

Sunday, June 1, 2025

*H - IACLAM Day*

09:00 - 09:05

Banquet

**Welcome**

Patricia Hedenqvist (Uppsala, Sweden)

*H - IACLAM Day*

09:05 - 09:55

Banquet

**S1H1 - Changing Legislative Environments**

Vera Baumans (Utrecht, Netherlands)

S1H1.1 **How Global Animal Activist and Legislative Trends Impact Animal Research** 09:05 - 09:35

Patricia Turner (Guelph, Canada)

S1H1.2 **Tackling the Legislative Gap for Animals Listed as Invasive Alien Species** 09:35 - 09:50

J. Martje Fentener van Vlissingen (Rotterdam, Netherlands)

*B - Reducing Severity*

09:30 - 10:30

Conference Room 1

**W1B1 - Severity Classification and Reporting Under Directive 2010/63/EU - A Train the Trainer Workshop. Part 1**

Dolores Bonaparte (Amsterdam, Netherlands)

Nelleke Verhave (Nijmegen, Netherlands)

**Introduction** 09:30 - 09:45

**Structure of the FELASA Severity Workshop Roadshow** 09:45 - 10:30

**Speakers**

David Anderson (London, United Kingdom)

Dolores Bonaparte (Amsterdam, Netherlands)

Sandra Buhl (Cologne, Germany)

Anne-Dominique Degryse (Puylaurens, France)

Delphine Denais-Lalievie (Fontenay-aux-Roses, France)

Damien Gervasoni (Lyon, France)

Nelleke Verhave (Nijmegen, Netherlands)

*H - IACLAM Day*

10:00 - 11:05

Banquet

**S1H2 - Training the Laboratory Animal Vet for Proficiency. Part I**

Vera Baumans (Utrecht, Netherlands)

S1H2.1 **Education and Training of the Laboratory Animal Veterinarian Around the World** 10:00 - 10:30

Gary Borkowski (Frederick, United States)

S1H2.2 **MSc in Laboratory Animal Science and Welfare - A Comprehensive CPD for Veterinary Specialisation** 10:30 - 10:45

Patri Vergara (Barcelona, Spain)

S1H2.3 **Staying True to our Values: Resilience Strategies for Veterinarians Facing Challenges with Compassion Fatigue** 10:45 - 11:00

Nina Trimmel (Linz, Austria)

*Breaks & Networking*

10:30 - 10:45

Conference Room 1

**Coffee Break**

*B - Reducing Severity*

10:45 - 13:00

Conference Room 1

**W1B1 - Severity Classification and Reporting Under Directive 2010/63/EU - A Train the Trainer Workshop. Part 2**

Dolores Bonaparte (Amsterdam, Netherlands)

Nelleke Verhave (Nijmegen, Netherlands)

**How to Organize and Deliver a Felasa Severity Workshop** 10:45 - 11:45**How to Use Point Solutions Voting System** 11:45 - 12:15**Possible Problems Encountered** 12:15 - 13:00**Speakers:**

David Anderson (London, United Kingdom)

Dolores Bonaparte (Amsterdam, Netherlands)

Sandra Buhl (Cologne, Germany)

Anne-Dominique Degryse (Puylaurens, France)

Delphine Denais-Lalievie (Fontenay-aux-Roses, France)

Damien Gervasoni (Lyon, France)

Nelleke Verhave (Nijmegen, Netherlands)

*Breaks & Networking*

11:05 - 11:35

Banquet

**Coffee Break***H - IACLAM Day*

11:35 - 12:25

Banquet

**S1H3 - Training the Laboratory Animal Vet for Proficiency. Part II**

Patricia Hedenqvist (Uppsala, Sweden)

S1H3.1 **The Making of a Specialist: The Designated Veterinarian eModule 24'** 11:35 - 12:05

Ngairé Dennison (Dundee, United Kingdom)

S1H3.2 **In Line, Out of Line, Over the Line - The Many Forms of Leadership** 12:05 - 12:20  
Ritamarié Rose (Cambridge, United Kingdom)*Breaks & Networking*

12:25 - 13:25

Banquet

**Lunch Break***H - IACLAM Day*

13:30 - 14:00

Banquet

**S1H4 - The Future of Animal Monitoring**

Gary Borkowski (Frederick, United States)

S1H4.1 **Technical Advances and Data Science for Monitoring Animal Health and Welfare** 13:30 - 14:00

André Bleich (Hannover, Germany)

*H - IACLAM Day*

14:05 - 14:50

Banquet

**S1H5 - Best Practices for Anaesthesia, Analgesia and Euthanasia**

Shakthi Devan (Bangalore Karnataka, India)

S1H5.1 **Refinement of Anesthesia, Analgesia, and Euthanasia** 14:05 - 14:35  
Cholawat Pacharinsak (Stanford, United States)S1H5.2 **Evaluating CO<sub>2</sub>, CO, and N<sub>2</sub> to Refine Euthanasia Practice and Welfare in Laboratory Rodents** 14:35 - 14:50

Carlos Filipe Moreira (Zürich, Switzerland)

*B - Reducing Severity*

14:15 - 15:30

Conference Room 1

**W1B2 - FELASA Workshop on the Classification and Reporting of Severity of Procedures using Basic Models. Part 1**

Dolores Bonaparte (Amsterdam, Netherlands)

David Anderson (London, United Kingdom)

**Introduction and Legal Requirements**

14:15 - 15:00

**Introduction to the Models**

15:00 - 15:30

**Prospective Severity Classification - Discussion in Small Groups With Facilitator**

**Speakers**

David Anderson (London, United Kingdom)

Dolores Bonaparte (Amsterdam, Netherlands)

Sandra Buhl (Cologne, Germany)

Anne-Dominique Degryse (Puy-laurens, France)

Delphine Denais-Lalieve (Fontenay-aux-Roses, France)

Damien Gervasoni (Lyon, France)

Nelleke Verhave (Nijmegen, Netherlands)

*Breaks & Networking*

14:55 - 15:25

Banquet

**Coffee Break**

*H - IACLAM Day*

15:30 - 16:05

Banquet

**S1H6 - Anaesthesia In Rodents - Oral Presentations**

Cholawat Pacharinsak (Stanford, United States)

S1H6.1

**Voluntary Intake of Sedatives before Isoflurane Anaesthesia Induction in Rats - A Sweet Pilot**

15:30 - 15:45

Vanessa Bettembourg (Uppsala, Sweden)

S1H6.2

**Effects of Repeated Anesthesia of Laboratory Mice with Isoflurane, Nitrous Oxide and Sevoflurane**

15:45 - 16:00

Philipp Villiger (Zürich, Switzerland)

*Breaks & Networking*

15:30 - 15:45

Conference Room 1

**Coffee Break**

*B - Reducing Severity*

15:45 - 18:00

Conference Room 1

**W1B2 - FELASA Workshop on the Classification and Reporting of Severity of Procedures using Basic Models. Part 2**

Dolores Bonaparte (Amsterdam, Netherlands)

David Anderson (London, United Kingdom)

**Prospective Severity Classification - Plenary Discussion**

15:45 - 16:45

**Actual Severity Classification - Interactive Presentation Using an Online Voting System**

16:45 - 17:15

**Summary**

17:15 - 18:00

**Speakers:**

David Anderson (London, United Kingdom)

Dolores Bonaparte (Amsterdam, Netherlands)  
 Sandra Buhl (Cologne, Germany)  
 Delphine Denais-Lalieve (Fontenay-aux-Roses, France)  
 Anne-Dominique Degryse (Puylaurens, France)  
 Damien Gervasoni (Lyon, France)  
 Nelleke Verhave (Nijmegen, Netherlands)

*H - IACLAM Day*

16:10 - 17:00

Banquet

**S1H7 - The Veterinary Contribution to Animal Research**

Rafael Frias (Solna, Sweden)

S1H7.1

**Synergizing Veterinary and Scientific Practice in Preclinical Animal Research**

16:10 - 16:40

Cory Brayton (Baltimore, MD, United States)

S1H7.2

**The Path to Better Science: Resources from Norecopa**

16:40 - 16:55

Adrian Smith (Ås, Norway)

*H - IACLAM Day*

17:00 - 17:05

Banquet

**Summary and Conclusion**

Gary Borkowski (Frederick, United States)

Monday, June 2, 2025

*C - Improving Care and Welfare*

08:00 - 09:30

Trianti

**S2C1 - Environmental and Physiological Challenges in Laboratory Animal Management**

Otto Kalliokoski (Copenhagen, Denmark)

Marcel ter Veld (Leiden, Netherlands)

S2C1.1	<b>The Management of Ageing Laboratory Mice: A Challenging Resource</b> Chiara Attanasio (Napoli, Italy)	08:00 - 08:15
S2C1.2	<b>Chemosensory Decay in Fish and Mouse: From Phenotyping to Husbandry Management</b> Elena De Felice (Camerino, Italy)	08:15 - 08:30
S2C1.3	<b>Biological Adaptation to Sterile Environment Does Not Promote Adverse Phenotypes in Gnotobiotic Rodents</b> Silvia Bolsega (Hannover, Germany)	08:30 - 08:45
S2C1.4	<b>The Importance of Controlling Home Cage Relative Humidity for Animal Welfare and Study Reproducibility</b> Hannah Louise Zakariassen (Copenhagen, Denmark)	08:45 - 09:00
S2C1.5	<b>Thermoneutral Environment Improves Mouse Welfare and Reduces Stress in Metabolic Cages</b> Philipp Villiger (Zürich, Switzerland)	09:00 - 09:15
S2C1.6	<b>Sentinel-free Soiled Bedding Testing Detects Opportunistic Bacteria Not Detected by Soiled Bedding Sentinels</b> Kenneth Henderson (Wilmington, MA, United States)	09:15 - 09:30

*C - Improving Care and Welfare*

08:00 - 09:30

Skalkotas

**S2C2 - Caring for Fish**

J-P Mocho (London, United Kingdom)

Chloe Stevens (Horsham, United Kingdom)

S2C2.1	<b>Developments on Pain Management for Zebrafish from Birth to Death</b> Lynne Sneddon (Gothenburg, Sweden)	08:00 - 08:30
S2C2.2	<b>The three EEEs (Environmental Enrichment Endeavours)</b> Claire Allen (Sheffield and Nottingham, United Kingdom)	08:30 - 08:50
S2C2.3	<b>Updates from the Zebrafish Refinement Working Group</b> Andrina Zbinden-Hauzenberger (Fribourg, Switzerland)	08:50 - 09:10
S2C2.4	<b>Risk Assessment, Pathogen Reservoirs, and Pathogen Transmission in Zebrafish Facilities</b> Marcus Crim (Columbia, MO, United States)	09:10 - 09:30

*E - Aiming for a Better Future*

08:00 - 09:30

Banquet

**S2E1 - Experimental Design and Good Practice: Good for Animals, Researchers and Research**

Manuel Berdoy (Oxford, United Kingdom)

Jordi L.Tremoleda (London, United Kingdom)

Livia D'Angelo (Naples, Italy)

	<b>Introduction</b> Manuel Berdoy (Oxford, United Kingdom)	08:00 - 08:05
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S2E1.1	<b>Knowing Better, Doing Better in Experimental Design Education</b> Manuel Berdoy (Oxford, United Kingdom)	08:05 - 08:25
S2E1.2	<b>Every Mouse Counts! The Validation of the Experimental Unit in the Focus of 3R</b> Miriam A. Vogt (Heidelberg, Germany)	08:25 - 08:40
S2E1.3	<b>We Need to Talk about Sexes - Addressing the Prevalence of Single-Sex Animal Studies</b> Nuno Henrique Franco (Porto, Portugal)	08:40 - 08:55
S2E1.4	<b>True Story Telling: (Pre)Registration in Practice</b> Julia Menon (Utrecht, Netherlands)	08:55 - 09:10
	<b>Concluding Remarks and General Discussion</b>	09:10 - 09:30

