaker:</i> Benn Reeve, GB	17:30 - 17:50

D: Communicating between Peers, Authorities and the Public

16:30 - 18:00

PC.1.4

W2D6 - Biomedical Research – Breaking the Deadlock by Drawing Innovation from Multidisciplinary Approaches. Part 2

Chair: Sofia Batista Leite, IT

Co-Chair: Annamaria Carusi, GB

Discussion

16:30 - 18:00

Speaker: Annamaria Carusi, GB

Speaker: Sofia Batista Leite, IT

Speaker: Robert Mader, CH

Speaker: Elisa Passini, GB

Speaker: Elliot Lilley, GB

C: Education and Training: Communication towards the Future

16:30 - 18:00

PC.1.5

W2C4 - Widening Participation: Education As a Dialogue Between Student and Tutor in a Virtual World

Chair: Lucy Whitfield, GB

Introduction and Key Concepts

16:30 - 16:40

Speaker: Dave Lewis, GB

Learning Activities:

16:40 - 17:30

Education and Communication in a Virtual Environment

17:30 - 17:30

Speaker: Ian Garrod, GB

Active Learning - Benefits and Practicalities

17:30 - 17:30

Speaker: Dave Lewis, GB

Learning through Assessment

17:30 - 17:30

Speaker: Lucy Whitfield, GB

Engaging Your Audience through Polling

17:30 - 17:30

Speaker: Angela Kerton, GB

Plenary Session

17:30 - 17:50

Speaker: Ismene Dontas, GR

D: Communicating between Peers, Authorities and the Public

16:30 - 18:00

PC.2.1

W2D9 - Filming (and Taking Pictures) with Your Smartphone

Chair: Bella Williams, GB

Speakers

16:30 - 18:00

Speaker: Hannah Hobson, GB

Speaker: Richard Scrase, GB

C: Education and Training: Communication towards the Future

16:30 - 18:00

PC.2.2

W2C3 - Communicating Good Experimental Design. Part 2

Chair: Derek Fry, GB

Speakers

16:30 - 18:00

Speaker: Derek Fry, GB
Speaker: Manuel Berdoy, GB

Breaks & Networking
18:00 - 20:00

Exhibition hall

Welcome Reception

Tuesday, 14. June 2022

D: Communicating between Peers, Authorities and the Public
08:00 - 09:30

PH

S3D1 - Project Evaluation: How to Assess the Performance of Ethical Review Bodies across Europe?

Chair: Pierre Mormède, FR

Co-Chair: Birgit Ledermann, CH

	Introduction	08:00 - 08:10
	<i>Speaker:</i> Nicolas Guy, FR	
S3D1.1	Evaluation of Performance of Different Ethical Review and Oversight Processes	08:10 - 08:30
	<i>Speaker:</i> Javier Guillén, ES	
S3D1.2	Evaluation Tool to Assess the Strengths and Weaknesses of an Ethical Review System	08:30 - 08:50
	<i>Speaker:</i> Guy De Vroey, BE	
S3D1.3	Resources and Competencies of Ethical Review Bodies	08:50 - 09:10
	<i>Speaker:</i> Penny Hawkins, GB	
S3D1.4	Independence, Impartiality and Transparency of Ethical Review Bodies: State of Play in France	09:10 - 09:30
	<i>Speaker:</i> Pierre Mormède, FR	

D: Communicating between Peers, Authorities and the Public
08:00 - 09:30

PC.1.1

S3D2 - Animal-Free Innovations, towards 2025

Chair: Peternella S. Verhave, NL

Co-Chair: Jan-Bas Prins, GB

	Introduction	08:00 - 08:05
	<i>Speaker:</i> Peternella S. Verhave, NL	
S3D2.1	Predicting Animal to Human Translation: A Pilot Study Using Qualitative Comparative Analysis	08:05 - 08:20
	<i>Speaker:</i> Cathalijn Leenaars, DE	
S3D2.2	Barriers and Opportunities for Using Human Material in Research	08:20 - 08:35
	<i>Speaker:</i> Bea Zoer, NL	
S3D2.3	Utrecht Round Tables on the Transition Towards Non-Animal Methods	08:35 - 08:50
	<i>Speaker:</i> Monique Janssens, NL	
	Intermediate Wrap Up	08:50 - 08:55
S3D2.4	Beyond Animal Testing Index: Benchmarking Research Institutes on Contributions to Animal-Free Innovation and 3Rs	08:55 - 09:10
	<i>Speaker:</i> Jan-Bas Prins, GB	

S3D2.5	The Virtual Human Platform as a New Approach to Take on Animal-Free Future Challenges <i>Speaker:</i> Ronald Vlasblom, NL	09:10 - 09:25
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Overall Wrap Up <i>Speaker:</i> Peternella S. Verhave, NL	09:25 - 09:30
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D: Communicating between Peers, Authorities and the Public
08:00 - 09:30

PC.1.2

S3D3 - Research Quality - Open Science

Chair: I. Anna S. Olsson, PT

Co-Chair: Julia Menon, NL

Introduction <i>Speaker:</i> I. Anna S. Olsson, PT	08:00 - 08:05
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S3D3.1	Risks of Bias and How to Find Them (in Animal Studies) <i>Speaker:</i> Kimberley E. Wever, NL	08:05 - 08:20
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S3D3.2	Systematic Reviews of Animal Studies: Inspiring Communication about Good Research Practices <i>Speaker:</i> Julia Menon, NL	08:20 - 08:35
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S3D3.4	“Communities for Open Research Synthesis” – a Community Approach to Strengthen Evidence from Animal Research <i>Speaker:</i> Sarah McCann, DE	08:35 - 08:50
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S3D3.5	Estimating Translational Effectiveness through an Expert Informed Metric in a Preclinical Research Unit <i>Speaker:</i> Natascha Drude, DE	08:50 - 09:05
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S3D3.6	Two-Steps License Requests to Increase Transparency and Reduce False Positive Reports: Exploratory Vs Confirmatory Studies <i>Speaker:</i> Fulvio Magara, CH	09:05 - 09:20
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Discussion	09:20 - 09:30
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B: Communication and culture of care
08:00 - 09:30

PC.1.3

S3B1 - A Good Culture of Care - a Win-Win to Everyone Involved

Chair: Susanna Louhimies, BE

Co-Chair: Belen Pintado, ES

S3B1.1	Culture of Care – Setting the Scene <i>Speaker:</i> Susanna Louhimies, BE	08:00 - 08:18
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S3B1.2	Doing the Right Thing: Competence and a Culture of Care <i>Speaker:</i> Lucy Whitfield, GB	08:18 - 08:36
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S3B1.3	The Difference Two Hands Can Make <i>Speaker:</i> Ngaire Dennison, GB	08:36 - 08:54
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S3B1.4	Walk the Extra Mile for Rehoming	08:54 - 09:12
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	<i>Speaker:</i> Fred Poelma, NL	
S3B1.5	A Performance Indicator to Set Corporate Program: from Local Actions to Global Commitments <i>Speaker:</i> Thierry Decelle, FR	09:12 - 09:30
<i>A: Communication with and Between Animals</i>		
08:00 - 09:30		PC.1.4
W3A1 - Digitalization in Laboratory Animal Research: Welfare, Science and Operational Aspects		
<i>Chair:</i> Stefano Gaburro, IT		
W3A1.1	Digital Home-Cage: Current Opportunities and Challenges <i>Speaker:</i> Fabrizio Scorrano, CH	08:00 - 08:30
W3A1.2	Improved Animal Welfare and Scientific Validity in Home Cage-Based Automated Phenotyping of Mice <i>Speaker:</i> Oliver Stiedl, NL	08:30 - 09:00
W3A1.3	Improving Biomedical Research by Automated Monitoring of Animal Behaviour in the Home-Cage <i>Speaker:</i> Vootele Voikar, FI	09:00 - 09:30
<i>A: Communication with and Between Animals</i>		
08:00 - 09:30		PC.1.5
W3A2 - A Taster of Complex Aquatic Models in the Classification and Reporting of Severity of Procedures		
<i>Chair:</i> Anne-Dominique Degryse, FR		
	Speakers	08:00 - 09:30
	<i>Speaker:</i> David Anderson, GB	
	<i>Speaker:</i> Dolores Bonaparte, PT	
	<i>Speaker:</i> Ana Criado, IT	
	<i>Speaker:</i> Livia D'Angelo, IT	
	<i>Speaker:</i> Anne-Dominique Degryse, FR	
	<i>Speaker:</i> Delphine Denais-Lalieve, FR	
<i>Breaks & Networking</i>		
09:30 - 10:15		Exhibition hall
Coffee break		
<i>E: The Parallel Route</i>		
09:30 - 10:15		ePoster Area
P3E - ePosters		
<i>E: The Parallel Route</i>		
09:35 - 10:15		ePoster Area
P3E1 - ePoster Station 1 - It's All About Communication Beyond Peers		
<i>Chair:</i> Karen Mulkijanyan, GE		
	Introduction	09:35 - 09:37
	<i>Speaker:</i> Karen Mulkijanyan, GE	
PC04	European Union and Algeria: Statistics on the Use of Animals	09:37 - 09:40

	for Scientific Purposes <i>Speaker:</i> Abdelouafi Benmouloud, DZ	
PD04	Public Confidence, Trust, and Expectations for the Oversight of Invertebrates Used in Scientific Research <i>Speaker:</i> Michael W. Brunt, CA	09:40 - 09:43
PC10	The Romanian Student Perception about Animal Experimentation <i>Speaker:</i> Cristin Coman, RO	09:43 - 09:46
PD05	Communication of the Competent Authority in Romania on Animal Experimentation <i>Speaker:</i> Cristin Coman, RO	09:46 - 09:49
PD07	Conversations with Patients: An Important Approach to Spread Animal Research in Biomedicine to Society <i>Speaker:</i> Olga M Fernández Rodríguez, ES	09:49 - 09:52
PD14	Better Animal Research through Open Science <i>Speaker:</i> Monique Janssens, NL	09:52 - 09:55
PC28	The General Public's Opinion about Laboratory Dogs - a Hungarian Survey <i>Speaker:</i> Gabriella Korsós, HU	09:55 - 09:58
PB16	Communication in Animal Research – Importance of Personality Type and Ethical Viewpoints of Animal Experimentation <i>Speaker:</i> Valentina Kubale, SI	09:58 - 10:01
PD18	Fake News in Science and about Science <i>Speaker:</i> Valentina Kubale, SI	10:01 - 10:04
PD35	For Better Communication - One Secretariat for Both 3R-Center, National Committee and Animal Experimentation Council <i>Speaker:</i> Katrine Svendsen, DK	10:04 - 10:07
<i>E: The Parallel Route</i> 09:35 - 10:15		ePoster Area
P3E2 - ePoster Station 2 - It's All About Comparative Medicine <i>Chair:</i> Kévin P. Dhondt, FR		
	Introduction <i>Speaker:</i> Kévin P. Dhondt, FR	09:35 - 09:37
PD20	Corticosterone Levels in Mouse Models for Inflammatory Bowel Disease: A Systematised Scoping Review <i>Speaker:</i> Cathalijn Leenaars, DE	09:37 - 09:40
PD15	We Need to Talk about Fraudulent Animal Studies – Learnings from a Systematic Review <i>Speaker:</i> Otto Kalliokoski, DK	09:40 - 09:43
PE30	Bone Parameters Measurement and Analysis in C57BL/6J and BALB/c Mice Via <i>In Vivo</i> Imaging	09:43 - 09:46