*E - Aiming for a Better Future*

08:00 - 09:30

MC 3 Conference Room

**S2E2 - Better Future for Animals and Research - Promises of Automated Home Cage Monitoring**

Vootele Voikar (Helsinki, Finland)

Sara Wells (Harwell, United Kingdom)

S2E2.1	<b>Home Cage Monitoring - Developments and Opportunities</b> Sara Wells (Harwell, United Kingdom)	08:00 - 08:20
S2E2.2	<b>Applying New Home Cage Monitoring Technologies to Welfare Assessment</b> Lars Lewejohann (Berlin, Germany)	08:20 - 08:40
S2E2.3	<b>Smarter Monitoring: Data Science Innovations in Automated Home Cage Systems</b> Steven Talbot (Hannover, Germany)	08:40 - 09:00
S2E2.4	<b>iMouse System - A Visual Method for Standardized Digital Data Acquisition Reduces Severity Levels</b> Janine Kah (Potsdam, Germany) Nadine E. Suendermann (Castrop-Rauxel, Germany)	09:00 - 09:15
S2E2.5	<b>Early Biomarkers Detection in Neurodegenerative and Diabetes Models Via Continuous Home Cage Monitoring</b> Stefano Gaburro (Buguggiate, Italy)	09:15 - 09:30

*A - Demonstrating Ethical Awareness and Accountability*

08:00 - 09:30

Marinos

**W2A1 - How to Teach to Perform the Statistical Report of the Uses and Breeding Surpluses of Genetically Altered Animals Within the European Union. Part 1.**

Belén Pintado (Madrid, Spain)

David Anderson (London, United Kingdom)

	<b>Practical Cases Discussed and Solved in Common</b> Belén Pintado (Madrid, Spain)	08:00 - 08:30
	<b>Practical Cases Distributed and Solved in Small Groups</b> David Anderson (London, United Kingdom) Karim Mesbah (Paris   Montpellier, France) Belén Pintado (Madrid, Spain)	08:30 - 09:30

*B - Reducing Severity*

08:00 - 09:30

MC 2 Conference Room

**W2B1 - RSPCA Roadmap to Reducing Severe Suffering**

Penny Hawkins (Horsham, United Kingdom)

Barney Reed (Horsham, United Kingdom)

W2B1	<p><b>Introduction to the RSPCA's Roadmap to Reducing Severe Suffering</b> Penny Hawkins (Horsham, United Kingdom)</p> <p><b>Introducing the Case Studies</b> Barney Reed (Horsham, United Kingdom)</p> <p><b>Round Table Discussions - Using Case Studies to Review Animals' Lifetime Experiences and Identify Refinements</b> Penny Hawkins (Horsham, United Kingdom) Barney Reed (Horsham, United Kingdom)</p> <p><b>Feedback</b></p> <p><b>Introducing Welfare Assessment</b> Penny Hawkins (Horsham, United Kingdom)</p> <p><b>Round Table Discussions - Identifying Tailored Welfare Indicators, for the Same Case Studies</b> Penny Hawkins (Horsham, United Kingdom) Barney Reed (Horsham, United Kingdom)</p> <p><b>Feedback</b></p> <p><b>Wrap Up</b> Penny Hawkins (Horsham, United Kingdom) Barney Reed (Horsham, United Kingdom)</p>	<p>08:00 - 08:15</p> <p>08:15 - 08:20</p> <p>08:20 - 08:40</p> <p>08:40 - 08:50</p> <p>08:50 - 08:55</p> <p>08:55 - 09:15</p> <p>09:15 - 09:25</p> <p>09:25 - 09:30</p>
<i>Breaks &amp; Networking</i>		
	09:30 - 10:15	Exhibition Area
	<b>Coffee Break</b>	
<i>ePoster</i>		
	09:35 - 10:10	ePoster areas (Level +1 & -2)
	<b>P2AM - ePoster Session</b>	
<i>ePoster</i>		
	09:35 - 10:10	ePoster areas (Level +1 & -2)
	<b>P2AM1 - It's About Animal Health and Welfare - Station 1 (Trianti Balcony, floor +1)</b>	
	Sabrina Ravel (Marseille, France)	
	<b>Introduction</b>	09:35 - 09:37
	Sabrina Ravel (Marseille, France)	
PB008	<p><b>Establishment of an Environmental Health Monitoring Strategy Detecting Theiler's Murine Encephalomyelitis Virus (TMEV)</b> Stephanie Buchheister (Hannover, Germany)</p>	<p>09:37 - 09:40</p>
PB019	<p><b>Scoring Animal Welfare to Determine Cumulative Maximums</b> Shawn Davis (Mississauga, Canada)</p>	<p>09:40 - 09:43</p>
PB037	<p><b>Neuro Score - An Added Informative Value for Severity Assessment in Neurological Rodent Models?</b> Anna Munk (Munich, Germany)</p>	<p>09:43 - 09:46</p>
PC023	<p><b>Rabbit Medical Training: A Reasoned Approach and Creation of Educational Sheets</b> Jean-Claude Desfontis (Nantes, France)</p>	<p>09:46 - 09:49</p>
PC057	<p><b>Current Microbiological Status of Mice and Rats in Experimental Facilities in Japan</b> Nobuhito Hayashimoto (Kawasaki, Japan)</p>	<p>09:49 - 09:52</p>

PC059	<b>Exploring Histopathological Phenotypes in Aging <i>Nothobranchius furzeri</i>: Insights from an Integrated Health Management System</b> Beate Hoppe (Jena, Germany)	09:52 - 09:55
PC098	<b>Rabbit Welfare Working Group: Building Consensus and Collaboration for Program Improvement</b> Carly O'Malley (Wilmington, United States)	09:55 - 09:58
PE016	<b>Activation Behavior and Testing of Animal Platelets According to ISO 10993-4 Standards</b> Tim Christer (Hannover, Germany)	09:58 - 10:01
PE049	<b>Is There a Place for Rodent Importation and Quarantine in our Future?</b> Mary Proctor (Louisville, United States)	10:01 - 10:04

*ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P2AM2 - It's About Husbandry and Environment - Station 2 (Trianti Balcony, floor +1)**

Jan Honetschläger (Prague, Czech Republic)

**Introduction**

09:35 - 09:37

Jan Honetschläger (Prague, Czech Republic)

PC004	<b>Cortisol Measurements in Different Mouse Strains during Construction Work in a Laboratory Animal Facility</b> Lisa Barones (Graz, Austria)	09:37 - 09:40
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PC018	<b>Breaking Isolation: Loft Housing for Guinea Pigs in Research</b> Luisa Corsi (Parma, Italy)	09:40 - 09:43
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PC051	<b>Ammonia Concentrations in Different Sizes IVC Cages</b> Nicole Gutman (Copenhagen, Denmark)	09:43 - 09:46
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PC074	<b>Achieving Environmental Enrichment in South Korea</b> Jungmin Lee (Seoul, Korea, Republic of)	09:46 - 09:49
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PC109	<b>The Impact of Ultrasonic Noise on Laboratory Animals</b> Emily K. Pope (Charlottetown, Canada)	09:49 - 09:52
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PC122	<b>Determination of the Ammonia Concentration and Change Frequency of the B6.Cg-Tg(K18-ACE2)2PrImn/J Mice</b> Jenif Braga Souza (Rio de Janeiro, Brazil)	09:52 - 09:55
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PC135	<b>Effect of Acclimatization and Housing Temperature on Metabolic Activity in Mice</b> Philipp Villiger (Zürich, Switzerland)	09:55 - 09:58
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PD021	<b>Phytoestrogens in Tahini and Sesame Perisperm: Dual Benefits for Human and Animal Skeletal Health?</b> Anna- Aikaterini Neri (Athens, Greece)	09:58 - 10:01
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PE056	<b>'Green' and Sustainable Vivaria Solutions: Tips and Tricks</b> Patrick Sharp (West Lafayette, United States)	10:01 - 10:04
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*ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P2AM3 - It's About Diseases and Veterinary Care - Station 3 (Banquet Level, floor -2)**

Ngaire Dennison (Dundee, United Kingdom)

**Introduction**

09:35 - 09:37

Ngaire Dennison (Dundee, United Kingdom)

PB021	<b>Oral Acepromazine Pre-treatment in Rabbit Kits Prior to</b>	09:37 - 09:40
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	<b>Euthanasia via Intraperitoneal Pentobarbital Injection</b> Kévin P. Dhondt (Saint-Germain-Nuelles, France)	
PC001	<b>Large Scale Eradication and Biocontainment of <i>Corinebacterium bovis</i> in a Rodent Facility</b> Albert Altafaj Tardío (Barcelona, Spain)	09:40 - 09:43
PC044	<b>Extended Catheter Patency Using Cannulock Buttons in Rodents</b> Brad Gien (Lake Villa, United States)	09:43 - 09:46
PC045	<b>Long Term Rodent Catheter Patency - Myth or Reality?</b> Brad Gien (Lake Villa, United States)	09:46 - 09:49
PC046	<b>Still a Place for Microscopy: Comparison of Techniques for Diagnosing <i>Myocoptes musculinus</i> in Mice</b> Christina Gill (Oxford, United Kingdom)	09:49 - 09:52
PC091	<b>Comprehensive Management of <i>Corynebacterium Bovis</i> Outbreaks in Spf/Sopf Animal Facilities</b> Elodie Moureaux (Toulouse, France)	09:52 - 09:55
PC129	<b>Aging, not Illness. Veterinary Care for Old Laboratory Animals in Research</b> Anne Süßenguth (Jena, Germany)	09:55 - 09:58
PD038	<b>Importance of Emerging Agent <i>Burkholderia</i> Sp. as Cause of Neurologic Symptoms in Immunocompromised Mice</b> Serge Zander (Amsterdam, Netherlands)	09:58 - 10:01
PE035	<b>Practical Solution for the Safe Handling of Tamoxifen in Laboratory Animal Facilities</b> Stefanie Kirschner (Mannheim, Germany)	10:01 - 10:04
<i>ePoster</i> 09:35 - 10:10		ePoster areas (Level +1 & -2)
<b>P2AM4 - It's About Behavior - Station 4 (Banquet Level, floor -2)</b>		
	Cristin Coman (Bucharest, Romania)	
	<b>Introduction</b> Cristin Coman (Bucharest, Romania)	09:35 - 09:37
PA017	<b>From Historical Data to Future Insights: New Approach for Analyzing and Re-Using Behavioral Datasets</b> Luca Lorenzini (Bologna, Italy)	09:37 - 09:40
PC007	<b>Effects of Enriched Housing on the Behavior and Physiology of Laboratory Rodents</b> Logan J. Bigelow (Charlottetown, Canada)	09:40 - 09:43
PC049	<b>Behavioral Analysis: A Tool to Improve Care and Welfare in a Ferret Facility</b> Laura Gioiosa (Legnaro (PD), Italy)	09:43 - 09:46
PC066	<b>Enhancing Inhalation Study Outcomes Through Mouse Training Programs at AstraZeneca</b> Caroline Karlsson (Mölndal, Sweden)	09:46 - 09:49
PE007	<b>Bring the Sociability Test to the Animal, Not the Animal to the Sociability Test</b> Veronika Borbélyová (Bratislava, Slovakia)	09:49 - 09:52
PE015	<b>Microsurgical Technique Training: Pioneering Interactive Training Systems and Courses for Laboratory Animals</b> Yu-Ling Chen (Taipei, Taiwan)	09:52 - 09:55