	<i>Speaker:</i> Vasileios Ntafis, GR	
PA19	Reproductive and Nutritional Parameters in Polygenic Mouse Models of Obesity and Leanness <i>Speaker:</i> Tatjana Pirman, SI	09:46 - 09:49
PE34	PDX Tumor Growth Comparisons in the Ultra-Immunodeficient NOD.CB17-<i>Prkdc</i>^{Scid} <i>Il2rg</i>^{Tm1}/Bcgen (B-Ndg) Mouse Model <i>Speaker:</i> Travis Rothrock, US	09:49 - 09:52
PE41	Anthropometrical Parameters in Experimental Obesity in Sprague-Dawley Rats <i>Speaker:</i> Bogdan Sevastre, RO	09:52 - 09:55
PB32	Reassessment of the Mouse Estrous Cycle by Sensitive Measurements of Circulating Estradiol and Progesterone <i>Speaker:</i> Malan Strbenc, SI	09:55 - 09:58
PE43	Thymus in CB57BL/6 Mice; a Morphological Study from Adolescence to Senescence <i>Speaker:</i> Anastasia Tsingotjidou, GR	09:58 - 10:01
PE44	Forelimb Comparative Anatomy of Different Laboratory Animal Species <i>Speaker:</i> Anastasia Tsingotjidou, GR	10:01 - 10:04
PD38	Comparing Translational Success Rates across Medical Research Fields <i>Speaker:</i> Gwen Van de Wall, NL	10:04 - 10:07
<i>E: The Parallel Route</i> 09:35 - 10:15		ePoster Area
P3E3 - ePoster Station 3 - It's All About How to Prepare, Report and Learn		
<i>Chair:</i> Nuno Henrique Franco, PT		
	Introduction <i>Speaker:</i> Nuno Henrique Franco, PT	09:35 - 09:37
PD02	Reporting of Risks of Bias in Animal Research: An Automated Institutional Monitoring Dashboard <i>Speaker:</i> Alexandra Bannach-Brown, DE	09:37 - 09:40
PD17	Comparing Reporting Quality of Preclinical Animal Studies in 2009 Versus 2018 – a Nationwide Study <i>Speaker:</i> Birgitte Saima Kousholt, DK	09:40 - 09:43
PB42	Statistics Versus Animal Welfare: Validation of the Experimental Unit in the Focus of 3R. <i>Speaker:</i> Miriam Vogt, DE	09:43 - 09:46
PC34	A New Facility for the Systematic Review and Meta-Analysis of Animal Studies <i>Speaker:</i> Torsten Rackoll, DE	09:46 - 09:49
PD31	3R Ranker: An Artificial Intelligence Based Algorithm to Identify	09:49 - 09:52

	Replacement Alternatives <i>Speaker:</i> Merel Ritskes-Hoitinga, NL	
PD34	Microdialysis of Adrenaline and Corticosteroids in Animals and Humans: A Systematic Review <i>Speaker:</i> Bobbie Smith, DE	09:52 - 09:55
PC40	My Animal Research: Experimental Design, a Personalized, Practice-Based Learning Track for PhD Students <i>Speaker:</i> Ivo A. C. W. Tiebosch, NL	09:55 - 09:58
PE48	Challenges of 3R Industrialization: The Example of Tetanus Vaccines <i>Speaker:</i> Viktória Vágány, HU	09:58 - 10:01
PD19	Comparing Animal and Human Scientific Literature: Implications for Automation of Systematic Reviews <i>Speaker:</i> Cathalijn Leenaars, DE	10:01 - 10:04
<i>E: The Parallel Route</i> 09:35 - 10:15		ePoster Area
P3E5 - ePoster Station 5 - It's All About Non-Human Primates <i>Chair:</i> Ken Applebee, GB		
	Introduction <i>Speaker:</i> Ken Applebee, GB	09:35 - 09:37
PA01	Painting as a Means of Promoting Positive Human-Primate Interactions <i>Speaker:</i> Nora Denk, CH	09:37 - 09:40
PE19	A New Group Housing Approach for Non-Human Primate Metabolism Studies <i>Speaker:</i> Jesper Juhl Hansen, DK	09:40 - 09:43
PB17	Acute Aspiration Pneumonia in Common Marmoset (<i>Callithrix Jacchus</i>) with Marmoset Duodenal Dilation Syndrome. <i>Speaker:</i> Jina Kwak, KR	09:43 - 09:46
PE28	Effect of Weaning on <i>Campylobacter</i> Infection in a UK Breeding Colony of Rhesus Macaques <i>Speaker:</i> David Massey, GB	09:46 - 09:49
PB21	Impact of Optimized Housing and Modernized Ultrasound Techniques on Fetal Growth Curves in Macaques <i>Speaker:</i> Annemiek Maaskant, NL	09:49 - 09:52
PC32	The NHP-Specific FELASA Course: Practical Training (in Times of Social Distancing) <i>Speaker:</i> Björg Pauling, DE	09:52 - 09:55
PA22	Homecage Testing Device to Evaluate Cognitive Learning in a Group of Related Common Marmosets. <i>Speaker:</i> Cléo Schoeffel, FR	09:55 - 09:58

PB33	NHP Refinement: Behavioral Management Programs Combining Training and Design for Laboratory Animals Mental Well-Being <i>Speaker:</i> Nadine E. Suendermann, DE	09:58 - 10:01
PA25	Use of Post-Operative Nighttime Behaviour to Assess the Efficacy of Analgesic Protocols in Research Macaques <i>Speaker:</i> Patricia Turner, CA	10:01 - 10:04
PE53	Does Behaviour Predict Overweight in Captive Group-Living Rhesus Macaques? <i>Speaker:</i> Dian Zijlmans, NL	10:04 - 10:07

E: The Parallel Route
09:35 - 10:15

ePoster Area

P3E4 - ePoster Station 4 - It's All About Refinement with Mice

Chair: Yann Herault, FR

	Introduction <i>Speaker:</i> Yann Herault, FR	09:35 - 09:37
PB13	Implementing Cup and Tunnel Handling in a (Large) Pharmaceutical Rodent Facility <i>Speaker:</i> Maria Kiersgaard, DK	09:37 - 09:40
PB25	Utility of Environmental Enrichment in Naturally-Aged Mice Breeding <i>Speaker:</i> Noboru Ogiso, JP	09:40 - 09:43
PA18	The Effect of Clicker Training on the Acute Physiological Stress Response in C57BL/6J Mice <i>Speaker:</i> Dorothea Pichl, DE	09:43 - 09:46
PB29	Implementation of Non-Aversive Handling in Mice in an ABSL3 Facility <i>Speaker:</i> Violeta Solis Soto, ES	09:46 - 09:49
PB30	Refinement of CO₂ Euthanasia in Mice <i>Speaker:</i> Violeta Solis Soto, ES	09:49 - 09:52
PB34	Familiarizing Mice with Tonometric Intraocular Pressure Measurements <i>Speaker:</i> Anni Tenhunen, FI	09:52 - 09:55
PB43	Effect Gnawing Wood on Disease Induction in a Mouse Model for Diet-Induced Non-Alcoholic Steatohepatitis <i>Speaker:</i> Nicole Worms, NL	09:55 - 09:58
PE52	How to Improve and Refine the Elevated Plus Maze for Laboratory Mice <i>Speaker:</i> Aurélie Zaros, BE	09:58 - 10:01

B: Communication and culture of care

10:15 - 11:45

PH

S3B2 - National Networks of Animal Welfare Bodies - Sharing Ideas and Good Practices

Chair: Penny Hawkins, GB

Co-Chair: Delphine Denais-Lalievre, FR

S3B2.1	Expectations of the European Commission Towards the Animal Welfare Body <i>Speaker:</i> Susanna Louhimies, BE	10:15 - 10:30
S3B2.2	The National Network of Animal Welfare Bodies in Denmark <i>Speaker:</i> Thomas Bertelsen, DK	10:30 - 10:45
S3B2.3	The National Network of Animal Welfare Bodies in France <i>Speaker:</i> Delphine Denais-Lalievre, FR	10:45 - 11:00
S3B2.4	Example of an AWB Network – the Belgian Animal Welfare Body Platform <i>Speaker:</i> Piet Dierckx, BE	11:00 - 11:15
S3B2.5	The National Network of Animal Welfare Bodies in the UK <i>Speaker:</i> Penny Hawkins, GB <i>Speaker:</i> Sally Robinson, GB	11:15 - 11:30
	General Discussion	11:30 - 11:45

B: Communication and culture of care

10:15 - 11:45

PC.1.1

S3B3 - Humane Killing of Laboratory Fish (FELASA Working Group)

Chair: Jean-Philippe Mocho, GB

Co-Chair: Kristine von Krogh, NO

S3B3.1	Communication and Humane Killing of Fish <i>Speaker:</i> Kristine von Krogh, NO	10:15 - 10:30
S3B3.2	Communicating on Electrical Stunning <i>Speaker:</i> Robin McKimm, GB	10:30 - 10:45
S3B3.3	Hypothermal Shock – When Official Communication Does not Help <i>Speaker:</i> Kristine von Krogh, NO	10:45 - 11:00
S3B3.4	Justifying the Choice of Anaesthetics to Overdose Zebrafish <i>Speaker:</i> Jean-Philippe Mocho, GB	11:00 - 11:15
S3B3.5	FELASA Working Group Recommendations on Methods for Humane Killing of Laboratory Fish. Highlights and Summary <i>Speaker:</i> Jean-Philippe Mocho, GB	11:15 - 11:30
	Discussion	11:30 - 11:45

B: Communication and culture of care

10:15 - 11:45

PC.1.2

S3B4 - Research Quality - the 3Rs*Chair:* Aurora Brønstad, NO*Co-Chair:* Patrick Hardy, FR

S3B4.1	The Importance of Genetic Background in Mouse Models <i>Speaker:</i> Fernando Benavides, US	10:15 - 10:33
S3B4.2	The Importance of Microbiome Analysis in Animal Characterization <i>Speaker:</i> Samira Lawton, US	10:33 - 10:51
S3B4.3	Improving Reproducibility in Mouse Models: The Importance of Multi-Level Communication for Reducing Genotyping Inconsistency <i>Speaker:</i> Sylvie Jacquot, FR	10:51 - 11:09
S3B4.4	Quality Management, a Way to Improve the 3Rs in the Animal Facilities <i>Speaker:</i> Roberto Plasenzotti, AT	11:09 - 11:27
S3B4.5	Exchange of Experience on Critical Incidents With the Help of CIRS-LAS Improves Animal Welfare <i>Speaker:</i> Sabine Bischoff, DE	11:27 - 11:45

C: Education and Training: Communication towards the Future

10:15 - 11:45

PC.1.3

S3C1 - Use of Survey Data to Forecast Future Trends in Laboratory Animal Science*Chair:* Ann Turner, US*Co-Chair:* Klas Abelson, DK

S3C1.1	Overview of the Association and Its Research Agenda <i>Speaker:</i> Ann Turner, US	10:15 - 10:30
S3C1.2	Diversity and Inclusion <i>Speaker:</i> Ann Turner, US	10:30 - 10:50
S3C1.3	Compensation Survey <i>Speaker:</i> Sally Westlake, US	10:50 - 11:05
S3C1.4	Job Analysis Survey <i>Speaker:</i> Sally Westlake, US	11:05 - 11:30
S3C1.5	Additional Data <i>Speaker:</i> Ann Turner, US	11:30 - 11:45

C: Education and Training: Communication towards the Future

10:15 - 11:45

PC.2.2

W3C2 - The Art of Rodent Anesthesia 101 – Made Easy*Chair:* Cholawat Pacharinsak, US**Speakers***Speaker:* Cholawat Pacharinsak, US*Speaker:* Patrick Sharp, US

10:15 - 11:45

Keynote

11:45 - 12:45

PH

K31 - More than 3Rs - The Principles of Humane Experimental Technique*Chair:* Jan-Bas Prins, GB

K31

More than 3Rs - the Principles of Humane Experimental Technique

11:45 - 12:45

Speaker: Hanno Würbel, CH*Breaks & Networking*

12:45 - 14:15

Exhibition hall

Lunch break | Commercial workshops*Commercial Workshop*

13:00 - 14:00

PC.1.4

Janvier Labs - Creation and Characterization of (Humanized) Rodent Models for Immuno-Oncology**Speaker**

13:00 - 14:00

Speaker: Alexander Aslanidis, DE*Commercial Workshop*

13:00 - 14:00

PC.1.5

UNO Life Science Solutions - General Considerations in Bloodsampling and Infusion Studies*Chair:* J. Adriaan Schmal, NL**Speakers**

13:00 - 14:00

Speaker: Edwin Spoelstra, NL*Speaker:* Shelly Carballo, US*Commercial Workshop*

13:00 - 14:00

Marseilleveyre

Tecniplast SpA - Next-level Housing and Infrastructure Plans: Improving Animal Model Translation, Welfare, and Operational Efficiencies through Automation of Facilities and Housing*Chair:* John Hasenau, US**Speakers**

13:00 - 14:00

Speaker: John Hasenau, US*Speaker:* Jeffrey Zinda, US*F: My 3Rs in 180 seconds*

14:15 - 15:45

PH

S3F1 - My 3Rs in 180 Seconds*Chair:* Athanassia Sotiropoulos, FR*Co-Chair:* Samuel Vidal, FR**Introduction**

14:15 - 14:20

Speaker: Athanassia Sotiropoulos, FR

S3F1.01

Development of an Anatomical and Physiological Non-Human Primate Respiratory Model to Study Aerosol Deposition

14:20 - 14:25

Speaker: Justina Creppy, FR

S3F1.02

Enhancing Animal Welfare by Olfactory Enrichment: The Impact of Soiled Bedding on Abnormal Repetitive Behaviors

14:25 - 14:30

	<i>Speaker:</i> Katharina Tillmann, AT	
S3F1.03	Refining the Weaning Age of Rhesus Macaques Destined for Use in Neuroscience Research <i>Speaker:</i> David Massey, GB	14:30 - 14:35
S3F1.04	Optimization of Skin Sensitization Testing Strategy <i>In Vitro</i> for Medical Device Extracts <i>Speaker:</i> Lada Svobodova, CZ	14:35 - 14:40
S3F1.05	Long-Term Analgesia Following a Single Application of a Fentanyl Transdermal Solution in Pigs <i>Speaker:</i> Rebecca Goutchtat, FR	14:40 - 14:45
S3F1.06	3R Refined Intrathecal Administration in the Rat <i>Speaker:</i> Esther Kooijman, NL	14:45 - 14:50
S3F1.07	The Human Gut Organoid, a Promising Model to Study Enterovirus Infection and Disease Pathogenesis <i>Speaker:</i> Ikrame Aknouch, NL	14:50 - 14:55
S3F1.08	3D Printed Rodent Skin-Skull-Brain Model: A Novel Animal-Free Approach for Neurosurgical Training <i>Speaker:</i> Marie Bainier, CH	14:55 - 15:00
S3F1.09	Pilltech – a Refined, Metabolic Inert and Animal Welfare Friendly Tool for Oral Drug Dosing <i>Speaker:</i> Inês Preguiça, PT	15:00 - 15:05
S3F1.10	3R Blackboard: A Platform for Animal and Organ Sharing <i>Speaker:</i> Magdalena Anna Czubala, GB	15:05 - 15:10
S3F1.11	Giggling Together - Stress Reduction of Apprentices and Rats by Tickling <i>Speaker:</i> Christine Bauer, CH	15:10 - 15:15
S3F1.12	3Rs Importance in Practical Teaching: Study of Cardiorespiratory Physiology with a Non-Invasive Telemetric Jacket <i>Speaker:</i> Agathe Cambier, FR	15:15 - 15:20
S3F1.13	3D-Printed Rodent Models – a Practical Implementation of the 3Rs in Lab Animal Training <i>Speaker:</i> Felix Gantenbein, CH	15:20 - 15:25
S3F1.14	The Role of Noninvasive Multi-Modality Imaging to Imply 3R Principle in Cancer Research <i>Speaker:</i> Ying Zhao, SE	15:25 - 15:30
S3F1.15	Housing Effects on Cortisol and Body Fat Levels in Captive Female Rhesus Macaques <i>Speaker:</i> Dian Zijlmans, NL	15:30 - 15:35

D: Communicating between Peers, Authorities and the Public

14:15 - 15:45

PC.1.1

S3D4 - The Role of Non-Technical Summaries in Effective Communication on Animal Research to the Public*Chair:* Bob Tolliday, GB*Co-Chair:* Peternella S. Verhave, NL

S3D4.1	The Role of Non-Technical Summaries in Effective Communication on Animal Research to the Public <i>Speaker:</i> Javier Guillén, ES	14:15 - 14:30
S3D4.2	Benefits of and Expectations for Improving Transparency through Non-Technical Project Summaries <i>Speaker:</i> Susanna Louhimies, BE	14:30 - 14:45
S3D4.3	NGO Perspective: Do Summaries Improve Transparency of Where, Why and How Animals are Used? <i>Speaker:</i> Katy Taylor, GB	14:45 - 15:00
S3D4.4	Talking about Harms <i>Speaker:</i> Barney Reed, GB	15:00 - 15:15
S3D4.5	Addressing the 3 Rs in Non-Technical Project Summaries <i>Speaker:</i> Thomas Bertelsen, DK	15:15 - 15:30
	Discussion	15:30 - 15:45

C: Education and Training: Communication towards the Future

14:15 - 15:45

PC.1.2

S3C3 - Scientific Communication: Who Is that Mouse and Does It Matter?*Chair:* Cory Brayton, US*Co-Chair:* Yann Herault, FR

S3C3.1	Immune Sufficient Mice: Famous Mice, Names and Variants <i>Speaker:</i> Cory Brayton, US	14:15 - 15:00
S3C3.2	Immune Deficient Mice: Famous Mice, Names and Variants <i>Speaker:</i> Cory Brayton, US	15:00 - 15:45

B: Communication and culture of care

14:15 - 15:45

PC.1.3

S3B5 - Rehoming Considerations and Strategies. Session I*Chair:* Monique Janssens, NL*Co-Chair:* Emilie Ecuier, FR

S3B5.1	Rehoming Lab Animals: Doing the Right Thing <i>Speaker:</i> Monique Janssens, NL	14:15 - 14:20
S3B5.2	General Considerations for the Rehoming of Animals Used for Scientific and Educational Purposes <i>Speaker:</i> Christel Palmyre Henri Moons, BE	14:20 - 14:45
S3B5.3	Rehoming Lab Animals - Strategies and Partnerships <i>Speaker:</i> Fred Poelma, NL	14:45 - 15:05

S3B5.4 **Rehoming of Cats—Important Considerations to Make the Story a Success** 15:05 - 15:25
Speaker: Andrea Monika Spiri, CH

S3B5.5 **Considerations for Rehoming of Mice, Rats and Rabbits** 15:25 - 15:45
Speaker: Jackie Boxall, GB

D: Communicating between Peers, Authorities and the Public
 14:15 - 15:45

PC.1.4

S3D5 - Preregistration of Animal Study Protocols – Increase Value through Transparency

Chair: Steven Chamuleau, NL

Co-Chair: Elodie Bouchoux, FR

Introduction 14:15 - 14:20
Speaker: Steven Chamuleau, NL

S3D5.1 **Where Have All the Mice Gone? - a Publication Rate Study** 14:20 - 14:40
Speaker: Kimberley Wever, NL

S3D5.2 **Preclinicaltrials.EU: The Benefits of Preregistration and the Influence of Authorities and Peers** 14:40 - 15:00
Speaker: Julia Menon, NL

S3D5.3 **Researchers' Attitudes Toward Preregistration** 15:00 - 15:20
Speaker: Mira van der Naald, NL

Discussion 15:20 - 15:45

E: The Parallel Route
 14:15 - 15:45

PC.1.5

S3E1 - Anaesthesia & Analgesia: Great and Small, New and Refined

Chair: Delphine Bouard, FR

Co-Chair: Kévin P. Dhondt, FR

S3E1.1 **Can Thermal Support during Anesthesia Induction Minimize Body Temperature Loss over the Whole Procedure?** 14:15 - 14:33
Speaker: Brianna N. Gaskill, US

S3E1.2 **Anaesthesia Induced Memory Impairment: The Silent Variable** 14:33 - 14:51
Speaker: Jorge M. Ferreira, PT

S3E1.3 **Effect of Isoflurane or Ketamine/Xylazine on the Murine Immune Response to Influenza Vaccination** 14:51 - 15:09
Speaker: Tommaso Virgilio, CH

S3E1.4 **Anaesthesia and Analgesia for Cattle, Sheep, Goats and Pigs Used in Biomedical Research** 15:09 - 15:27
Speaker: Eddie Clutton, GB

S3E1.5 **Refinement of Post-Operative Pain Management in Göttingen Minipigs** 15:27 - 15:45
Speaker: Cathrine Juel Bundgaard, DK

Breaks & Networking

15:45 - 16:30

Exhibition hall

Coffee break*E: The Parallel Route*

16:30 - 18:00

PH

S3E2 - Advances and Challenges in Gnotobiology, a Review of Current Issues*Chair:* Patrick Hardy, FR*Co-Chair:* Marijana Basic, DE

	Introduction	16:30 - 16:40
	<i>Speaker:</i> Patrick Hardy, FR	
S3E2.1	Fighting against the Odds: Establishment of a New Germfree Animal Facility during Global Pandemic	16:40 - 17:00
	<i>Speaker:</i> Alessia Montesano, DE	
S3E2.2	Bacterial Viability Monitoring as a Screening Tool for Detection of Contaminants in a Germ-Free Husbandry	17:00 - 17:20
	<i>Speaker:</i> Stephanie Buchheister, DE	
S3E2.3	Monitoring of Gnotobiotic Experiments Performed in Microisolator Cages	17:20 - 17:40
	<i>Speaker:</i> Marijana Basic, DE	
S3E2.4	Loss of Oligo-Mouse-Microbiota <i>Lachnospiraceae</i> Members Does Not Increase the Susceptibility to Murine Norovirus-Triggered Colitis	17:40 - 18:00
	<i>Speaker:</i> Kodwo Appoh Odum, DE	

A: Communication with and Between Animals

16:30 - 18:00

PC.1.1

S3A3 - Severity Assessment*Chair:* Bogdan Sevastre, RO*Co-Chair:* Wim de Leeuw, NL

S3A3.1	Joint Effort of 3 Belgian Academic Institutions to Standardize Prospective Severity Assessment	16:30 - 16:48
	<i>Speaker:</i> Stephanie De Vleeschauwer, BE	
S3A3.2	Improved Assessment of Severity Score Sheets by Means of an Advanced Analytical Dashboard	16:48 - 17:06
	<i>Speaker:</i> Giulia Forcellini, IT	
S3A3.3	Estimating Severity Means Estimating Cumulative Severity	17:06 - 17:24
	<i>Speaker:</i> Wim de Leeuw, NL	
S3A3.5	Designing a Score Sheet for Welfare Assessment of the Emerging Fish Model <i>Nothobranchius furzeri</i>	17:24 - 17:42
	<i>Speaker:</i> Daniela Giaquinto, IT	
S3A3.6	Comparative Severity Assessment of Genetic, Stress-Based and Pharmacological Mouse Models of Depression	17:42 - 18:00
	<i>Speaker:</i> Anne S. Mallien, DE	