PE065	<b>Home Cage Stereotypic Behaviors Affect Behavioral Phenotypes and are Modulated by Environmental Enrichment</b> Katharina Tillmann (Vienna, Austria)	09:55 - 09:58
PE012	<b>Behavioral Phenotyping of Unique Fat and Lean Mice to Explore Metabolism Impact on Behavior</b> Maša Čater (Domžale, Slovenia)	09:58 - 10:01
<i>ePoster</i>		
09:35 - 10:10		ePoster areas (Level +1 & -2)
<b>P2AM5 - It's About Mouse Models - Station 5 (Banquet Level, floor -2)</b>		
Karen Mulkiyanyan (Tbilisi, Georgia)		
	<b>Introduction</b> Karen Mulkiyanyan (Tbilisi, Georgia)	09:35 - 09:37
PE011	<b>Influence of Genetic Background, Diet, Sex and Age on Digestibility in Polygenic Mouse Models</b> Maša Čater (Domžale, Slovenia)	09:37 - 09:40
PA019	<b>The Combination of Immunodeficient Mice and Quail Chorioallantoic Membrane Model in Colorectal Cancer Research</b> Miroslava Matuskova (Bratislava, Slovakia)	09:40 - 09:43
PB025	<b>Establishing a Mouse Model for Early-Stage MASLD: Refinement Through Diet Design</b> Anja R. Geisler (Jena, Germany)	09:43 - 09:46
PC017	<b>A Spontaneous Phex Mutation in C57BL/6JNarl Mice as a Model for X-linked Hypophosphatemic Rickets</b> Pei Ju Chiang (Tainan, Taiwan)	09:46 - 09:49
PC032	<b>In Vivo Imaging Monitoring of Corn Oil-induced Inflammation in C57BL/6J Mice</b> Melina Dragolia (Vari, Greece)	09:49 - 09:52
PC076	<b>A Novel "Vaccine" Strategy Mitigates <i>Corynebacterium bovis</i>-associated Hyperkeratosis (CAH) in Athymic Nude Mice</b> Neil Lipman (New York, United States)	09:52 - 09:55
PE032	<b>Exploring the Role of Gut Microbiota in Microscopic Colitis: A Novel Murine Model</b> Indre Karaliute (Kaunas, Lithuania)	09:55 - 09:58
PE057	<b>The Benefit of Peripheral Blood Mononuclear Cell Mice Model for Advanced-Stage Lung Cancer</b> Ariel Sobarzo (Beer Sheva, Israel)	09:58 - 10:01
PE077	<b>Impact of Bacteria on Diet-induced Obesity Development and Type 2 Diabetes Treatment in Mice</b> Margit Wunderlich (Neuherberg, Germany)	10:01 - 10:04
<i>B - Reducing Severity</i>		
10:15 - 11:30		Banquet
<b>S2B1 - Reducing Severity in Animal Models</b>		
Rene Tolba (Aachen, Germany)		
Chryssa Bekiari (Thessaloniki, Greece)		
	<b>Introduction</b> Rene Tolba (Aachen, Germany)	10:15 - 10:18
S2B1.1	<b>IVF: The Engine of Evolution in the Modern Embryology Lab</b> Jean Cozzi (Lyon, France)	10:18 - 10:32

S2B1.2	<b>Non-infectious and Infectious Disease Conditions of NSG and Other Severely Immunodeficient Mouse Strains</b> Marcia Hart (Columbia, United States)	10:32 - 10:46
S2B1.3	<b>Balancing Animal Welfare and Disease Pathology in Cholestasis Studies</b> Dietmar Zechner (Rostock, Germany)	10:46 - 11:00
S2B1.4	<b>Improved Survival Rates for Swine Undergoing Myocardial Ischemia and Reperfusion Injury</b> Alicia McLuckie (Chicago, United States)	11:00 - 11:14

*C - Improving Care and Welfare*  
10:15 - 11:30

Skalkotas

**S2C3 - Approaches to Improve the Husbandry of Laboratory Fishes**

Xavier Warot (Lausanne, Switzerland)

Livia D'Angelo (Naples, Italy)

S2C3.1	<b>Life Course Husbandry for Zebrafish</b> Claire Allen (Sheffield and Nottingham, United Kingdom)	10:15 - 10:34
S2C3.2	<b>The Core Facility Concept of the Zebrafish Core Facility at Karolinska Institutet</b> Lars Bräutigam (Stockholm, Sweden)	10:34 - 10:53
S2C3.3	<b>Advancing Zebrafish Welfare through Innovative Breeding Strategies and Health Monitoring</b> Guillaume Valentin (Lausanne, Switzerland)	10:53 - 11:12
S2C3.4	<b>Optimizing the Husbandry of the African turquoise Killifish: A Step Forward in the Standardization</b> Elena De Felice (Camerino, Italy)	11:12 - 11:30

*E - Aiming for a Better Future*  
10:15 - 11:30

Trianti

**S2E3 - 'You All Shouldn't Be Here!' - How to Burst the 3R Bubble**

Valeska M. Stephan (Rostock, Germany)

Roman M. Stilling (Münster, Germany)

	<b>Introduction</b> Valeska M. Stephan (Rostock, Germany)	10:15 - 10:25
S2E3.1	<b>3Rs Implementation in Fundamental Research - a Broad Perspective</b> Augusto Vitale (Roma, Italy)	10:25 - 10:37
S2E3.2	<b>3Rs Implementation in Neurosciences</b> Christelle Baunez (Marseille, France)	10:37 - 10:49
S2E3.3	<b>Challenges of Applying 3Rs in the Field of Immunology</b> Santiago F. Gonzalez (Bellinzona, Switzerland)	10:49 - 11:01
	<b>Discussion</b>	11:01 - 11:30

*E - Aiming for a Better Future*  
10:15 - 11:30

MC 3 Conference Room

**S2E4 - Addressing the Elephant in the Room? The Impact of Personnel Practices on Animal Research**

F. Claire Hankenson (Philadelphia, United States)

Hanno Würbel (Bern, Switzerland)

	<b>Introduction</b> F. Claire Hankenson (Philadelphia, United States)	10:15 - 10:20
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S2E4.1	<b>To Err Is Human: When Animal Work is a Source of Distraction</b> F. Claire Hankenson (Philadelphia, United States)	10:20 - 10:35
S2E4.2	<b>Human-Mouse and Mouse-Mouse Interactions in Preclinical Research</b> Jeffrey Mogil (Montreal, Canada)	10:35 - 10:50
S2E4.3	<b>Of Mice and Men: How to Deal with Heterogeneity in Animal Research</b> Hanno Würbel (Bern, Switzerland)	10:50 - 11:05
S2E4.4	<b>Escaping the "Time Trap" in Reproducibility and Translation: Costs, Barriers, and Solutions for Stakeholders</b> Joseph Garner (Stanford, United States)	11:05 - 11:20
	<b>Discussion</b>	11:20 - 11:30

*A - Demonstrating Ethical Awareness and Accountability*  
10:15 - 11:30

Marinos

**W2A1 - How to Teach to Perform the Statistical Report of the Uses and Breeding Surpluses of Genetically Altered Animals Within the European Union. Part 2.**

Belén Pintado (Madrid, Spain)  
David Anderson (London, United Kingdom)

**Practical Cases Discussed and Solved in Common** 10:15 - 11:00  
David Anderson (London, United Kingdom)  
Karim Mesbah (Paris | Montpellier, France)  
Belén Pintado (Madrid, Spain)

**Discussion on Specific Topics with Different Interpretations in Previous Statistical Reports** 11:00 - 11:30  
David Anderson (London, United Kingdom)  
Karim Mesbah (Paris | Montpellier, France)  
Belén Pintado (Madrid, Spain)

*B - Reducing Severity*  
10:15 - 11:30

MC 2 Conference Room

**W2B2 - Accuracy and Confidence in Assessment: Constructing DOPS in Practice**

Rafael Frias (Solna, Sweden)  
Nuno Henrique Franco (Porto, Portugal)

W2B2.1 **Entrustable Professional Activities and Supervision Levels** 10:15 - 10:25  
Ivo Tiebosch (Utrecht, Netherlands)

W2B2.2 **Establishing Assessment Criteria (Interactive Exercise)** 10:25 - 10:40  
Ivo Tiebosch (Utrecht, Netherlands)  
Lucy Whitfield (Mildenhall, United Kingdom)

W2B2.3 **Developing DOPS** 10:40 - 10:55  
Lucy Whitfield (Mildenhall, United Kingdom)

W2B2.4 **Establishing Descriptors in a Framework (Interactive Exercise)** 10:55 - 11:15  
Ivo Tiebosch (Utrecht, Netherlands)  
Lucy Whitfield (Mildenhall, United Kingdom)

W2B2.5 **Finalising and Using DOPS** 11:15 - 11:30  
Lucy Whitfield (Mildenhall, United Kingdom)

*Opening & Closing Sessions*  
11:45 - 12:00

Trianti

**Opening Ceremony**

**Opening Words**

Aurora Brønstad (Norway)  
 Anastasia Tsingotjidou (Thessaloniki, Greece)  
 Vasileios Ntakis (Vari, Greece)  
 J-P Mocho (London, United Kingdom)  
 Katerina Marinou (Athens, Greece)

*Keynote*

12:00 - 12:30

Trianti

**K2 - The Origins of Zoology and Aristotle's Biology**

Anastasia Tsingotjidou (Thessaloniki, Greece)

K21

**The Origins of Zoology and Aristotle's Biology**

12:00 - 12:30

Stasinou Stavrianeas (Athens, Greece)

*Breaks & Networking*

12:30 - 14:30

Exhibition Area

**Lunch Break (12:30-14:30) | Commercial Workshops (13:15-14:15)***Commercial Workshops*

13:15 - 14:15

MC 3 Conference Room

**Charles River - Reproducibility, Timelines, Budgets, AND the 3Rs: Overcoming Challenges for Colony Management****Reproducibility, Timelines, Budgets, AND the 3Rs: Overcoming Challenges for Colony Management**

Jean Cozzi (Lyon, France)

*Commercial Workshops*

13:15 - 14:15

Marinos

**Tecniplast - The DVC® Effect: Rethinking Welfare, workflows and Scientific Quality**

Giorgio Rosati (Italy)

**Introduction**

Giorgio Rosati (Italy)

**Digital Ventilated Changes!**

Catriene Thuring (Groningen, Netherlands)

**Improved Welfare Monitoring in Mice via Continuous Activity Recording in Home Cage Connected to Machine Learning**

Xavier Warot (Lausanne, Switzerland)

**Automated Detection of Behavioral Stereotypies Using the DVC® System to Enhance Animal Welfare and Improve Research Outputs**

Katharina Tillmann (Vienna, Austria)

*Commercial Workshops*

13:15 - 14:15

MC 2 Conference Room

**UNO Lifescience Solutions - Optimizing Chronic Infusion and Sampling Studies: From Surgery to Study Design****Surgical Preparation, Including Anesthesia Considerations**

Adrian Schmal (Netherlands)

**Catheter Design & Placement**

Ed Hale (Leicester, United Kingdom)

**Post Surgical Catheter Care and Study Design**

Candace Rohde-Johnson (United States)

*A - Demonstrating Ethical Awareness and Accountability*

14:30 - 16:00

Banquet

**S2A1 - Implementing the Amended Directive for Zebrafish**

Livia D'Angelo (Naples, Italy)

Ana Borges (Lisbon, Portugal)

	<b>Introduction</b>	14:30 - 14:35
	Livia D'Angelo (Naples, Italy)	
S2A1.1	<b>Reporting Genetically Altered Zebrafish According to Their Phenotype</b>	14:35 - 14:50
	Karim Mesbah (Paris   Montpellier, France)	
S2A1.2	<b>Amended Directive 2010/63/EU for Zebrafish Housing and Euthanasia: Swimming to the 3Rs</b>	14:50 - 15:05
	J-P Mocho (London, United Kingdom)	
S2A1.3	<b>Genotyping Comparisons for the 3Rs in the Zebrafish Model</b>	15:05 - 15:20
	Claire Allen (Sheffield and Nottingham, United Kingdom)	
S2A1.4	<b>A Guide to Help Furnish and Care for Fish Housed in a Laboratory Environment</b>	15:20 - 15:35
	Katarina Cvek (Jönköping, Sweden)	
	<b>Discussion and Concluding Remarks</b>	15:35 - 16:00