D: Communicating between Peers, Authorities and the Public

16:30 - 18:00

PC.1.2

S3D6 - Research Quality - Experimental Design

Chair: Nuno Henrique Franco, PT

Co-Chair: Merel Ritskes-Hoitinga, NL

S3D6.1	Ensuring Value in Research Funder Forum Preclinical Working Group: Communication between Funders and Disciplines <i>Speaker:</i> Merel Ritskes-Hoitinga, NL	16:30 - 16:47
S3D6.2	Randomice, a User-Friendly Randomization Tool in Animal Research <i>Speaker:</i> Ivo A. C. W. Tiebosch, NL	16:47 - 17:04
S3D6.3	Informing Sample Size Choices for Confirmatory Preclinical Studies <i>Speaker:</i> Meggie Danziger, DE	17:04 - 17:21
S3D6.4	Communicating Study Outcomes: Significance and Power are Not Enough <i>Speaker:</i> Bernhard Voelkl, CH	17:21 - 17:38
S3D6.5	Navigating Preclinical Confirmatory Multicenter Trials <i>Speaker:</i> Natascha Drude, DE	17:38 - 17:55

B: Communication and culture of care

16:30 - 18:00

PC.1.3

S3B6 - Rehoming Considerations and Strategies. Session II

Chair: Javier Guillén, ES

Chair: Paulin Jirkof, CH

S3B6.1	Considerations for the Rehoming of Pigs, Minipigs, Horses and Camelids <i>Speaker:</i> Emilie Ecuer, FR	16:30 - 16:50
S3B6.2	Re-Homing of Small Laboratory Species - a University Perspective <i>Speaker:</i> Paulin Jirkof, CH	16:50 - 17:15
	Panel Discussion <i>Speaker:</i> Emilie Ecuer, FR <i>Speaker:</i> Monique Janssens, NL <i>Speaker:</i> Christel Palmyre Henri Moons, BE <i>Speaker:</i> Paulin Jirkof, CH	17:15 - 18:00

D: Communicating between Peers, Authorities and the Public

16:30 - 18:00

PC.1.4

S3D7 - Interdisciplinary Dialogues around Animal Research and Care

Chair: I. Anna S. Olsson, PT

Co-Chair: Klas Abelson, DK

	Introduction <i>Speaker:</i> I. Anna S. Olsson, PT	16:30 - 16:35
S3D7.1	Diagramming Dialogues: Reimagining Conversations Around	16:35 - 16:55

	Patient Involvement and Animal Research	
	<i>Speaker:</i> Gail Davies, GB	
S3D7.2	The Mouse Exchange: What Can Curiosity-Driven Public-Engagement Activities Contribute to Work Around Animal Research?	16:55 - 17:15
	<i>Speaker:</i> Emma Roe, GB	
S3D7.3	Working on the Edge - Transforming Human/Non-Human Relationships through Non-Transactional Interdisciplinary Practice	17:15 - 17:35
	<i>Speaker:</i> Louise Mackenzie, GB	
S3D7.4	Subtle Sounds_ Queer Laughter	17:35 - 17:55
	<i>Speaker:</i> Kathy High, US	
	Final Remarks	17:55 - 18:00

Wednesday, 15. June 2022

D: Communicating between Peers, Authorities and the Public
08:00 - 09:30

PH

S4D1 - Moving Towards Openness on Animal Research: How National Transparency Agreements Are Transforming the Conversation with the European Public

Chair: Kirk Leech, GB

Co-Chair: Javier Guillén, ES

Introduction

08:00 - 08:10

Speaker: Kirk Leech, GB

Speakers

08:10 - 08:50

Speaker: Javier Guillén, ES

Speaker: Monique Havermans, NL

Speaker: Wendy Jarrett, GB

Speaker: Serban Morosan, FR

Speaker: Ana Isabel Santos, PT

Speaker: Roman Stilling, DE

Discussion

08:50 - 09:30

G: Tech Day
08:00 - 09:30

PC.1.6

S4G1 - Tech Day Session: Culture of Care in Practice

Chair: Ken Applebee, GB

Chair: Angela Kerton, GB

S4G1.1 Culture of Care – Setting the Scene

08:00 - 08:30

Speaker: Susanna Louhimies, BE

S4G1.2 Raising Concerns - Culture of Care

08:30 - 09:00

Speaker: Kathy Ryder, GB

S4G1.3 Creating Spaces and Resources to Recognize and Support the Emotional Labour of Animal Technologists

09:00 - 09:30

Speaker: Beth Greenhough, GB

Speaker: Jordi L. Tremoleda, GB

D: Communicating between Peers, Authorities and the Public
08:00 - 09:30

PC.1.1

S4D2 - Aquatics: Welfare and Pain Management

Chair: Livia D'Angelo, IT

Co-Chair: Jean-Philippe Mocho, GB

S4D2.1 Prepare for Fish Research

08:00 - 08:15

Speaker: Adrian Smith, NO

S4D2.2 Health Monitoring for Fish in Research: Recommendations from the FELASA-AALAS Working Group

08:15 - 08:30

Speaker: Jean-Philippe Mocho, GB

S4D2.3 Advanced Reporting Module for Aquatic Animals in Zebrafishbase

08:30 - 08:45

Speaker: Jana Oltova, CZ

S4D2.4	FELASA Working Group Report: Pain Management in Zebrafish <i>Speaker:</i> Lynne Sneddon, SE	08:45 - 09:00
S4D2.5	Enrichment for Laboratory Zebrafish - Sharing and Implementing Good Practice <i>Speaker:</i> Chloe Stevens, GB	09:00 - 09:15
S4D2.6	Capture and Transport of Live Cephalopods: Recommendations for Scientific Purposes-Outcomes from WG FELASA <i>Speaker:</i> Graziano Fiorito, IT	09:15 - 09:30

C: Education and Training: Communication towards the Future

08:00 - 09:30

PC.1.2

S4C1 - Innovative Approaches to Education and Training in LAS*Chair:* Marcel Gyger, GB*Co-Chair:* Dolores Bonaparte, PT

S4C1.1	Congento Remote Las Training - Making Ends Meet with a Simple, Low Budget Strategy <i>Speaker:</i> Dolores Bonaparte, PT	08:00 - 08:15
S4C1.2	How Edit and Manage an Interactive LAS Textbook of 3,000 Pages on E-Format <i>Speaker:</i> José M. Orellana, ES	08:15 - 08:30
S4C1.3	"Improve Your Skills" – the Innovative 3R-Skills Lab of the 3R-Centre Giessen <i>Speaker:</i> Lea Benner, DE	08:30 - 08:45
S4C1.4	Open Access Training Resources: E-Learning Module on Searching for Non-Animal Alternatives <i>Speaker:</i> Julia Menon, NL	08:45 - 09:00
S4C1.5	Virtual Reality and New Media in the Master Program for Laboratory Animal Science (MLAS) <i>Speaker:</i> Julia Steitz, DE	09:00 - 09:15
S4C1.6	3R's Advanced Simulation in Surgical and Medical Training in Image-Guided Minimally Invasive Procedures <i>Speaker:</i> Fanélie Wanert, FR	09:15 - 09:30

B: Communication and culture of care

08:00 - 09:30

PC.1.3

S4B1 - The Designated Veterinarian: Same Job, Different Views*Chair:* Samuel Vidal, FR*Co-Chair:* Osman Yilmaz, TR

	Introduction <i>Speaker:</i> Samuel Vidal, FR	08:00 - 08:05
S4B1.1	"A Rose by Any Other Name"...Designated Veterinarian / Named Veterinary Surgeon in the UK <i>Speaker:</i> Lucy Whitfield, GB	08:05 - 08:15
S4B1.2	A Point of View from Spain	08:15 - 08:25

	<i>Speaker:</i> Angel Naranjo Pino, ES	
S4B1.3	The Designated Veterinarian in Luxembourg <i>Speaker:</i> Marthe Schmit, LU	08:25 - 08:35
S4B1.4	The Roles of Designated Veterinarian in Croatia <i>Speaker:</i> Dasa Seveljevic, HR	08:35 - 08:50
S4B1.5	The Role of Designated Veterinarian in Greece <i>Speaker:</i> Vasileios Ntafis, GR	08:50 - 09:00
S4B1.6	The Roles of Attending Veterinarians in the United States <i>Speaker:</i> Fernando Benavides, US	09:00 - 09:10
	Discussion	09:10 - 09:30
<i>Breaks & Networking</i>		
	09:30 - 10:15	Exhibition hall
Coffee break		
<i>E: The Parallel Route</i>		
	09:30 - 10:15	ePoster Area
P4E - ePosters		
<i>E: The Parallel Route</i>		
	09:33 - 10:15	ePoster Area
P4E1 - ePoster Station 1 - It's All About Education and Training		
<i>Chair:</i> Nikos Kostomitsopoulos, GR		
	Introduction	09:33 - 09:35
	<i>Speaker:</i> Nikos Kostomitsopoulos, GR	
PC02	Adapting Training Structure during the COVID-19 Pandemic: The Experience of Fondazione Guido Bernardini <i>Speaker:</i> Federica Baldin, IT	09:35 - 09:38
PC03	Best Practice in Animal Welfare Education for Roche Apprentices <i>Speaker:</i> Christine Bauer, CH	09:38 - 09:41
PA02	Validation of Reproducibility after E.coli Nissle Infection in Intestinal Organoids <i>Speaker:</i> Andre Bleich, DE	09:41 - 09:44
PC06	Fulfill 3R in Practical Courses with Mice, and the Cherry on the Cake: 5R <i>Speaker:</i> Valentine Bouet, FR	09:44 - 09:47
PC12	Assessment of Researcher's Practical Skills in Laboratory Animal Sciences Courses <i>Speaker:</i> I. Anna S. Olsson, PT	09:47 - 09:50
PC13	Importance of Laboratory Animal Science Training in an Education Institution	09:50 - 09:53

	<i>Speaker:</i> Anelise Maria Costa Vasconcelos Alves, BR	
PC17	Setting Up Virtual Practical Workshops in Regulatory Education/Training Courses for Laboratory Animal Users <i>Speaker:</i> Jean-Claude Desfontis, FR	09:53 - 09:56
PC19	'How We've Always Done It': Facing Difficulties in Virtual Learning <i>Speaker:</i> Karen Dunford, GB	09:56 - 09:59
PC25	Education in the Laboratory Animal Science in Oncology; Experience in Center of Molecular Immunology. <i>Speaker:</i> Addys Gonzalez Palomo, CU	09:59 - 10:02
PC29	Challenges in the Teaching of Laboratory Animal Science and the Need to Improve Openness. <i>Speaker:</i> Gabriella Korsós, HU	10:02 - 10:05
PC30	How Do Trainees Evaluate Realtime Online and Live Lectures in Laboratory Animal Science Course? <i>Speaker:</i> Pavlos Lelovas, GR	10:05 - 10:08
PC31	Competence Assessment Methodology Development for Laboratory Rodents Handling in Congento, a Portuguese Research Infrastructure <i>Speaker:</i> Sofia Leocádio, PT	10:08 - 10:11

E: The Parallel Route

09:33 - 10:15

ePoster Area

P4E5 - ePoster Station 5 - It's All About Welfare*Chair:* Jan Langermans, NL

	Introduction <i>Speaker:</i> Jan Langermans, NL	09:33 - 09:35
PD21	The Nasal Potential Difference Test for Assessing Cystic Fibrosis Disease Severity: A Systematic Review. <i>Speaker:</i> Cathalijn Leenaars, DE	09:35 - 09:38
PA09	Assessment of Wellbeing and Pain in a <i>Citrobacter rodentium</i> Infection Mouse Model <i>Speaker:</i> Jonathan Gehring, DE	09:38 - 09:41
PA10	Development of a Camelid Grimace Scale to Recognize Pain in Llamas and Alpacas <i>Speaker:</i> Marc Geldhof, BE	09:41 - 09:44
PC27	One Size Does Not Fit All – Better Animal Welfare by Designing Better Score Sheets <i>Speaker:</i> Maike Heimann, CH	09:44 - 09:47
PE26	Development of a Protocol for Assessing the Welfare of a Research Sheep Flock <i>Speaker:</i> Vanessa Louzier, FR	09:47 - 09:50