*C - Improving Care and Welfare*

14:30 - 16:00

Skalkotas

**S2C4 - Pig Training and Conditioning for Research: AALAS-FELASA Working Group Updates**

Carly O'Malley (Wilmington, United States)

Jan Langermans (Rijswijk, Netherlands)

S2C4.1	<b>AALAS-FELASA Pig Training and Conditioning for Research Working Group: Overview and Current State</b>	14:30 - 14:40
	Jan Langermans (Rijswijk, Netherlands)	
S2C4.2	<b>Survey Result Presentation</b>	14:40 - 14:52
	Carly O'Malley (Wilmington, United States)	
S2C4.3	<b>Environmental Impacts on Pig Welfare: Enrichment and Social Environment</b>	14:52 - 15:04
	Alberto Elmi (Pisa, Italy)	
S2C4.4	<b>Principles of Learning and Practical Application of Training with Research Pigs</b>	15:04 - 15:16
	Dorte B. Sørensen (Frederiksberg C, Denmark)	
S2C4.5	<b>Enhancing Welfare and Study Outcomes through Positive Reinforcement Training in Göttingen Minipigs</b>	15:16 - 15:28
	Aina Moe (Gothenburg, Sweden)	
S2C4.6	<b>Culture of Care at the Vendor: Little by Little, a Little Becomes a Lot</b>	15:28 - 15:40
	Maja Ramløse (Dalmose, Denmark)	
	<b>Discussion</b>	15:40 - 16:00

*D - Fostering Culture of Care*

14:30 - 16:00

Trianti

**S2D1 - Interpretation and Implementation of Culture of Care in Different Areas of the World**

Javier Guillén (Pamplona, Spain)

Helena Paradell (La Vall de Bianya, Spain)

S2D1.1	<b>Implementing an Effective and Realistic Culture of Care in Europe</b>	14:30 - 14:50
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	Delphine Denais-Lalieve (Fontenay-aux-Roses, France)	
S2D1.2	<b>A North American Perspective on Interpretation and Implementation of a Culture of Care</b> Patricia Turner (Guelph, Canada)	14:50 - 15:10
S2D1.3	<b>Promoting a Culture of Care: Challenges and Opportunities in Asia-Pacific Laboratory Animal Facilities</b> Dewi K. Rowlands (Hong Kong, China)	15:10 - 15:30
S2D1.4	<b>The International Culture of Care Network: Sharing and Promotion of Culture of Care Practices</b> Cathrine Juel Bundgaard (Ganløse, Denmark)	15:30 - 15:50
	<b>Open Discussion</b>	15:50 - 16:00
<i>C - Improving Care and Welfare</i>		
14:30 - 16:00		MC 3 Conference Room
<b>W2C1 - ECLAM Workshop: Vets Present Your Case!</b>		
Argyro Zacharioudaki (Athens, Greece) Arianna Aricò (Colleretto Giacosa (TO), Italy)		
	<b>Veterinary Consultation on Laboratory Animal Care and Use</b> Argyro Zacharioudaki (Athens, Greece) Arianna Aricò (Colleretto Giacosa (TO), Italy)	14:30 - 14:45
	<b>Group Work: Solve Your Case!</b> Joana Almeida (Huntingdon, United Kingdom) Nina Trimmel (Linz, Austria) Michael Wilkinson (Glasgow, United Kingdom)	14:45 - 15:15
	<b>Case Discussion: Present Your Case!:</b>	
	<b>Case 1: A Mouse Death in Imaging</b> Michael Wilkinson (Glasgow, United Kingdom)	15:15 - 15:30
	<b>Case 2: Is the Pathogen the Culprit?</b> Nina Trimmel (Linz, Austria)	15:30 - 15:45
	<b>Case 3: What Happened to the Pig?</b> Joana Almeida (Huntingdon, United Kingdom)	15:45 - 16:00
<i>D - Fostering Culture of Care</i>		
14:30 - 16:00		Marinos
<b>W2D1 - Effective Mediation Strategies for Animal Research: A Comprehensive Workshop to Enhance the Culture of Care within Institutions</b>		
Marthe Schmit (Luxembourg, Luxembourg)		
	<b>Introduction and Key Principles of Preventive Mediation and Culture of Care</b> Marthe Schmit (Luxembourg, Luxembourg)	14:30 - 14:50
	<b>Learning Activities: Role Plays, Group Discussions</b>	14:50 - 15:40
	<b>Questions &amp; Answers and Wrap-up</b>	15:40 - 16:00
<i>E - Aiming for a Better Future</i>		
14:30 - 16:00		MC 2 Conference Room
<b>W2E1 - What Is the Name of Your Strain?</b>		
Jan-Bas Prins (Leiden, Netherlands) Viola Galligioni (Amsterdam, Netherlands)		
	<b>Introduction to International Guidelines, MGI and IMSR</b>	14:30 - 14:50

	Fernando Benavides (Houston, United States) Jan-Bas Prins (Leiden, Netherlands)	
	<b>Group Work: Assignments on Identifying and Assigning the Correct Strain Name</b>	14:50 - 15:40
	Fernando Benavides (Houston, United States) Viola Galligioni (Amsterdam, Netherlands) Nate Nowak (Cordova, United States) Jan-Bas Prins (Leiden, Netherlands)	
	<b>Discussion</b>	15:40 - 16:00
<i>Breaks &amp; Networking</i>		
16:00 - 16:45		Exhibition Area
<b>Coffee Break</b>		
<i>ePoster</i>		
16:05 - 16:40		ePoster areas (Level +1 & -2)
<b>P2PM - ePoster Session</b>		
<i>ePoster</i>		
16:05 - 16:40		ePoster areas (Level +1 & -2)
<b>P2PM1 - It's About Animal Welfare Assessment - Station 1 (Trianti Balcony, floor +1)</b>		
	Chryssa Bekiari (Thessaloniki, Greece)	
	<b>Introduction</b>	16:05 - 16:07
	Chryssa Bekiari (Thessaloniki, Greece)	
PA015	<b>The Marseille Declaration - Together We Prioritize Animal Welfare</b>	16:07 - 16:10
	Kerstin Kleinschmidt-Dörr (Darmstadt, Germany)	
PC024	<b>Assessment of the Welfare of Domestic Horses According to the Housing Conditions</b>	16:10 - 16:13
	Jean-Claude Desfontis (Nantes, France)	
PC036	<b>Conflict Management in Laboratory Mice: Preliminary Results on the Role of a Synthetic Appeasing Pheromone</b>	16:13 - 16:16
	Sara Fuochi (Apt, France)	
PC083	<b>Beagle Dog Quality of Life and Behavior Grid: A Tool for Experimental Ethology</b>	16:16 - 16:19
	Yassine Mallem (Nantes, France)	
PC087	<b>Loss of Learned Lectures: A New Approach for Welfare Assessment for Rats in Experiments</b>	16:19 - 16:22
	Jennifer Mein (Berlin, Germany)	
PC118	<b>Definition of Species-specific Needs (DoSSN) for Physiological, Social, and Mental Health</b>	16:22 - 16:25
	Anna Schneider (Darmstadt, Germany)	
PC132	<b>Setting a New Standard for Animal Welfare in the Animal Provider and Services Industry</b>	16:25 - 16:28
	Julie Torvund-Jensen (Lille Skensved, Denmark)	
PC141	<b>Improved Welfare Monitoring Via Continuous Activity Recording in Home Cage Connected to Machine Learning</b>	16:28 - 16:31
	Xavier Warot (Lausanne, Switzerland)	
PD029	<b>Enhancing a Culture of Care Through Animal Welfare Teams, Event Recognition, Reporting, and Analysis</b>	16:31 - 16:34
	Kathleen P Storves (Wilmington, United States)	

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P2PM2 - It's About Improving the Model - Station 2 (Trianti Balcony, floor +1)**

Otto Kalliokoski (Copenhagen, Denmark)

	<b>Introduction</b>	16:05 - 16:07
	Otto Kalliokoski (Copenhagen, Denmark)	
PA029	<b>Analysis of Published Non-technical Project Summaries in Austria in 2021 to Assess Replacement Methods</b>	16:07 - 16:10
	Sophie Schober (Klosterneuburg, Austria)	
PB028	<b>Focus on Severe Suffering - Picking the 'High-hanging Fruit'</b>	16:10 - 16:13
	Penny Hawkins (Horsham, United Kingdom)	
PB029	<b>Exploring Nav1.7 Blockade in Cough Suppression in a Guinea Pig Model of Allergic Rhinitis</b>	16:13 - 16:16
	Janka Jakusova (Martin, Slovakia)	
PB044	<b>Multimodal Wound Healingplace Matrix in Wound Healing: Study Design to Reduce the Animals' Number</b>	16:16 - 16:19
	Manon Renault (Stockholm, Sweden)	
PC061	<b>Setting Up Your Surgical Field for Surgery in Pigs and Stereotaxic Surgery in Rodents</b>	16:19 - 16:22
	Thomas Hubert (Lille, France)	
PC110	<b>Humane Endpoints in Mouse Pups under 5 Days of Age</b>	16:22 - 16:25
	Caroline Quigley (Edinburgh, United Kingdom)	
PE036	<b>IMP3ROVE Animal Research</b>	16:25 - 16:28
	Maria Kitsara (Athens, Greece)	
PE045	<b>Using the TRL Scale to Manage the Development of Alternative Technologies to Animal Biomodels</b>	16:28 - 16:31
	CHRISTOPH MILEWSKI (Rio de Janeiro, Brazil)	
PE055	<b>Multicolor Flow Cytometric Approach to the Functional Analysis of Cryopreserved Mouse Sperm</b>	16:31 - 16:34
	Nataliia Shapovalova (Zurich, Switzerland)	

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P2PM3 - It's All About Ethics - Station 3 (Banquet Level, floor -2)**

Marion Berard (Paris, France)

	<b>Introduction</b>	16:05 - 16:07
	Marion Berard (Paris, France)	
PA003	<b>Advancing Ethical Standards in Brazilian Animal Research: Transformations, Regulations, and Innovations Under CONCEA</b>	16:07 - 16:10
	Luisa Braga (Brasilia, Brazil)	
PA010	<b>Teaching Animal Ethics to a Multidisciplinary Academic Audience</b>	16:10 - 16:13
	Eirini Fragkiadaki (Athens, Greece)	
PA014	<b>Critical Gaps in the Ethical Review of Animal Research in Sweden</b>	16:13 - 16:16
	Svea Jörgensen (Uppsala, Sweden)	
PA020	<b>Collaborative Governance for Ethical Animal Research: Bridging Gaps Between Government, Institutions, and NGOs</b>	16:16 - 16:19
	Karen Mulkijanyan (Tbilisi, Georgia)	
PD008	<b>Being the Local Ethics Committee of a CRO: How to Overcome the Challenges</b>	16:19 - 16:22

	Cécile Fant (Saint-Germain-Nuelles, France)	
PD018	<b>One Welfare Committee, Integrating the Welfare of Animals, People and the Environment</b> Anupah Makoond (Riviere des Anguilles, Mauritius)	16:22 - 16:25
PE021	<b>Sex as Biological Variable: How to Help Researchers to Implement It in Animal Assays?</b> Virginie Dangles-Marie (Paris, France)	16:25 - 16:28
PE052	<b>The Evolution of Laboratory Animal Science Policies in Europe and Brazil: A Bibliometric Analysis</b> Jivago Rolo (Brasilia, Brazil)	16:28 - 16:31
PA034	<b>Decision Making Tools Enabling Methodological and Relevant Ethical Review of Study Protocols</b> Heloise Vollmer (LYON, France)	16:31 - 16:34