PA15	Modulation of Nociception by Noradrenaline and Serotonin Receptor Systems in Speke's Hinge-Back Tortoise <i>Speaker:</i> Christopher Musembi Makau, DK	09:50 - 09:53
PA16	A Comparison of Welfare Indicators of Group Housed Rats in Semi-Naturalistic and Standard Cages. <i>Speaker:</i> Richard Mavunganidze, ZA	09:53 - 09:56
PB20	Third Party Assessments: Introducing a New Standard to Improve Animal Welfare <i>Speaker:</i> Matthew McLoughlin, US	09:56 - 09:59
PB27	Versatile E-Score Sheet Table for Severity Evaluation with Free and Open Access <i>Speaker:</i> José M. Orellana, ES	09:59 - 10:02
PE32	Monitoring of Pain and Wellbeing in a Chronic Colitis <i>IL10</i> -Deficient Mouse Model <i>Speaker:</i> Pia Pascale Peppermüller, DE	10:02 - 10:05
PA21	Mice Welfare Assessment after Heterologous Red Blood Cell Transfusion <i>Speaker:</i> Nikolaos Sarakavazis, GR	10:05 - 10:08
PA28	Multimodal Severity Assessment in Laboratory Sheep after Surgery <i>Speaker:</i> Eva Zentrich, DE	10:08 - 10:11
<i>E: The Parallel Route</i> 09:33 - 10:15		ePoster Area
P4E4 - ePoster Station 4 - It's All About Mitigating Adverse Effects <i>Chair:</i> Virginie Dangles-Marie, FR		
	Introduction <i>Speaker:</i> Virginie Dangles-Marie, FR	09:33 - 09:35
PC24	Innovative Animal-Free Training to Stereotaxic Neurosurgery <i>Speaker:</i> Damien Gervasoni, FR	09:35 - 09:38
PE13	Autologous Blood-Derived Patches: A New Means of Preventing Postsurgical Adhesions <i>Speaker:</i> Morten Eskildsen, DK	09:38 - 09:41
PC21	Poster for Guidance on Aseptic Technique during Rodent Surgery <i>Speaker:</i> Felix Gantenbein, CH	09:41 - 09:44
PC22	Systematic Review on Guidelines for Good Surgical Practice in Experimental Rodent Surgery <i>Speaker:</i> Felix Gantenbein, CH	09:44 - 09:47
PC23	Survey on Current Training Practices of Rodent Surgeons <i>Speaker:</i> Felix Gantenbein, CH	09:47 - 09:50
PA07	Evaluation of Metamizole and Buprenorphine as Post-	09:50 - 09:53

	Laparotomy Analgesic Agents in Rats <i>Speaker:</i> Fatima-Zahra Khamlichi, FR	
PB15	Refining Ketamine Anesthesia in C57BL/6 Mice <i>Speaker:</i> Petra Buhr, DK	09:53 - 09:56
PE29	Molecular Hydrogen Protects Mouse Sperm Mitochondria from Oxidative Stress and Improves Sperm Motility <i>Speaker:</i> Yoshihiro Noda, JP	09:56 - 09:59
PE31	Improved <i>In Vitro</i> Fertilization Rate after Oral Treatment of Male B6N Mice with D-Aspartate <i>Speaker:</i> Manon Peltier, DE	09:59 - 10:02
PC35	Serum Buprenorphine, Corticosterone and Clinical Efficacy of Oral Buprenorphine in Rats Undergoing Major Surgery <i>Speaker:</i> Henrik Rasmussen, NO	10:02 - 10:05
PB31	Enhanced Perioperative Respiratory Management of Sheep Undergoing Experimental Surgery <i>Speaker:</i> Marzia Stabile, IT	10:05 - 10:08
PE47	Formalin-Fixed, Paraffin-Embedded Samples in Animal Research: A Source for RNA Expression Analysis <i>Speaker:</i> Ana Unkovi?, SI	10:08 - 10:11

E: The Parallel Route
09:33 - 10:15

ePoster Area

P4E2 - ePoster Station 2 - It's All About Innovation and Improvement

Chair: Boris Jerchow, CH

	Introduction <i>Speaker:</i> Boris Jerchow, CH	09:33 - 09:35
PC07	3Rs Importance in Practical Teaching: Study of Cardiorespiratory Physiology with a Non-Invasive Telemetric Jacket <i>Speaker:</i> Agathe Cambier, FR	09:35 - 09:38
PC26	Toward the Development of a 3D Simulator for Training the Mouse <i>In Utero</i> Electroporation <i>Speaker:</i> Fernando Gonzalez-Uarquin, DE	09:38 - 09:41
PB10	Connecting the Virtual Mouse House to the Real World <i>Speaker:</i> Astrid Fabry, AT	09:41 - 09:44
PD10	Transition from Data Anarchy to Professional Colony Management Database Scenario: Dataflow and Communication Strategies <i>Speaker:</i> Sara Fuochi, CH	09:44 - 09:47
PE40	State of the Art Rodent Strain Documentation Software <i>Speaker:</i> Doris Schneller, DE	09:47 - 09:50
PD12	MRI to Improve Animal Research	09:50 - 09:53

	<i>Speaker:</i> Diane Genieis, FR	
PE22	Skeletal Malformations in Mice and the Magic of X-Ray Diagnostics <i>Speaker:</i> Britta Klein, DE	09:53 - 09:56
PE24	CMS: A Refinement and Reduction Initiative that Can also Increase Data Quality <i>Speaker:</i> Janne Koch, DK	09:56 - 09:59
PC39	Anidrop, an Innovative 3R Tool for All <i>Speaker:</i> Julien Thévenet, FR	09:59 - 10:02
PE35	Vitrification of Mouse Embryos in IMBB-FORTH Mouse Facility <i>Speaker:</i> Hara Roumpaki, GR	10:02 - 10:05
PA11	E-C@GE: Instrumentation for Remote Measurement and Management of Laboratory Animal Welfare <i>Speaker:</i> Damien Gervasoni, FR	10:05 - 10:08
PD22	Optimising Nasal Potential Difference Testing in Mice <i>Speaker:</i> Cathalijn Leenaars, DE	10:08 - 10:11

E: The Parallel Route
09:35 - 10:15

ePoster Area

P4E3 - ePoster Station 3 - It's All About Rats

Chair: Bogdan Sevastre, RO

	Introduction <i>Speaker:</i> Bogdan Sevastre, RO	09:35 - 09:37
PA04	A Super Enriched Cage for Rats and Staff <i>Speaker:</i> Tina Brønnum Pedersen, DK	09:37 - 09:40
PC43	Rederivation of Streptococcus - Infected Rats by Cesarean Section and Cross Fostering -Practical Aspects. <i>Speaker:</i> Katarzyna Joanna Zelewska, NO	09:40 - 09:43
PC11	Evaluation of a New Telemetry Jacket System for Rats <i>Speaker:</i> Valerie Cordier, CH	09:43 - 09:46
PA14	Socializing the Diet Induced Obese Rat – No More Grumpy Old Rats <i>Speaker:</i> Maria Kiersgaard, DK	09:46 - 09:49
PE21	Bodyweight, Locomotion, and Behavioral Responses in the Naked Mole-Rat (<i>Heterocephalus glaber</i>) after Lipopolysaccharide Administration <i>Speaker:</i> Mosiany Kisipan, DK	09:49 - 09:52
PC36	Handling of Rats for Beginners <i>Speaker:</i> Rita Sanchez-Brandelik, DE	09:52 - 09:55
PA24	Effects of Anti-Inflammatory Drugs on Induced Chronic Inflammation in the Naked Mole Rat	09:55 - 09:58

	<i>Speaker:</i> Jesse Thuo, DK	
PA26	Metabolic Rate during Simulated Dispersal in Strictly Subterranean Rodent, the Giant Mole-Rat (<i>F. mechowii</i>)	09:58 - 10:01
	<i>Speaker:</i> Zuzana Vavrušková, CZ	
PC08	Refining the Implementation of Surgical Protocols: Benefits of Non-Invasive Cardiorespiratory Monitoring in Rat	10:01 - 10:04
	<i>Speaker:</i> Agathe Cambier, FR	

B: Communication and culture of care
10:15 - 11:45

PH

S4B2 - Working Together to End 'Severe' Suffering

Chair: Barney Reed, GB

Co-Chair: Merel Ritskes-Hoitinga, NL

S4B2.1	Introduction to the Session - Working Together to End 'Severe' Suffering	10:15 - 10:25
	<i>Speaker:</i> Barney Reed, GB	
S4B2.2	The Designated Veterinarian, a Team Player in the Refinement of Severe Procedures	10:25 - 10:40
	<i>Speaker:</i> Elodie Bouchoux, FR	
S4B2.3	Reducing Suffering and Implementing Refinements Is a Team Effort	10:40 - 10:55
	<i>Speaker:</i> Linda Horan, GB	
S4B2.4	A Culture of Dare – Animal Welfare Bodies and the End of Severe Suffering	10:55 - 11:10
	<i>Speaker:</i> Nuno Henrique Franco, PT	
S4B2.5	Communication Facilitated on Reducing and Finally Ending Severe Suffering	11:10 - 11:25
	<i>Speaker:</i> Leif R. Lund, DK	
	Discussion	11:25 - 11:45

G: Tech Day
10:15 - 11:45

PC.1.6

S4G2 - Tech Day Session: Reducing Rodent Aggression and Understanding What Mice Are Telling You?

Chair: Ken Applebee, GB

Chair: Aurora Brønstad, NO

S4G2.1	Stay Out of My Territory - Understanding and Mitigating Male Mouse Aggression	10:15 - 10:40
	<i>Speaker:</i> Tamara Baker, GB	
S4G2.2	Mice Can also Be in Zen	10:40 - 11:05
	<i>Speaker:</i> Maria Kiersgaard, DK	
S4G2.3	Understanding Communication of Mice: Is There a Value for Animal Welfare Issues?	11:05 - 11:25
	<i>Speaker:</i> Christine Pfeifle, DE	

A: Communication with and Between Animals
10:15 - 11:45

PC.1.1

S4A1 - Animal Behaviour

Chair: Osman Yilmaz, TR

Co-Chair: Brianna N. Gaskill, US

S4A1.1	Assessing Physiologic and Behavioral Effects of the Resident-Intruder Psychosocial Stress Paradigm <i>Speaker:</i> Rebecca Ober, US	10:15 - 10:35
S4A1.2	Monitoring Animal Behavior Disturbed by Construction Activities <i>Speaker:</i> Markus Brielmeier, DE	10:35 - 10:55
S4A1.3	Modulating Captive Mammalian Social Behavior: A Scoping Review on Olfactory Treatments <i>Speaker:</i> Brianna N. Gaskill, US	10:55 - 11:15
S4A1.4	From Mating to Milk Access: A Journey through Reproductive Vocal Communication in Mice <i>Speaker:</i> Sara Capas Peneda, GB	11:15 - 11:35

C: Education and Training: Communication towards the Future
10:15 - 11:45

PC.1.2

S4C2 - Mutual Acceptance of Education and Training – How to Build Trust on the Quality of Training and Competence Claims

Chair: Susanna Louhimies, BE

Co-Chair: Jan-Bas Prins, GB

S4C2.1	A Voluntary EU Education and Training Framework in Support of Harmonisation <i>Speaker:</i> Susanna Louhimies, BE	10:15 - 10:31
S4C2.2	Assuring Competence: Process, Consistency and Transparency in Assessment <i>Speaker:</i> Lucy Whitfield, GB	10:31 - 10:47
S4C2.3	Promoting Consistency in Severity Classification Training across Time and Space <i>Speaker:</i> Dolores Bonaparte, PT	10:47 - 11:03
S4C2.4	Competence in Laboratory Animal Science: Tips and Traps for Mutual Recognition <i>Speaker:</i> Rafael Frías, SE	11:03 - 11:19
S4C2.5	ETPLAS for the Benefit of Free Movement of Researchers and Mutual Quality Standards across Europe <i>Speaker:</i> Jan-Bas Prins, GB	11:19 - 11:35

B: Communication and culture of care
10:15 - 11:45

PC.1.3

S4B3 - FELASA Today and Tomorrow - How Can You Contribute?