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P2PM4 - It's All About Handling and Husbandry - Station 4 (Banquet Level, floor -2)**

Susanne Rensing (Goettingen, Germany)

	<b>Introduction</b> Susanne Rensing (Goettingen, Germany)	16:05 - 16:07
PC138	<b>Challenges Associated with Female Rabbits Group Housing in Local Tolerance Studies for Vaccines</b> Heloise Vollmer (LYON, France)	16:07 - 16:10
PC035	<b>Strain-Specific Behavioral Responses to Facility Maintenance Activities in Laboratory Mice</b> Joan Antoni Fernández Blanco (Barcelona, Spain)	16:10 - 16:13
PC063	<b>Can Tail-handling be Non-Aversive? A Comparative Assessment of Mouse Handling Techniques</b> Boris Jerchow (Basel, Switzerland)	16:13 - 16:16
PC090	<b>Interrelation between Light Intensity and Activity of Mice in a Individually Ventilated Cage</b> Gianpaolo Milite (Udine, Italy)	16:16 - 16:19
PC096	<b>The Use of Floor Pens for Social Housing Naive Rabbits</b> Ana Obaya (Leicestershire, United Kingdom)	16:19 - 16:22
PC116	<b>Something to Hang on To! A Cage Ladder for Climbing and Handling</b> Rebecca Sandgren (Lund, Sweden)	16:22 - 16:25
PD032	<b>Advantages of an All-husbandry-embracing Intramural Animal Welfare Body</b> Katharina Tillmann (Vienna, Austria)	16:25 - 16:28
PC040	<b>Enhancing Rat Welfare: Implementing Low-Stress Handling Methods in a Large-scale Facility</b> Wairimu Gatome (Margate, United Kingdom)	16:28 - 16:31

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P2PM5 - It's All About Oncology - Station 5 (Banquet Level, floor -2)**

Antonio Casal (Pontevedra, Spain)

	<b>Introduction</b> Antonio Casal (Pontevedra, Spain)	16:05 - 16:07
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PC041	<b>Spontaneous Superficial Tumours in the NSG Mouse Strain</b> Wairimu Gatome (Margate, United Kingdom)	16:07 - 16:10
PB040	<b>Targeting Acral Melanoma in Mice by Voluntary Oral Delivery of Drugs</b> Frida Nilsson (Zurich, Switzerland)	16:10 - 16:13
PC003	<b>Classification of Lesions in Subcutaneous Tumor Models in Mice</b> Birte Appelt (Basel, Switzerland)	16:13 - 16:16
PC065	<b>How to Act When Detecting Tumor Ulceration in Mice within Cancer Research</b> Ben Jurgens (Amsterdam, Netherlands)	16:16 - 16:19
PC139	<b>A Project Based Approach: Refinement of Animal Welfare in Tumor Models</b> Alinde Wallinga (Nijmegen, Netherlands)	16:19 - 16:22
PE005	<b>In Vitro and in Vivo Efficacy of New Taxane-based Chemotherapeutics in Pancreatic Cancer</b> Hana Bendova (Prague, Czech Republic)	16:22 - 16:25
PE073	<b>In Vitro and In Vivo Efficacy of New Taxane-based Chemotherapeutics in Resistant Ovarian Carcinoma</b> Alena Vlkova (Prague, Czech Republic)	16:25 - 16:28

*A - Demonstrating Ethical Awareness and Accountability*

16:45 - 18:00

Banquet

**S2A2 - Advances in Communication in Animal Research**

Michail Pavlidis (Heraklion, Greece)

Karen Mulkijanyan (Tbilisi, Georgia)

	<b>Introduction</b> Michail Pavlidis (Heraklion, Greece)	16:45 - 16:50
S2A2.1	<b>Homer, Herodotus, Hippocrates and Aristotle: What have the Ancient Greeks Taught us about Animals?</b> Wendy Jarrett (London, United Kingdom)	16:50 - 17:03
S2A2.2	<b>Why Openness Works</b> Joanna Stanley (Manchester, United Kingdom) Mike Addelman (Manchester, United Kingdom)	17:03 - 17:16
S2A2.3	<b>Talking about Harms, Severity and the Limitations of Animal Research</b> Hannah Hobson (London, United Kingdom)	17:16 - 17:29
S2A2.4	<b>The Use of Social Media to Demonstrate Awareness in Animal Research</b> Helena Pinheiro (London/Brussels, United Kingdom)	17:29 - 17:42
S2A2.5	<b>Communicating with Impact about Animal Research at your Institution</b> Eva Maciejewski (Washington, DC, United States)	17:42 - 17:55
	<b>Closing Remarks</b>	17:55 - 18:00

*B - Reducing Severity*

16:45 - 18:00

Skalkotas

**S2B2 - Reducing Severity by Refining Procedures**

Marcel ter Veld (Leiden, Netherlands)

Amir Rosner (Ness ziona, Israel)

	<b>Introduction</b>	16:45 - 16:50
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	Marcel ter Veld (Leiden, Netherlands)	
S2B2.1	<b>Refining Animal Experiments: An Extensive Update of the Humane Endpoints Website</b> Melissa J.J. van Velthoven (Utrecht, Netherlands)	16:50 - 17:05
S2B2.2	<b>Finding The Needle in The Haystack: Practical Diagnostic Approach To Unexpected Rodent Health Issues</b> Marcia Hart (Columbia, United States)	17:05 - 17:20
S2B2.3	<b>Supporting the LAS Surgeon to Succeed - Lessons from Healthcare about Training and Mentoring</b> Lucy Whitfield (Mildenhall, United Kingdom)	17:20 - 17:45
S2B2.4	<b>Can We Really Detect Pain in Laboratory Rodents (?) - Perspectives from Pain-Research</b> Sara Hestehave (Copenhagen, Denmark)	17:45 - 18:00
	<i>G - My Oral Presentation in 180 Seconds</i> 16:45 - 18:00	Trianti
	<b>S2G1 - My Oral Presentation in 180 Seconds</b> Viola Galligioni (Amsterdam, Netherlands) Chris Van Ginneken (Brussels, Belgium) Aurora Brønstad (Norway) Livia D'Angelo (Naples, Italy) Delphine Denais-Lalievie (Fontenay-aux-Roses, France) Helena Paradell (La Vall de Bianya, Spain)	
	<b>Introduction</b> Viola Galligioni (Amsterdam, Netherlands) Chris Van Ginneken (Brussels, Belgium)	16:45 - 16:50
S2G1.1	<b>Challenges in Maintaining Microbial Status of Rodents in Specific Pathogen Free and Conventional Housing</b> Debora Rapaport (Tel Aviv, Israel)	16:50 - 16:55
S2G1.2	<b>A Mouse Is Not an Orange</b> Kévin P. Dhondt (Saint-Germain-Nuelles, France)	16:55 - 17:00
S2G1.3	<b>Development of a Climbing Test in Mice: A Novel Approach for Assessing Pain-like Behaviour</b> Morten Malmberg (Copenhagen, Denmark)	17:00 - 17:05
S2G1.4	<b>Text-based Algorithms for Knowledge Management and Support of the Licensing Process of Animal Experiments</b> Annamari Alitalo (Bern, Switzerland)	17:05 - 17:10
S2G1.5	<b>Refinement in Arthritis-spondyloarthritis Mouse Models</b> Konstantina Eleni Ninou (Vari, Greece)	17:10 - 17:15
S2G1.6	<b>The 3Rs in 3 Minutes: An Effective Mode of Communication?</b> Carly O'Malley (Wilmington, United States)	17:15 - 17:20
S2G1.7	<b>Reducing Severity with a Little Help from My Friends</b> Konstantina Eleni Ninou (Vari, Greece)	17:20 - 17:25
S2G1.8	<b>Fish First - Establishing New Rehoming Programs</b> Hanna Schöpfer (Bonn, Germany)	17:25 - 17:30
S2G1.9	<b>Introducing Sentinel-Free Health Monitoring - About the Importance of Modernizing Established Procedures</b> Kevin Weber-Wilk (Heidelberg, Germany)	17:30 - 17:35
S2G1.10	<b>Implementation of the Replacement, Reduction, and Refinement Principles in Noninvasive Hypoxia Model in Rats</b>	17:35 - 17:40

	Sara Trnski Levak (Zagreb, Croatia)	
S2G1.11	<b>Refinement and Habituation of Golden Hamsters in Covid-19 Vaccine and Drug Research</b> Malan Štrbenc (Ljubljana, Slovenia)	17:40 - 17:45
<i>B - Reducing Severity</i>		
16:45 - 18:00		MC 2 Conference Room
<b>W2B3 - End to End Severity Reduction: From Generation to Colony, Refining GA Techniques and Practices</b>		
Michelle Stewart (Oxfordshire, United Kingdom) Lydia Teboul (Harwell, United Kingdom)		
W2B3.1	<b>Lessening Welfare Issues in Genome Edited Founder Animals</b> Lydia Teboul (Harwell, United Kingdom)	16:45 - 17:10
W2B3.2	<b>End to End Severity Reduction: From Generation to Colony, Refining GA Techniques and Practices</b> Michelle Stewart (Oxfordshire, United Kingdom)	17:10 - 17:35
W2B3.3	<b>Disease Positioning GA Models - Impact on Severity</b> Sara Wells (Harwell, United Kingdom)	17:35 - 18:00
<i>D - Fostering Culture of Care</i>		
16:45 - 18:00		MC 3 Conference Room
<b>W2D2 - How to Nurture Genuine Error Cultures for the Benefit of Lab Animals</b>		
Florian Alexander Dehmelt (Tuebingen, Germany) Sally Robinson (Manchester, United Kingdom)		
	<b>Introduction</b> Florian Alexander Dehmelt (Tuebingen, Germany)	16:45 - 16:50
W2D2.1	<b>The Elephant in the Room - Mistakes that Were, Are, and Will Be Made</b> Caroline Johner (Freiburg, Germany)	16:50 - 16:55
W2D2.2	<b>Redefining Animal Welfare - The Impact of Critical Incident Reflection</b> Sabine Juliane Bischoff (Duesseldorf, Germany)	16:55 - 17:00
W2D2.3	<b>Scientific Benefits of Better Error Management</b> Natascha Drude (Berlin, Germany)	17:00 - 17:05
W2D2.4	<b>Creating a Culture of Care and Learning through Open Reporting of Events</b> Sally Robinson (Manchester, United Kingdom)	17:05 - 17:10
W2D2.5	<b>Mistaken Assumptions - How Public Science Communication Shapes Error Cultures in the Lab</b> Florian Alexander Dehmelt (Tuebingen, Germany)	17:10 - 17:15
	<b>Discussion of Issues Among Participants</b>	17:15 - 17:35
	<b>Debate</b>	17:35 - 18:00
<i>Breaks &amp; Networking</i>		
18:00 - 20:00		Exhibition Area
<b>Welcome Reception</b>		

Tuesday, June 3, 2025

*B - Reducing Severity*

08:00 - 09:30

Banquet

**S3B1 - Supporting Harm-Benefit Assessments When Using Complex Neuroscience Laboratory Rodent Models**

Jordi L.Tremoleda (London, United Kingdom)

Viola Galligioni (Amsterdam, Netherlands)

- |        |   |               |
|--------|---|---------------|
| S3B1.1 | <b>Comparative CNS Anatomy and Physiology</b><br>Anastasia Tsingotjidou (Thessaloniki, Greece)  | 08:00 - 08:20 |
| S3B1.2 | <b>Modelling CNS Diseases: In-vivo/ Ex-vivo/ In-vitro Approaches and Their Translational Relevance to Human Neuroscience</b><br>Silvina L. Diaz (Buenos Aires, Argentina)                           | 08:20 - 08:40 |
| S3B1.3 | <b>A Defined, Low Fibre Diet Makes EAE More Uniform and Allows Control over Severity</b><br>Juli Kaiser (Tuebingen, Germany)  | 08:40 - 08:55 |
| S3B1.4 | <b>Innovations on Neurobehaviour (1) and Training and Competence in Interventional CNS Modelling (2)</b><br>Jordi L.Tremoleda (London, United Kingdom)<br>Viola Galligioni (Amsterdam, Netherlands) | 08:55 - 09:30 |

*C - Improving Care and Welfare*

08:00 - 09:30

MC 3 Conference Room

**S3C1 - 3RS in Action: Refining Techniques, Enhancing Training and Optimizing Environments**

Sabrina Ravel (Marseille, France)

Jan Honetschläger (Prague, Czech Republic)

- |        |  |               |
|--------|--|---------------|
| S3C1.1 | <b>Comparative Analysis of Different Minimal-Invasive Sampling Methods for Genotyping: Improvement Towards the 3R Principle</b><br>Miriam Hopfe (Erkrath, Germany)         | 08:00 - 08:15 |
| S3C1.2 | <b>Shake It, Baby! Lessons from the Conflict between Construction Sites Next to Animal Facilities</b><br>Katharina A. Remer (Würzburg, Germany)                            | 08:15 - 08:30 |
| S3C1.3 | <b>Vivarium Rotation Program: Advancing Animal Welfare, Fostering Cross-Vivarium Collaboration, and Global Culture of Care</b><br>Manja Frieese-Hamim (Darmstadt, Germany) | 08:30 - 08:45 |
| S3C1.4 | <b>Evolution of Murine Microbiome from Vendors, Quarantine, Germ-free, Breeding and Experimental facilities over 24-Weeks</b><br>Camilla Anibaldi (Bern, Switzerland)      | 08:45 - 09:00 |
| S3C1.5 | <b>Low-cost AI Smart Cages to Digitize Existing Infrastructure</b><br>Michael Florea (South San Francisco, United States)  | 09:00 - 09:15 |
| S3C1.6 | <b>Enhancing Training and Reducing Animal Use: 3D-Printed Rodent Tail Models for i.v. Injection Training</b><br>Felix Gantenbein (Zurich, Switzerland)                     | 09:15 - 09:30 |

*D - Fostering Culture of Care*

08:00 - 09:30

Trianti

**S3D1 - Animal Welfare Bodies in Europe: A Valuable Partner to Culture of Care**

Ana Isabel Santos (Lisboa, Portugal)

Penny Hawkins (Horsham, United Kingdom)

- |        |  |               |
|--------|--|---------------|
| S3D1.1 | <b>15 Years of AWB in Europe</b><br>Vootele Voikar (Helsinki, Finland) | 08:00 - 08:20 |
|--------|--|---------------|

S3D1.2	<b>How the National AWB Networks Have Built Together a European Network</b> Ana Isabel Santos (Lisboa, Portugal)	08:20 - 08:40
S3D1.3	<b>RedeORBEA -The Portuguese Animal Welfare Bodies Network. A Sum Greater Than its Parts</b> Nuno Henrique Franco (Porto, Portugal)	08:40 - 09:00
S3D1.4	<b>The French Guide for the Animal Welfare Bodies</b> Delphine Denais-Lalieve (Fontenay-aux-Roses, France)	09:00 - 09:20

*F - SkillUp Tech Session*

08:00 - 09:30

Skalkotas

**S3F1 - A Win-Win Situation for Research Quality and Work Satisfaction: More Involvement of Animal Care Staff**

Fernando Gonzalez Uarquin (Mainz, Germany)

Paulin Jirkof (Zurich, Switzerland)

S3F1.1	<b>Involvement of Animal Caretakers and Technicians in the Planning and Conduction of Animal Experiments</b> Sophie Schober (Klosterneuburg, Austria)	08:00 - 08:20
S3F1.2	<b>The Quality of Animal Research Depends on All Active Players</b> Bettina Bert (Berlin, Germany)	08:20 - 08:40
S3F1.3	<b>The Role of Technicians in Qualitative Assessment of Animal Welfare and its Subjective Experience</b> Augusto Vitale (Roma, Italy)	08:40 - 09:00
	<b>Discussion</b>	09:00 - 09:30

*B - Reducing Severity*

08:00 - 09:30

Marinos

**W3B1 - Self-Made Score Sheet or Not? That's the Question**

Philippe Bugnon (Zürich, Switzerland)

Maike Heimann (Zürich, Switzerland)

**Introduction**

Maike Heimann (Zürich, Switzerland)

Philippe Bugnon (Zürich, Switzerland)

**Interactive Session**

Maike Heimann (Zürich, Switzerland)

Philippe Bugnon (Zürich, Switzerland)

*C - Improving Care and Welfare*

08:00 - 09:30

MC 2 Conference Room

**W3C1 - Challenges in Rodent Anesthesia**

Cholawat Pacharinsak (Stanford, United States)

Patrick Sharp (West Lafayette, United States)

**Challenges in Rodent Anesthesia**

Cholawat Pacharinsak (Stanford, United States)

Patrick Sharp (West Lafayette, United States)

*Breaks & Networking*

09:30 - 10:15

Exhibition Area

**Coffee Break**

*ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P3AM - ePoster Session***ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P3AM1 - It's All About NHP - Station 1 (Trianti Balcony, floor +1)**

Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)

**Introduction**

09:35 - 09:37

Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)

PA006

**Successful Rehoming of Rhesus Macaques Involved in Neurophysiology Research**

09:37 - 09:40

Stéphanie De Vleeschauwer (Leuven, Belgium)

PC039

**A Scoping Review on the Effects of Physical Enclosure and Accessories on Macaque Welfare**

09:40 - 09:43

Brianna N. Gaskill (Cambridge, United States)

PC068

**Refinements for Cranial Implant Application in Macaca Fascicularis**

09:43 - 09:46

Carlotta Lambertini (Bologna, Italy)

PC070

**Genetic Assays as Tool for Conservation Management of Non-human Primate Species**

09:46 - 09:49

Jan Langermans (Rijswijk, Netherlands)

PC073

**Management of Newborn Triplets in a Marmoset Breeding Unit: Example of a Successful Approach**

09:49 - 09:52

Gabriel Le Texier (Baugy, France)

PC128

**Evaluation of Structural Environment and Implementation of Novel Foraging Strategies in NHP/Large Animals**

09:52 - 09:55

Nadine E. Suendermann (Castrop-Rauxel, Germany)

PC145

**Refining Weight Monitoring in Rhesus Macaques (*Macaca mulatta*): Use of Percentile Growth Curves**

09:55 - 09:58

Claire Witham (Salisbury, United Kingdom)

PD024

**The NHP-specific FELASA Course: Practical Training in a Skills Lab**

09:58 - 10:01

Björg Pauling (Göttingen, Germany)

PE058

**A Comparison of Three Viral Infections with Radiomics; What Can't We See?**

10:01 - 10:04

Marieke Stammes (Rijswijk, Netherlands)

*ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P3AM2 - It's All About Education and Training - Station 2 (Trianti Balcony, floor +1)**

Klas Abelson (Copenhagen, Denmark)

**Introduction**

09:35 - 09:37

Klas Abelson (Copenhagen, Denmark)

PA007

**The 3Rs, Essential in Teaching Activities at Oniris VetAgroBio Nantes, France**

09:37 - 09:40

Jean-Claude Desfontis (Nantes, France)

PC084

**Training in Animal Experimentation: ComED's Initiatives in Distance Learning, Ethical Practices, and Mentorship Programs**

09:40 - 09:43

Astrid Smits (Leverkusen, Germany)

PD017

**Establishment of a National Training Program for Trainees and Technicians**

09:43 - 09:46

	Sonja Kunath (Cologne, Germany)	
PE020	<b>MorphoPHEN: a Joint European Master Degree on Human Diseases Models Morphological Phenotyping</b> Livia D'Angelo (Naples, Italy)	09:46 - 09:49
PE031	<b>Development of Training Simulator for Laboratory Animal Experiment</b> Eun Kang (Seoul, Korea, Republic of)	09:49 - 09:52
PE040	<b>Education in Laboratory Animal Science Using the Adaptable Online Platform LAS Interactive</b> Nicole Linklater (Brussel, Belgium)	09:52 - 09:55
PE047	<b>Embedding a 3Rs Strategy into a Training Framework</b> Joanna Moore (Glasgow, United Kingdom)	09:55 - 09:58
PE066	<b>The Development of a Three-stage Training Program on Performing Non-Clinical Studies in Lab Animals</b> Maria Anna Tsoutsou (Athens, Greece)	09:58 - 10:01

*ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P3AM3 - It's About Mental Health - Station 3 (Banquet Level, floor -2)**

Chryssa Bekiari (Thessaloniki, Greece)

	<b>Introduction</b> Chryssa Bekiari (Thessaloniki, Greece)	09:35 - 09:37
PD027	<b>Rodent Euthanasia: The Role of Animal Welfare Expert in Soothing This Emotional Burden</b> Coline Sagot (L'Arbresle, France)	09:37 - 09:40
PA012	<b>A Survey on Perceptions on Using Animal and Non-animal Models in Biomedical Research</b> Aurora Hämäläinen (Helsinki, Finland)	09:40 - 09:43
PC027	<b>Cross-sectional Study in Argentina: First Approach to the Human-Laboratory Animal Interactions</b> Silvina L. Diaz (Buenos Aires, Argentina)	09:43 - 09:46
PC080	<b>Building a Platform for Experimental Protocols and DOPs to Improve Animal Welfare and Science</b> Mieneke Lujendijk (Utrecht, Netherlands)	09:46 - 09:49
PD001	<b>Mental Health of Apprentices During First-ever Experience with Laboratory Animals</b> Christine Bauer (Basel, Switzerland)	09:49 - 09:52
PD010	<b>Quality of Life in Laboratory Animal Professionals: Fatigue and Satisfaction in a Brazilian Institution</b> Isabel Freire (Rio de Janeiro, Brazil)	09:52 - 09:55
PD012	<b>Learning from Failure: Fostering a Culture of Care</b>	09:55 - 09:58
PD039	<b>Introducing Low Stress Handling in an Oncology CRO: Strategy and Impact on Staff</b> Nina Zanella (Freiburg, Germany)	09:58 - 10:01

*ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P3AM4 - It's About Animal Welfare - Station 4 (Banquet Level, floor -2)**

Otto Kalliokoski (Copenhagen, Denmark)