Chair: Jean-Philippe Mocho, GB

Co-Chair: Samuel Vidal, FR

S4B3.1	FELASA Today and Tomorrow - How Can You Contribute? <i>Speaker:</i> Belen Pintado, ES	10:15 - 10:30
S4B3.2	How You Can Contribute to ICLAS <i>Speaker:</i> Cynthia Pekow, US	10:30 - 10:45
S4B3.3	The European Animal Research Association <i>Speaker:</i> Kirk Leech, GB	10:45 - 11:00
S4B3.4	Laboratory Animal Science Harmonization through Collaboration <i>Speaker:</i> Scott Mischler, US	11:00 - 11:15
S4B3.5	FELASA Working Groups – Communication between and with LAS Community and Legislators <i>Speaker:</i> Martina Dorsch, DE	11:15 - 11:30
	Discussion	11:30 - 11:45

C: Education and Training: Communication towards the Future
10:15 - 11:45

PC.1.4

W4C3 - Come Breed with Us! The Interactive Colony Management Workshop for Virtual GA Mouse Colonies

Chair: Sara Wells, GB

Speakers

10:15 - 11:45

Speaker: Michelle Stewart, GB

Speaker: Lydia Teboul, GB

Speaker: Sara Wells, GB

B: Communication and culture of care
10:15 - 11:45

PC.2.2

W4B4 - Care-Full Stories? Introducing a Training Resource to Explore the ‘Culture of Care’ from the Perspective of Different Stakeholders

Chair: Beth Greenhough, GB

Speakers

10:15 - 11:45

Speaker: Beth Greenhough, GB

Speaker: Angela Kerton, GB

Speaker: Jordi L. Tremoleda, GB

Keynote
11:45 - 12:45

PH

K41 - FELASA Award - Challenging the Norm to Achieve the 3Rs - the Value of Data Sharing, Transparency and Openness

Chair: Belen Pintado, ES

K41	Challenging the Norm - the Value of Data Sharing, Transparency and Openness <i>Speaker:</i> David Smith, GB	11:45 - 12:45
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Breaks & Networking

12:45 - 14:15

Exhibition hall

Lunch break | Commercial workshops*Commercial Workshop*

13:00 - 14:00

PC.1.4

Charles River - Rigor and Reproducibility for Mouse-based Research – Experimental Design and Biological Variables to Consider*Chair:* Kévin P. Dhondt, FR**Speakers**

13:00 - 14:00

Speaker: Kenneth Henderson, US*Speaker:* Patricia Turner, CA*Speaker:* Jean Cozzi, FR*Commercial Workshop*

13:00 - 14:00

Marseilleveyre

Allentown - How Well Your Washer Washes?**Speakers**

13:00 - 14:00

Speaker: Jean-Philippe Mocho, GB*Speaker:* Patrick Hardy, FR*A: Communication with and Between Animals*

14:15 - 15:45

PH

S4A2 - (Sponsored by LAL/LAJ) Emerging Technologies for Animal Welfare Assessment*Chair:* Paulin Jirkof, CH*Co-Chair:* Jan-Bas Prins, GB**Introduction**

14:15 - 14:20

Speaker: Paulin Jirkof, CH

S4A2.1

Getting More from Your Behavior: Using Pose Estimation with Supervised and Unsupervised Machine Learning

14:20 - 14:45

Speaker: Lukas von Ziegler, CH

S4A2.2

Home Cage Monitoring of Animals to Inform Welfare Needs.

14:45 - 15:10

Speaker: Sonia Bains, GB

S4A2.3

Towards an Automated Facial Expression Analysis in Mice Using Deep Learning

15:10 - 15:35

Speaker: Katharina Hohlbaum, DE**Discussion**

15:35 - 15:45

G: Tech Day

14:15 - 15:45

PC.1.6

S4G3 - Tech Day Session: Come Breed with Us!*Chair:* Ken Applebee, GB*Chair:* Angela Kerton, GB

S4G3.1

Come Breed with Us! GA Colony Management Skills

14:15 - 14:45

Speaker: Sara Wells, GB

S4G3.2	Female Companionship to End Social Isolation of Male Mice <i>Speaker:</i> Ivo A. C. W. Tiebosch, NL	14:45 - 15:05
S4G3.3	Improving Group Size Planning of Breedings of Gene-Modified Animals <i>Speaker:</i> Thorsten Buch, CH	15:05 - 15:25
S4G3.4	A Necropsy Protocol for Newborn Mice <i>Speaker:</i> Sara Capas Peneda, GB	15:25 - 15:45

B: Communication and culture of care
14:15 - 15:45

PC.1.1

S4B5 - Culture of Care - Learning from Each Other

Chair: Nuno Henrique Franco, PT

Co-Chair: Javier Guillén, ES

S4B5.1	Assessment of Culture of Care within Laboratory Animal Science Using a Comprehensive Survey Tool <i>Speaker:</i> Thomas Bertelsen, DK	14:15 - 14:35
S4B5.2	Same Animal Care Culture across Different Human Cultures through AAALAC International Accreditation <i>Speaker:</i> Javier Guillén, ES <i>Speaker:</i> Delphine Denais-Lalievé, FR <i>Speaker:</i> Manuel Góngora, CO <i>Speaker:</i> Abdullah M. Assiri, SA <i>Speaker:</i> Daniel Chai Chivatsi, KE <i>Speaker:</i> Montip Gettayacamin, TH	14:35 - 14:55
S4B5.3	Culture of Care: Transparency Initiatives in Germany Part I – Where are We Now? <i>Speaker:</i> Roman Stilling, DE	14:55 - 15:15
S4B5.4	Culture of Care: Transparency Initiatives in Germany Part II – Best Practices and Experiences <i>Speaker:</i> Sabine Bischoff, DE	15:15 - 15:35
	Discussion	15:35 - 15:45

D: Communicating between Peers, Authorities and the Public
14:15 - 15:45

PC.1.2

S4D3 - Comms Strategies and Means

Chair: I. Anna S. Olsson, PT

Co-Chair: Birgit Ledermann, CH

	Introduction <i>Speaker:</i> I. Anna S. Olsson, PT	14:15 - 14:20
S4D3.1	Communication Strategies to Promote Development and Implementation of Laboratory Animal Regulations <i>Speaker:</i> Hanna-Marja Voipio, FI	14:20 - 14:40
S4D3.2	Walking the Tightrope: How to Balance Diverging Expectations from Science, Politics and the Public	14:40 - 15:00

	<i>Speaker:</i> Julia Biederlack, DE	
S4D3.3	It Is Time to Talk <i>Speaker:</i> Birgit Ledermann, CH	15:00 - 15:20
S4D3.4	A Transdisciplinary Tool for Communicating Integrity and Animal Experimentation to High School Students <i>Speaker:</i> I. Anna S. Olsson, PT	15:20 - 15:40

C: Education and Training: Communication towards the Future
14:15 - 15:45

PC.1.3

S4C4 - What Can You Gain from a FELASA Accredited Laboratory Animal Science According to Directive 2010/63/EU?

Chair: Marcel Gyger, GB

Co-Chair: Chris Van Ginneken, BE

S4C4.1	FELASA Accreditation: Ensuring Quality Education and Training in Laboratory Animal Science. <i>Speaker:</i> Nicole Linklater, DE	14:15 - 14:40
S4C4.2	Go, Get (Y)Our LAS Course Accredited! <i>Speaker:</i> Andreas Teubner, NL	14:40 - 15:05
S4C4.3	Classical Versus Online Examinations: Pros and Cons <i>Speaker:</i> Nicole Linklater, DE	15:05 - 15:25
S4C4.4	Skill Training and Assessment in Laboratory Animal Science Courses. <i>Speaker:</i> Chris Van Ginneken, BE	15:25 - 15:45

Breaks & Networking
15:45 - 16:30

Exhibition hall

Coffee break

A: Communication with and Between Animals
16:30 - 18:00

PH

S4A3 - Non-Verbal Communication as Tools to Assess Animal Welfare and to Refine Procedures

Chair: Viola Galligioni, IE

Co-Chair: Martina Perše, SI

	Introduction <i>Speaker:</i> Viola Galligioni, IE <i>Speaker:</i> Martina Perše, SI	16:30 - 16:35
S4A3.1	Assessing Behaviour for Rodent Welfare Monitoring <i>Speaker:</i> Paulin Jirkof, CH	16:35 - 16:55
S4A3.2	Can Hair Steroids Provide Information Regarding Effects of Environment on Rodents Welfare and Behavior? <i>Speaker:</i> Alberto Elmi, IT	16:55 - 17:15
S4A3.3	Clicker Training for Laboratory Rodents – Cognitive Enrichment and Beyond <i>Speaker:</i> Nadine Baumgart, DE	17:15 - 17:35

S4A3.4	Rodents Handling and Training for Stress-Free Procedures <i>Speaker:</i> Therése Ahlström, SE	17:35 - 17:55
	Conclusions	17:55 - 18:00

G: Tech Day
16:30 - 18:00

PC.1.6

S4G4 - Tech Day Session: Talk, Talk and Talk Some More

Chair: Ken Applebee, GB

Chair: Angela Kerton, GB

S4G4.1	How Communication through a Culture of Care Has Opened our High Containment Doors <i>Speaker:</i> Lauren Cresser, GB	16:30 - 16:50
S4G4.2	Using a Refinement Wiki to Enhance Communication <i>Speaker:</i> Adrian Smith, NO	16:50 - 17:20
S4G4.3	Communication with the Future: Laboratory Animal Science in 2042 <i>Speaker:</i> Marcel Frajblat, BR	17:20 - 17:50
S4G4.4	Conclusions from the FELASA-EFAT Working Group <i>Speaker:</i> Klas Abelson, DK	17:50 - 18:00

B: Communication and culture of care
16:30 - 18:00

PC.1.1

S4B6 - Culture of Care - a Collaborative Effort

Chair: Delphine Denais-Lalieve, FR

Co-Chair: Kévin P. Dhondt, FR

	Introduction <i>Speaker:</i> Delphine Denais-Lalieve, FR	16:30 - 16:35
S4B6.2	The Role of Leadership in Creating a Culture of Care <i>Speaker:</i> Caroline Back, SE	16:35 - 16:55
S4B6.3	Connecting Parties for a Responsible Stance Towards Animals <i>Speaker:</i> Monique Janssens, NL	16:55 - 17:15
S4B6.4	Culture and Collaboration between the Clinician-Scientist and Veterinary Specialist: A Vital Interprofessional Partnership <i>Speaker:</i> Rebecca Ober, US	17:15 - 17:35
S4B6.5	Improving Culture of Care through an Efficient and Agile Animal Welfare Body Organization <i>Speaker:</i> Kévin P. Dhondt, FR	17:35 - 17:55

C: Education and Training: Communication towards the Future
16:30 - 18:00

PC.1.2

S4C5 - Better Education for Better Science

Chair: Ranko Stojkovic, HR

Co-Chair: Merel Ritskes-Hoitinga, NL

S4C5.1	New Interdisciplinary and Co-Creative Education Leads to Action Learning for Both Teachers and Students <i>Speaker:</i> Merel Ritskes-Hoitinga, NL	16:30 - 16:45
S4C5.2	Evolving Education to Meet Current and Future Needs <i>Speaker:</i> Steven Cubitt, GB	16:45 - 17:00
S4C5.3	Building Up Laboratory Animal Training Capabilities with International Communities <i>Speaker:</i> Jordi L. Tremoleda, GB	17:00 - 17:15
S4C5.4	Multimodal Approaches for the Implementation of the 3R Principles in Education and Training <i>Speaker:</i> Leonie Ziegowski, DE	17:15 - 17:30
S4C5.5	Ten Years Successful Education on Laboratory Animal Science <i>Speaker:</i> Johannes Schenkel, DE	17:30 - 17:45
S4C5.6	Compliance and Training- Cycle of Improvement <i>Speaker:</i> Gregory Reinhard, US	17:45 - 18:00

A: Communication with and Between Animals
16:30 - 18:00

PC.1.3

S4A4 - Non-Human Primates: Husbandry, Management and Welfare

Chair: Jan Langermans, NL

Co-Chair: Claire Witham, GB

S4A4.1	Assessment of Indoor Air Quality and Consequent Recommendations for Group-Housed Macaques <i>Speaker:</i> Annemiek Maaskant, NL	16:30 - 16:48
S4A4.2	Identifying Risk Factors for Fight Injuries in a Breeding Colony of Rhesus Macaques <i>Speaker:</i> Claire Witham, GB	16:48 - 17:06
S4A4.3	Detection of Neutralizing Antibodies against Adeno Associated Virus Serotype-2 and 9 in NHP Sera <i>Speaker:</i> Rajeev Dhawan, US	17:06 - 17:24
S4A4.4	The Next Level of Positive Reinforcement: A Personalized Training Approach for Non-Human Primates <i>Speaker:</i> Quentin Blanc, FR	17:24 - 17:42
S4A4.5	The Reliability and Validity of the Cynomolgus Macaque Grimace Scale <i>Speaker:</i> Patricia Turner, CA	17:42 - 18:00

C: Education and Training: Communication towards the Future
16:30 - 18:00

PC.1.4

W4C6 - Modern Education and Training Tools – Hands On Workshop on eModules, Training Assessment Tools, VR and Others

Chair: Marcelle Holloway, IT

Co-Chair: Sofia Batista Leite, IT

W4C6.1	ETPLAS Resources Aimed at Facilitating Harmonisation of LAS	16:30 - 16:50
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	Education in Europe	
	<i>Speaker:</i> Anne-Dominique Degryse, FR	
W4C6.2	Putting the "E" into "Learning": Effective, Easy-Access Education with 2010/63/EU Functions E-Learning Modules	16:50 - 17:10
	<i>Speaker:</i> Nuno Henrique Franco, PT	
W4C6.3	Education and Training Tools for the Implementation of the Directive and the Three Rs	17:10 - 17:20
	<i>Speaker:</i> Susanna Louhimies, BE	
	Hands-On Time to Get Acquainted with the Free Tools!	17:20 - 18:00
<i>B: Communication and culture of care</i>		
16:30 - 18:00		PC.2.1
W4B7 - Technicians' Care & Compassion Toolkit		
<i>Chair:</i> Bella Williams, GB		
	Speakers	16:30 - 18:00
	<i>Speaker:</i> Keith Davies, GB	
	<i>Speaker:</i> Penny Hawkins, GB	
	<i>Speaker:</i> Bella Williams, GB	

Thursday, 16. June 2022

D: Communicating between Peers, Authorities and the Public
09:00 - 10:30

PH

S5D1 - The Challenges and Opportunities to Improve Public Understanding of the Use of NHP in Research in Europe

Chair: Serban Morosan, FR

Co-Chair: Jan Langermans, NL

	Introduction	09:00 - 09:05
	<i>Speaker:</i> Serban Morosan, FR	
S5D1.1	The Importance of Openness about Non-Human Primate Research for Public Support	09:05 - 09:25
	<i>Speaker:</i> Thomas Brochier, FR	
S5D1.2	Reflections on Improving the European Public and Decision Makers Understanding of the Use of NHP's in Research in Europe	09:25 - 09:45
	<i>Speaker:</i> Kirk Leech, GB	
S5D1.3	Communicating and Conducting NHP Research during a Pandemic, a Supply Shortage and as a Central Component of Biomedical Research	09:45 - 10:05
	<i>Speaker:</i> Stefan Treue, DE	
	Discussion	10:05 - 10:30

A: Communication with and Between Animals
09:00 - 10:30

PC.1.1

S5A1 - Home Cage Monitoring

Chair: Jan Honetschläger, CZ

Co-Chair: Sara Fuochi, CH

S5A1.1	Data Communication through Digital Cages: Phenotyping Spontaneous Locomotor Activity in Inbred and Outbred Mouse Strains	09:00 - 09:18
	<i>Speaker:</i> Sara Fuochi, CH	
S5A1.2	An Impedance-Based Automated Home-Cage System Displays Activity Changes in an DSS-Induced Acute Colitis Model	09:18 - 09:36
	<i>Speaker:</i> Eva Zentrich, DE	
S5A1.3	Automatic Assessment of Socially Relevant Behaviour in a CNS Injury Mouse Model: Benefits and Challenges	09:36 - 09:54
	<i>Speaker:</i> Jordi L. Tremoleda, GB	
S5A1.4	Exploring the Value Gained by Monitoring Animal Activity during Calcipotriol Induced Atopic Dermatitis Studies	09:54 - 10:12
	<i>Speaker:</i> Joanna Moore, GB	
S5A1.5	Studying Physical Exercise Effect on Motor Skills of the CMVMJD135 Machado-Joseph Disease Mouse Model	10:12 - 10:30
	<i>Speaker:</i> Magda João Castelhana-Carlos, PT	

C: Education and Training: Communication towards the Future

09:00 - 10:30

PC.1.2

S5C1 - Laboratory Animal Surgery - Can We Do Better?*Chair:* Petra Seebeck, CH*Co-Chair:* Nikos Kostomitsopoulos, GR

S5C1.1	Training of Rodent Surgeons - Current Practice and Available Guidelines <i>Speaker:</i> Felix Gantenbein, CH	09:00 - 09:15
S5C1.2	From Trainee to Trainer: Lessons Learned through Implementation of a Dual-Catheter Model in Mice <i>Speaker:</i> Thomas Nielsen, DK	09:15 - 09:30
S5C1.3	Refinements in Perioperative Support for Mice and Rats <i>Speaker:</i> Claire Hankenson, US	09:30 - 09:45
S5C1.4	Translational Large Animal Models for Cardiovascular Applications <i>Speaker:</i> Nikola Cesarovic, CH	09:45 - 10:00
S5C1.5	Surgical Training Using a Combination of Simulation and Anaesthetized Pigs <i>Speaker:</i> Peter Bollen, DK	10:00 - 10:15
S5C1.6	EALAS - Fostering High Standards in Preclinical Surgery <i>Speaker:</i> Delphine Bouard, FR	10:15 - 10:30

A: Communication with and Between Animals

09:00 - 10:30

PC.1.3

S5A2 - Health Monitoring With and Without Sentinels*Chair:* Martina Dorsch, DE*Co-Chair:* Patri Vergara, ES

	Introduction <i>Speaker:</i> Martina Dorsch, DE	09:00 - 09:03
S5A2.1	Genetic and Health Quality Care for Mouse and Rat Breeders <i>Speaker:</i> Patri Vergara, ES	09:03 - 09:18
S5A2.2	Use of Sentinel-Free Agitated Soiled Bedding as a Means to Detect Rodent Pathogens <i>Speaker:</i> Marcia Hart, US	09:18 - 09:33
S5A2.3	Standardization of a Sentinel-Free Bedding Dust Collection Procedure for Rodent Pathogen PCR Detection <i>Speaker:</i> Kenneth Henderson, US	09:33 - 09:48
S5A2.4	Towards Non-Invasive Health Monitoring of Laboratory Mouse Colonies with Lucia-Patriot Sentinels <i>Speaker:</i> Arkadiusz Miazek, PL	09:48 - 10:03
S5A2.5	Murine Chapparravirus DNA and Antibody Detection in Soiled-Bedding Sentinel Mice Is Dose Dependent <i>Speaker:</i> Kenneth Henderson, US	10:03 - 10:18

	Discussion	10:18 - 10:30
<i>C: Education and Training: Communication towards the Future</i>		
09:00 - 10:30		PC.1.4
W5C2 - Improving Research Reporting and Scientific Communication		
<i>Chair:</i> Cory Brayton, US		
	Speakers	09:00 - 10:30
	<i>Speaker:</i> Cynthia Pekow, US	
	<i>Speaker:</i> Ouajdi Souilem, TN	
<i>D: Communicating between Peers, Authorities and the Public</i>		
09:00 - 10:30		PC.1.5
W5D2 - Inbred, Outbred and Well-Bred		
<i>Chair:</i> Michelle Stewart, GB		
	Speakers	09:00 - 10:30
	<i>Speaker:</i> Rosie Hiller, GB	
	<i>Speaker:</i> Michelle Stewart, GB	
	<i>Speaker:</i> Sara Wells, GB	
<i>B: Communication and culture of care</i>		
09:00 - 10:30		PC.2.1
W5B1 - How to Understand and Assess Culture of Care within Academia and Pharmaceutical Settings		
<i>Chair:</i> Helen Emery, GB		
W5B1.1	Defining a Good Culture of Care in an Animals Research Facility and How this Is Translated into Organisational Practices	09:00 - 09:30
	<i>Speaker:</i> Helen Emery, GB	
W5B1.2	Assessment of Culture of Care within Laboratory Animals Science Using a Comprehensive Survey Tool	09:30 - 10:00
	<i>Speaker:</i> Thomas Bertelsen, DK	
	Discussion	10:00 - 10:30
<i>Breaks & Networking</i>		
10:30 - 11:15		Exhibition hall
Coffee break		
<i>E: The Parallel Route</i>		
10:30 - 11:15		ePoster Area
P5E - ePosters		
<i>E: The Parallel Route</i>		
10:35 - 11:15		ePoster Area
P5E5 - ePoster Station 5 - It's All About Models		
<i>Chair:</i> Amir Rosner, IL		
	Introduction	10:35 - 10:37
	<i>Speaker:</i> Amir Rosner, IL	

PC20	Development and Domestication of an Internal Lineage of Black Rats for Laboratories Studies <i>Speaker:</i> Fafournoux Ambre, FR	10:37 - 10:40
PE04	Intestinal Microbiota Determines the Outcome of Colitis Pathogenesis in Interleukin 10-Deficient Mice <i>Speaker:</i> Marijana Basic, DE	10:40 - 10:43
PE09	Galleria mellonella Model Host: A Potential in Vivo Tool to Assess Antibody Functionality <i>Speaker:</i> Emiliano Chiarot, IT	10:43 - 10:46
PA06	Setting-Up a Multimodal and Integrated Sensory Platform to Analyze Mouse Models in Aging Research <i>Speaker:</i> Elena De Felice, IT	10:46 - 10:49
PE15	Refinement of Mannan-Induced Psoriatic Arthritis Mouse Model Using Non-Invasive Imaging Techniques <i>Speaker:</i> Pierre-Yves Fortin, FR	10:49 - 10:52
PE17	Usefulness of an Experimental Model of Extracorporeal Blood Purification in Research and Development. <i>Speaker:</i> Abdessalem Hammed, FR	10:52 - 10:55
PE25	Hematology Analyzer Results in Immunodeficient Mice: Mind the Trap! <i>Speaker:</i> Catherine Layssol-Lamour, FR	10:55 - 10:58
PE42	Optimization of Skin Sensitization Testing Strategy <i>In Vitro</i> for Medical Device Extracts <i>Speaker:</i> Lada Svobodova, CZ	10:58 - 11:01
PE51	The Gunn Rat in the 2022: A New Model Better Representing the Human Scenario <i>Speaker:</i> Paola Zarattini, IT	11:01 - 11:04