	<b>Introduction</b>	09:35 - 09:37
	Otto Kalliokoski (Copenhagen, Denmark)	
PE053	<b>Integrating AI in Animal Welfare: A Chatbot for Humane Endpoints in Laboratory Research</b>	09:37 - 09:40
	Jivago Rolo (Brasilia, Brazil)	
PC006	<b>Considerations for Improving Animal Husbandry Practices for Laboratory Rodents</b>	09:40 - 09:43
	Paul B. Bernard (Charlottetown, Canada)	
PC030	<b>Automated Behavioral and Metabolic Phenotyping of Individual Rodents in a Social Group</b>	09:43 - 09:46
	Irina Distergoft (Berlin, Germany)	
PC085	<b>Digital Ventilated Cage Interlinking: Home-cage Monitoring System to Improve Welfare in Mouse Behavioural Testing</b>	09:46 - 09:49
	Silvia Mandillo (Monterotondo scalo (Rome), Italy)	
PC089	<b>Reducing Weaning Stress in Mouse Offspring: The Benefits of Maintaining Familiar Environments</b>	09:49 - 09:52
	Ann-Mari Mikkola-Bergqvist (Solna, Sweden)	
PC101	<b>Corticosterone Measurement in Hair as an Early Indicator of Chronic Stress in Laboratory Mice</b>	09:52 - 09:55
	Solenn Percelay (Archamps, France)	
PE076	<b>Development and Characterization of a Large Colony Cage for Rat Toxicity Studies</b>	09:55 - 09:58
	Jan Weidenbusch (Darmstadt, Germany)	
PC114	<b>Pride and Prejudice - the True Story of a Rodent Low Stress Handling Implementation</b>	09:58 - 10:01
	Coline Sagot (L'Arbresle, France)	
PC105	<b>Can Scented Gnaw Sticks Provide Better Environmental Enrichment to Single-House Mice?</b>	10:01 - 10:04
	Angelica Petersson (Gothenburg, Sweden)	
<i>ePoster</i>		
09:35 - 10:10		ePoster areas (Level +1 & -2)
<b>P3AM5 - It's About Better Planning for Better Studies - Station 5 (Banquet Level, floor -2)</b>		
Aurora Brønstad (Norway)		
	<b>Introduction</b>	09:35 - 09:37
	Aurora Brønstad (Norway)	
PA004	<b>Strategies for the Implementation of the 3Rs in Research and Development Institutions in Uruguay</b>	09:37 - 09:40
	Martín Breijo (Montevideo, Uruguay)	
PA025	<b>Systematic Review Reduces False Positive Interpretations of Animal Experiments Data</b>	09:40 - 09:43
	Vladimir Popov (Moscow, Russian Federation)	
PB024	<b>Welfare Implications Related to Sex in a Rat Thoracic Spinal Cord Injury Model</b>	09:43 - 09:46
	Ansar Fasaludeen (Copenhagen, Denmark)	
PC053	<b>Modest Differences in Mental and Physical Health of Male Mice under Different Housing Conditions</b>	09:46 - 09:49
	Jaimie Hak (Utrecht, Netherlands)	
PD022	<b>Change Management Improving the Merck 4Rs (REPLACE, REDUCE, REFINE, RESPOSIBILITY) in Contract Research</b>	09:49 - 09:52

	Amanda Novak (Edinburgh, United Kingdom)	
PE004	<b>Barriers and Enablers to Conducting Systematic Reviews at a German University Medical Center</b> Alexandra Bannach-Brown (Berlin, Germany)	09:52 - 09:55
PE010	<b>ASSET International Project: Digital Tools for the Management and Sharing of Research Animal Samples</b> Leif Carlsson (Umeå, Sweden)	09:55 - 09:58
PE075	<b>Improving Translatability of Preclinical Stroke Models Through Systematic Review: Focus on Biological Sex</b> Sofija Vojvodic (Berlin, Germany)	09:58 - 10:01
PA027	<b>PubCompare: Enhancing Protocol Search, Comparison, and Reproducibility in Preclinical Research</b> Jivago Rolo (Brasilia, Brazil)	10:01 - 10:04
<i>A - Demonstrating Ethical Awareness and Accountability</i>		
10:15 - 11:30		Skalkotas
<b>S3A1 - Harmonising NHP Research and Legislation Across Europe</b>		
Kirk Leech (London, United Kingdom)		
	<b>Introduction and Objectives</b>	10:15 - 10:20
	Kirk Leech (London, United Kingdom)	
S3A1.1	<b>The Impact of Current Legislative Practices on Non-human Primate Research in Germany and Europe</b> Kristine Krug (Magdeburg, Germany)	10:20 - 10:35
S3A1.2	<b>From Policies to Public Opinion: Public Engagement and the Future of Non-Human Primate Research</b> Luca Bonini (Parma, Italy)	10:35 - 10:50
S3A1.3	<b>Coordination of Research Laboratories in Response to Current NHPs Legislative Practices</b> Thomas Brochier (Marseille, France)	10:50 - 11:05
	<b>Discussion</b>	11:05 - 11:30
<i>C - Improving Care and Welfare</i>		
10:15 - 11:30		Banquet
<b>S3C2 - The 3Hs (Housing, Handling and Habituation) Initiative: A Framework to Support Positive Welfare and Reduce Cumulative Suffering in Laboratory Animals</b>		
Emma Robinson (Bristol, United Kingdom)		
Julia Bartlett (Bristol, United Kingdom)		
S3C2.1	<b>The 3Hs Initiative: Introduction to the Concept and Framework</b> Megan Jackson (Bristol, United Kingdom)	10:15 - 10:35
S3C2.2	<b>Apply the Principles of the 3Hs for the Management of Laboratory Rodents</b> Julia Bartlett (Bristol, United Kingdom)	10:35 - 10:55
S3C2.3	<b>Use of Behavioural Training and Habituation to Support Refined Methods in Large Animal Species</b> Cathrine Juel Bundgaard (Ganløse, Denmark)	10:55 - 11:15
	<b>Panel discussion: Barriers and solutions for implementing the 3Hs</b>	11:15 - 11:30

*E - Aiming for a Better Future*

10:15 - 11:30

Trianti

**S3E1 - Aiming for Better Communication**

Marcel ter Veld (Leiden, Netherlands)

Thorsten Buch (Schlieren, Switzerland)

S3E1.1	<b>Empowering Scientists and Techs to Talk Confidently about Animal Research on Social Media</b> Mary Harvie (London, United Kingdom)	10:15 - 10:30
S3E1.2	<b>Supporting Replacement in Academia: Exploring Barriers Around the Acceptance and Uptake of Non-animal Methods</b> Barney Reed (Horsham, United Kingdom)	10:30 - 10:45
S3E1.3	<b>The Animal Research Conversation: How Talking in Schools Can Change Beliefs about Animal Research</b> Wendy Jarrett (London, United Kingdom)	10:45 - 11:00
S3E1.4	<b>Advancing Laboratory Animal Science Education: Virtual Reality for Practical Skill Training in FELASA Courses</b> Julia Steitz (Aachen, Germany)	11:00 - 11:15
S3E1.5	<b>2018 - 2022 Implementation Report under Directive 2010/63/EU - Are we making progress?</b> David Anderson (London, United Kingdom)	11:15 - 11:30

*E - Aiming for a Better Future*

10:15 - 11:30

MC 3 Conference Room

**S3E2 - EU Roadmap Towards Phasing Out Animal Testing for Chemical Safety Assessments**

Katrín Schutte (Brussels, Belgium)

Gavin Maxwell (Brussels, Belgium)

S3E2.1	<b>Why a EU Roadmap Towards Phasing Out Animal Testing for Chemical Safety Assessments</b> Katrín Schutte (Brussels, Belgium)	10:15 - 10:35
S3E2.2	<b>Important Milestones in the Roadmap for Replacing Animal Testing for Industrial Chemicals</b> Tomasz Sobanski (Helsinki, Finland) Katrín Schutte (Brussels, Belgium)	10:35 - 10:55
S3E2.3	<b>EPAA Collaboration in the Development of the EU Roadmap</b> Gavin Maxwell (Brussels, Belgium)	10:55 - 11:15
	<b>Questions and Answers - Floor Is Yours</b>	11:15 - 11:30

*B - Reducing Severity*

10:15 - 11:30

MC 2 Conference Room

**W3B2 - Using the ETPLAS DOPS for Assessing the Practical Skills of Personnel Working with Laboratory Animals**

Jan-Bas Prins (Leiden, Netherlands)

Anne-Dominique Degryse (Puylaurens, France)

W3B2.1	<b>ETPLAS Working Group on DOPS Development for Practical Skills Assessment - Introduction and Overview</b> Rafael Frias (Solna, Sweden)	10:15 - 10:25
W3B2.2	<b>Understanding the ETPLAS DOPS</b> Ivo Tiebosch (Utrecht, Netherlands)	10:25 - 10:35
W3B2.3	<b>Practical application of the ETPLAS DOPS</b> Lucy Whitfield (Mildenhall, United Kingdom)	10:35 - 10:45
W3B2.4	<b>Case Studies and Real-world Application</b>	10:45 - 11:30

Andreia Costa (Porto, Portugal)

*A - Demonstrating Ethical Awareness and Accountability*

10:15 - 11:30

Marinos

**W4A1 (repeated) - Practical Guidance for Implementation of an Institutional 3RS Strategy**

Ngaire Dennison (Dundee, United Kingdom)

Anja Petrie (Aberdeen, United Kingdom)

W4A1.1 **Interactive: Setting the Scene - Openness and Transparency** 10:15 - 10:30

Ngaire Dennison (Dundee, United Kingdom)

Anja Petrie (Aberdeen, United Kingdom)

W4A1.2 **Review of Replacement Projects at an Institute; How Can We Do It?** 10:30 - 10:45

Anja Petrie (Aberdeen, United Kingdom)

W4A4.3 **How Can a 3RS Organisation Help?** 10:45 - 10:55

Juliet Dukes (Nottingham, United Kingdom)

**Interactive: Practical implementation and benchmarking**

**Led by speakers**

**Practical examples that explore the questions:**

- **How do we get 3Rs integration into research governance?**
- **Why does 3Rs need to be part of governance?**
- **What is the process to get this imbedded and who would benefit?**
- **How do we benchmark a 3Rs strategy?**
- **How do we get funding?**

Ngaire Dennison (Dundee, United Kingdom)

Juliet Dukes (Nottingham, United Kingdom)

Anja Petrie (Aberdeen, United Kingdom)

10:55 - 11:30

*Keynote*

11:45 - 12:30

Trianti

**K3 - Is the Brain in the Goldilocks Zone?**

Aurora Brønstad (Norway)

K31 **Is the Brain in the Goldilocks Zone?** 11:45 - 12:30

George Paxinos (Sydney, Australia)

*Breaks & Networking*

12:30 - 14:30

Exhibition Area

**Lunch Break (12:30-14:30) | Commercial Workshops (13:15-14:15)**

*E - Aiming for a Better Future*

13:00 - 14:15

Banquet

**S3E3 - Ask Me Anything: "Facility Management" Forum**

Vasileios Ntafis (Vari, Greece)

Eirini Fragkiadaki (Athens, Greece)

S3E3.1 **Facility Construction and Reconstruction Challenges** 13:00 - 13:25

Jan Honetschläger (Prague, Czech Republic)

S3E3.2 **Leadership and Team Management: Creating Excellence in Laboratory Animal Science** 13:25 - 13:50

Maria Kamper (Manchester, United Kingdom)

S3E3.3 **Care and Welfare of Animals** 13:50 - 14:15

Ngaire Dennison (Dundee, United Kingdom)

**Discussion**

Vasileios Ntafis (Vari, Greece)

14:15 - 14:15

*Commercial Workshops*

13:15 - 14:15

MC 3 Conference Room

**Allentown - Mind the Mouse: A Human vs AI Challenge Inside the Cage**

Mike Hill (Adelaide, Australia)

**Allentown Mind the Mouse: A Human vs AI Challenge Inside the Cage**

Noah Ditto (Bar Harbor, United States)

*Commercial Workshops*

13:15 - 14:15

Marinos

**Idexx - Embrace Your Inner Socrates With IDEXX Bioanalytics: Discover What You Do Not Know About Environmental Methods of Animal Health Monitoring**

Massimo Foa (Germany)

**Embrace Your Inner Socrates With IDEXX Bioanalytics: Discover What You Do Not Know About Environmental Methods of Animal Health Monitoring**

Sarah Hansen (Columbia, United States)

Marcia Hart (Columbia, United States)

*Commercial Workshops*

13:15 - 14:15

MC 2 Conference Room

**Scanbur - The Importance of Controlling Home Cage Relative Humidity for Animal Welfare and Study Reproducibility****Mastering Precise Humidity On-Demand: The Untold Story of Humidity Control in Science**

Silvia Morar (Denmark)

**Novel Studies Into the Effect of Controlling Home Cage Relative Humidity on Animal Welfare and Study Reproducibility**

Hannah Louise Zakariassen (Copenhagen, Denmark)

*B - Reducing Severity*

14:30 - 16:00

Skalkotas

**S3B2 - Collaborative European Effort on the 3Rs and Animal Welfare in Disease Modelling**

Sabine Hölter (Munich, Germany)