E: The Parallel Route
10:35 - 11:15

ePoster Area

P5E4 - ePoster Station 4 - It's All About Pigs

Chair: Aurora Brønstad, NO

	Introduction <i>Speaker:</i> Aurora Brønstad, NO	10:35 - 10:37
PE01	Building an Animal Lactation Model: Pilot Amoxicillin Study in Conventional Pigs and Göttingen Minipigs <i>Speaker:</i> Camilla Aniballi, IT	10:37 - 10:40
PB09	Contactless Monitoring Methods in Large Animal Species - a Case Study in Pigs <i>Speaker:</i> Lisa Ernst, DE	10:40 - 10:43
PD40	Adoption of Minipigs – a Second Life after Research <i>Speaker:</i> Veronika Gramling, DE	10:43 - 10:46

PD29	Are SPF Guinea Pigs the Best Model for Experiments in Respiratory Physiology? <i>Speaker:</i> Jana Plevkova, SK	10:46 - 10:49
PC38	Sharing Best Practices When Working with Göttingen Minipigs <i>Speaker:</i> Susi Søggaard, DK	10:49 - 10:52
PD36	Health Monitoring in Farm Pigs Used for Research Purposes - a Practical Example <i>Speaker:</i> Anders Fick Thomsen, DK	10:52 - 10:55
PD37	Transition of Farm Pigs to Research Pigs Using a Checklist – a Refinement Initiative <i>Speaker:</i> Anders Fick Thomsen, DK	10:55 - 10:58
PC42	Highly Realistic Swine Model for Training in Therapeutic Endoscopic Ultrasound <i>Speaker:</i> Fanélie Wanert, FR	10:58 - 11:01
PA27	Implantation of a Rat Vascular Access Buttons in Göttingen Minipigs <i>Speaker:</i> Adrian Zeltner, DK	11:01 - 11:04

E: The Parallel Route
10:35 - 11:15

ePoster Area

P5E2 - ePoster Station 2 - It's All About Monitoring

Chair: Ranko Stojkovic, HR

	Introduction <i>Speaker:</i> Ranko Stojkovic, HR	10:35 - 10:37
PE49	Hospital Wastewaters – Cyto/Genotoxicity Assessed by Non-Animal Methods <i>Speaker:</i> Alena Vlkova, CZ	10:37 - 10:40
PE06	A qPCR Assay for the Detection of Staphylococcus Aureus in Laboratory Animal Health Monitoring <i>Speaker:</i> Lena Brix, DE	10:40 - 10:43
PB01	What Monitoring of Rehomed Animals Can Tell about the Shortcomings of Regulatory Housing Conditions <i>Speaker:</i> Dominique Autier-Dérian, FR	10:43 - 10:46
PD06	Development of a SARS-CoV2 (COVID19) Multiplex for Serological Screening of Lab Animal Colonies <i>Speaker:</i> Rajeev Dhawan, US	10:46 - 10:49
PE20	Cage-Level Environmental Sampling Provides Increased Sensitivity in <i>Pneumocystis Carinii</i> Detection <i>Speaker:</i> Marcia Hart, US	10:49 - 10:52
PB14	New Method to Control Laboratory Animal Health and Care <i>Speaker:</i> Annamária Kiss, HU	10:52 - 10:55
PE33	Evaluation of Substrate Materials in a Rodent Health Monitoring	10:55 - 10:58

Program*Speaker:* Mary Proctor, US

PA23	Health Monitoring in an AAALAC Accredited Animal Facility in the Sense of the 3Rs <i>Speaker:</i> Diana Ströbel, DE	10:58 - 11:01
PE07	A Novel and Highly Sensitive qPCR Assay Detects <i>Clostridium piliforme</i> in EAD Material <i>Speaker:</i> Stephanie Buchheister, DE	11:01 - 11:04

E: The Parallel Route

10:35 - 11:15

ePoster Area

P5E1 - ePoster Station 1 - It's All About Health and Disease*Chair:* Jan-Bas Prins, GB

	Introduction <i>Speaker:</i> Jan-Bas Prins, GB	10:35 - 10:37
PE08	Sudden Death of Immunocompromised-Mice Caused by Cytolysin Induced Septicemia after Infection with <i>Paeniclostridium sordelii</i> <i>Speaker:</i> Stephanie Buchheister, DE	10:37 - 10:40
PE05	Pathological Findings Underlying Abdominal Distension in an Experimental Facility of Laboratory Mice <i>Speaker:</i> Sergio Berdun, ES	10:40 - 10:43
PD03	Voltage-Gated Sodium Channels Na_v1.7 and Na_v1.8 Inhibitors Have Potential to Inhibit Cough in Guinea pigs <i>Speaker:</i> Mariana Brozmanova, SK	10:43 - 10:46
PE02	Microbiota Changes after Local Colitis Treatment with a Drug-Elution Hydrogel with Biologics in Rat <i>Speaker:</i> Sandra Barbosa, ES	10:46 - 10:49
PA12	A Clinical Case of Imperforate Vagina in a CRL:CD1 (LCR) Mouse <i>Speaker:</i> Zoe Holden-Hart, GB	10:49 - 10:52
PD16	LACE1 Deficiency Accelerates Browning of Inguinal White Adipose Tissue in Mice <i>Speaker:</i> Youn Ju Kim, KR	10:52 - 10:55
PE23	Nature'S Curiosities – Bilateral Gynandromorphism in Mice <i>Speaker:</i> Britta Klein, DE	10:55 - 10:58
PD25	<i>Staphylococcus Aureus</i> Infection Induces Hypoxia in Intestinal Cells and Alters Oxysterol/Cholesterol Ratio <i>Speaker:</i> Ahmed Elmontaser Mohamed, DE	10:58 - 11:01
PC33	Interactions and Readout between Mouse Gut Microbiome and Infections by Using 'Altered Schaedler Flora' <i>Speaker:</i> Rebecca Nistelberger, AT	11:01 - 11:04

PB39	Long-Term Effects of Four Commercial Beddings in the Lungs of Aged Mice <i>Speaker:</i> Cristina Verdu-Exposito, ES	11:04 - 11:07
<i>E: The Parallel Route</i> 10:35 - 11:15		
ePoster Area		
P5E3 - ePoster Station 3 - It's All About Culture of Care <i>Chair:</i> Angela Kerton, GB		
	Introduction <i>Speaker:</i> Angela Kerton, GB	10:35 - 10:37
PB06	The French Network of Animal Welfare Bodies (RN-SBEA): Actions and Projects <i>Speaker:</i> Delphine Denais-Lalievre, FR	10:37 - 10:40
PB07	Ethical Concerns of Animal Use in Research - Laws, Recommendations and Culture of Care <i>Speaker:</i> Ismene Dontas, GR	10:40 - 10:43
PB11	How Do Laboratory Animal Researchers and Professionals Perceive Welfare? An Exploratory Study <i>Speaker:</i> Young-Shin Joo, KR	10:43 - 10:46
PB12	Ethical Management of Crisis <i>Speaker:</i> Abdullah Kandira, DE	10:46 - 10:49
PB24	Creating an Emotionally Engaged Culture to Address Compassion Stress and Build Resiliency <i>Speaker:</i> Judy Murray, US	10:49 - 10:52
PB26	Compassion Fatigue and Coping Mechanisms in UK and EU Research Animal Professionals <i>Speaker:</i> Carly O'Malley, US	10:52 - 10:55
PC37	A Company Internal 3R Award Improves Animal Welfare and Study Outcomes <i>Speaker:</i> Carola Schäfer, DE	10:55 - 10:58
PD33	Building a 3R-Network and Increasing Outreach: A Case Report <i>Speaker:</i> Roberto Plasenzotti, AT	10:58 - 11:01
PB35	A Culture of Care for Human Wellbeing: The Importance of Cross-Pollination across Animal-Related Fields <i>Speaker:</i> Sally Thompson-Iritani, US	11:01 - 11:04
PB41	The New Methodology: The 6 Cs in the Culture of Care (COC) <i>Speaker:</i> Anna Vilà, ES	11:04 - 11:07

C: Education and Training: Communication towards the Future
11:15 - 12:45

PH

S5C2 - Three Rs Education and Training Outreach*Chair:* Marcelle Holloway, IT*Chair:* Sofia Batista Leite, IT

	Introduction	11:15 - 11:20
	<i>Speaker:</i> Marcelle Holloway, IT <i>Speaker:</i> Sofia Batista Leite, IT	
S5C2.1	An Overview of Three Rs Education Initiatives Targeting Schools, Universities and Early-Career Professionals <i>Speaker:</i> Marcelle Holloway, IT	11:20 - 11:55
S5C2.2	Introducing the Three Rs into Primary and Secondary Schools <i>Speaker:</i> Lyubov Vasylichuk, BE	11:55 - 12:15
S5C2.4	Open Access Training Resources: E-Learning Module on the Development of Alternative Methods and Approaches <i>Speaker:</i> Chantra Eskes, CH	12:15 - 12:35
	Wrap Up	12:35 - 12:45
 <i>D: Communicating between Peers, Authorities and the Public</i> 11:15 - 12:45		
		PC.1.1
	S5D3 - Interactive Session: New EU Guidance on Genetically Altered Animals <i>Chair:</i> Susanna Louhimies, BE <i>Co-Chair:</i> Heinz Brandstetter, DE	
S5D3.1	Keeping the Right Side of the Law <i>Speaker:</i> Susanna Louhimies, BE	11:15 - 11:35
S5D3.2	The Three Rs in the Creation and Maintenance of Genetically Altered Animals (GAAS) <i>Speaker:</i> David Anderson, GB	11:35 - 11:55
S5D3.3	Drafting and Evaluating Concise Project Applications for Creation / Maintenance of Genetically Altered Animals <i>Speaker:</i> Kathy Ryder, GB	11:55 - 12:15
	Questions and Answers - Floor Is Yours	12:15 - 12:45
 <i>E: The Parallel Route</i> 11:15 - 12:45		
		PC.1.3
	S5E1 - Diagnostic and Testing <i>Chair:</i> Karen Mulkijanyan, GE <i>Co-Chair:</i> Amir Rosner, IL	
S5E1.1	Biological Materials Testing - an Often Under-Communicated Component of an Animal Resources Biosecurity Program <i>Speaker:</i> Marcia Hart, US	11:15 - 11:30
S5E1.2	Miriad: Multiplex Immunoassay for Rodents Infectious and Animal Diseases <i>Speaker:</i> Rémi Malbec, FR	11:30 - 11:45
S5E1.3	<i>Chlamydia muridarum</i>: A Pathobiont Hiding in Plain Sight. <i>Speaker:</i> Neil S. Lipman, US	11:45 - 12:00
S5E1.4	Clinical Case and Pathology Quiz Bowl	12:00 - 12:35

Speaker: Cory Brayton, US

Final Remarks and Conclusions

12:35 - 12:45

D: Communicating between Peers, Authorities and the Public

11:15 - 12:45

PC.1.4

W5D4 - Public (& Friends and Family) Engagement with Animal Research

Chair: Bella Williams, GB

W5D4.1

Public (and Friends and Family) Engagement with Animal Research

11:15 - 12:45

Speaker: John Meredith, GB

B: Communication and culture of care

11:15 - 12:45

PC.1.5

W5B2 - Communicate Better

Chair: Peternella S. Verhave, NL

Interactive Session

11:15 - 12:45

Speaker: Monique Janssens, NL

Speaker: Ngaire Dennison, GB

D: Communicating between Peers, Authorities and the Public

11:15 - 12:45

PC.2.1

W5D5 - How to Promote Public Awareness about Animal Research Using Social Media

Chair: Roman Stilling, DE

Speakers

11:15 - 12:45

Speaker: Monique Havermans, NL

Speaker: Georgios Petrellis, BE

Speaker: Inês Serrenho, GB

Speaker: Roman Stilling, DE

Opening & Closing Sessions

12:45 - 13:15

PH

Closing and Award Ceremony