Vasileios Ntafis (Vari, Greece)

S3B2.1	<b>INFRAFRONTIER - The European Research Infrastructure for Modelling Human Diseases</b>	14:30 - 14:50
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Asrar Ali Khan (Munich, Germany)

S3B2.2	<b>Linking State-of-the-Art Cryopreservation to Animal Welfare</b>	14:50 - 15:10
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Auke Boersma (Vienna, Austria)

S3B2.3	<b>How can we apply Reduction and Refinement in Systemic Analysis of Mouse Phenotyping?</b>	15:10 - 15:30
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Tania Sorg-Guss (Illkirch, France)

S3B2.4	<b>Replacement of Mouse Models by Using Organoids and 3D-Bioprinting in Basic Gastrointestinal Research</b>	15:30 - 15:50
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Maik Dahlhoff (Vienna, Austria)

*C - Improving Care and Welfare*

14:30 - 16:00

Banquet

**S3C3 - Mastering the Art of Clinical Score Sheets**

Dolores Bonaparte (Amsterdam, Netherlands)

Maike Heimann (Zürich, Switzerland)

S3C3.1	<b>Introduction to Clinical Score Sheets</b>	14:30 - 14:35
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	Maike Heimann (Zürich, Switzerland)	
S3C3.2	<b>Clinical Score Sheets: Friend or Foe</b> Dolores Bonaparte (Amsterdam, Netherlands)	14:35 - 14:50
S3C3.3	<b>The Score Sheet - A Powerful Tool if Properly Designed</b> Maike Heimann (Zürich, Switzerland) Philippe Bugnon (Zürich, Switzerland)	14:50 - 15:25
S3C3.4	<b>CSS: Can We Wear Prêt-a-Porter and Still Look Good? Example from a Multicentre Institution</b> Dolores Bonaparte (Amsterdam, Netherlands)	15:25 - 15:40
	<b>Discussion</b>	15:40 - 16:00

*D - Fostering Culture of Care*

14:30 - 16:00

Trianti

**S3D2 - Transparency Agreements as Tools to Promote Ethical Awareness, Culture of Care, and Demonstrate Accountability to the Public**

Inês Serrenho (London, United Kingdom)

Kirk Leech (London, United Kingdom)

	<b>Introduction</b> Inês Serrenho (London, United Kingdom)	14:30 - 14:33
S3D2.1	<b>Pioneering Transparency in Animal Research: Promoting Openness, Ethical Accountability and a Culture of Care</b> Kirk Leech (London, United Kingdom)	14:33 - 14:45
S3D2.2	<b>Portugal's Path to Transparency: How Openness Enhances Ethical Standards and Promotes Culture of Care</b> Ana Isabel Santos (Lisboa, Portugal)	14:45 - 14:55
S3D2.3	<b>Balancing Ambition and Reality in 3R policy: Challenges and Opportunities in the Netherlands</b> Monique Havermans (Stockholm, Sweden)	14:55 - 15:05
S3D2.4	<b>How Sharing Balanced Information Builds Trust in Science: A UK Concordat on Openness Perspective</b> Hannah Hobson (London, United Kingdom)	15:05 - 15:15
	<b>Panel Discussion</b> Kirk Leech (London, United Kingdom)	15:15 - 15:45
	<b>Questions from the Audience</b>	15:45 - 15:55

*A - Demonstrating Ethical Awareness and Accountability*

14:30 - 16:00

Marinos

**W3A1 - Promoting Accurate Statistical Reports on the Creation and Breeding of Genetically Altered Animals, Including Surplus Animals in the European Union**

Belén Pintado (Madrid, Spain)

David Anderson (London, United Kingdom)

	<b>Introductory Talk with Quiz</b> Belén Pintado (Madrid, Spain)	14:30 - 14:50
	<b>Practical Cases Discussed in Subgroups</b> David Anderson (London, United Kingdom) Karim Mesbah (Paris   Montpellier, France) Belén Pintado (Madrid, Spain)	14:50 - 15:15
	<b>Practical Cases Presented and Discussed in Common</b> David Anderson (London, United Kingdom) Karim Mesbah (Paris   Montpellier, France)	15:15 - 16:00

Belén Pintado (Madrid, Spain)

*B - Reducing Severity*

14:30 - 16:00

MC 3 Conference Room

**W3B3 - Score Sheets in Aquatics: Let's Swerve Between Species and Models**

J-P Mocho (London, United Kingdom)

Claire Allen (Sheffield and Nottingham, United Kingdom)

W3B3.1 **Score Sheets for African Turquoise Killifish** 14:30 - 14:55  
Livia D'Angelo (Naples, Italy)

W3B3.2 **Population Assessment- Let's Score Ageing Zebrafish in Relation to their Strain** 14:55 - 15:20  
Bettina Kirchmaier (Frankfurt am Main, Germany)

W3B3.3 **Score Sheets in Aquatics: Let's Swerve Between Species and Models** 15:20 - 15:40  
J-P Mocho (London, United Kingdom)

**Group Activities** 15:40 - 16:00

*E - Aiming for a Better Future*

14:30 - 16:00

MC 2 Conference Room

**W3E1 - Running Better Experiments**

Derek John Fry (Manchester, United Kingdom)

Nuno Henrique Franco (Porto, Portugal)

W3E1.1 **Key Concepts in the Outputs from the FELASA Experimental Design Working Group** 14:30 - 14:40  
Derek John Fry (Manchester, United Kingdom)

W3E1.2 **How Early Years Researchers Responded to These** 14:40 - 14:50  
Nuno Henrique Franco (Porto, Portugal)  
Derek John Fry (Manchester, United Kingdom)

W3E1.3 **Double Trouble? Tackling Misgivings about Size of Experiments Including Both Sexes and/or Two Strains** 14:50 - 15:00  
Nuno Henrique Franco (Porto, Portugal)

**Group Activities in Parallel:** 15:00 - 15:40

**Matching Designs to Experimental Scenarios and Determining Experimental Units**

Derek John Fry (Manchester, United Kingdom)

**Sizing of Randomised Block and Simple Factorial Experiments**

Nuno Henrique Franco (Porto, Portugal)

**Demonstrating the Principles of Analysis for 2-Factor Designs**

Manuel Berdoy (Oxford, United Kingdom)

Monica Forni (Bologna, Italy)

**Plenary** 15:40 - 16:00

*Breaks & Networking*

16:00 - 16:45

Exhibition Area

**Coffee Break**

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 & -2)

**P3PM - ePoster Session**

## ePoster

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P3PM1 - It's About Fish and Future Changes - Station 1 (Trianti Balcony, floor +1)**

Suzanne Brandt (Bergen, Norway)

	<b>Introduction</b>	16:05 - 16:07
	Suzanne Brandt (Bergen, Norway)	
PB023	<b>Transgenic and Archiving Module: Implementation and Enforcement of the 3Rs Principle</b>	16:07 - 16:10
	Lucie Dufkova (Prague, Czech Republic)	
PB049	<b>Humane Endpoints in Regulatory Toxicology in Fishes</b>	16:10 - 16:13
	Chloe Stevens (Horsham, United Kingdom)	
PC020	<b>Using Filters in the Sump for Monitoring Health of Laboratory Zebrafish</b>	16:13 - 16:16
	Amanda Darbyshire (West Lafayette, United States)	
PC033	<b>Experimental Zebrafish Husbandry of Safety Level 2 at the Maxplanck Institute for Infection Biology</b>	16:16 - 16:19
	Antje Dreyer (Berlin, Germany)	
PC037	<b>It's All about Big Data - How Digital Mouse Caging Advances the 3Rs</b>	16:19 - 16:22
	Sara Fuochi (Apt, France)	
PC060	<b>Optimized Breeding Strategies for <i>Nothobranchius furzeri</i>: Enhancing Welfare and Reproducibility</b>	16:22 - 16:25
	Beate Hoppe (Jena, Germany)	
PC140	<b>Zebrafish Environmental Enrichment: A Behavioural Assessment</b>	16:25 - 16:28
	Joe Warmsley (London, United Kingdom)	

## ePoster

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P3PM2 - It's All About Anesthesia and Pain Management - Station 2 (Trianti Balcony, floor +1)**

Maria Kamper (Manchester, United Kingdom)

	<b>Introduction</b>	16:05 - 16:07
	Maria Kamper (Manchester, United Kingdom)	
PA021	<b>Effects of Sex Differences in General Anesthesia</b>	16:07 - 16:10
	Tryfon Chatzimanou (Thessaloniki)	
PB031	<b>Analgesic refinement of a murine orthotopic xenograft model for acute lymphoblastic leukemia</b>	16:10 - 16:13
	Simone Kumstel (Rostock, Germany)	
PB045	<b>Pain Relief and Recovery: Comparison of Oral Analgesics for Telemeter Implantation in Mice</b>	16:13 - 16:16
	Tim Schreiber (Rostock, Germany)	
PC002	<b>Refined Post-anesthetic Recovery of Göttingen Minipigs</b>	16:16 - 16:19
	Carina Anker (Dalmose, Denmark)	
PC069	<b>Local Anesthetic Techniques for Thoracic Surgery in Pigs</b>	16:19 - 16:22
	Carlotta Lambertini (Bologna, Italy)	
PC075	<b>Vatinoxan Increases Medetomidine, Midazolam, and Fentanyl Concentrations in Rat Central Nervous Tissue</b>	16:22 - 16:25
	Emily Lindh (Helsinki, Finland)	
PC079	<b>Adjustment of Anesthesia Protocol in Experiments with Pigs Anesthetized for More than 10 Hours</b>	16:25 - 16:28

	Vanessa Louzier (Marcy l'Etoile, France)	
PC111	<b>Serum Buprenorphine in Mice after Dietary Dosing</b> Henrik Rasmussen (Oslo, Norway)	16:28 - 16:31
PC136	<b>Effects of Repeated Anesthesia of Laboratory Mice with Isoflurane, Nitrous Oxide and Sevoflurane</b> Philipp Villiger (Zürich, Switzerland)	16:31 - 16:34
<i>ePoster</i>		
16:05 - 16:40		ePoster areas (Level +1 & -2)
<b>P3PM3 - It's About the Animal Model - Station 3 (Banquet Level, floor -2)</b>		
Karen Mulkijanyan (Tbilisi, Georgia)		
	<b>Introduction</b>	16:05 - 16:07
	Karen Mulkijanyan (Tbilisi, Georgia)	
PC092	<b>Ceratonia siliqua in the Rat Osteoporosis Animal Model: Implementing a Culture of Care</b> Anna- Aikaterini Neri (Athens, Greece)	16:07 - 16:10
PB010	<b>Comparison of Double Chamber and Whole-body Plethysmography in Guinea Pig Cough Assessment</b> Tomas Buday (Martin, Slovakia)	16:10 - 16:13
PB048	<b>Refinement of a Porcine Model of Abdominal Aortic Aneurysm</b> Marta Stei (Bonn, Germany)	16:13 - 16:16
PB051	<b>Multimodal Research Approach in Noninvasive Perinatal Hypoxia in Rats</b> Sara Trnski Levak (Zagreb, Croatia)	16:16 - 16:19
PC099	<b>Effects of Diabetes Mellitus on Mandibular Growth in Rats with Different Masticatory Force Loading</b> Nearchos Panayi (Nicosia, Cyprus)	16:19 - 16:22
PC123	<b>Drugs Used for Sedation Influences Mosquito Feeding and Viability in Malaria Transmission</b> Marieke Stammes (Rijswijk, Netherlands)	16:22 - 16:25
PE067	<b>Patient-derived Xenograft and Organoids Models for Study of Anticancer Drugs Efficacy</b> Radka Vaclavikova (Prague, Czech Republic)	16:25 - 16:28
PE070	<b>Evaluating Animal Models to Unravel the Complexities of Post-acute Sequelae of COVID-19</b> J. van der Bie (Rijswijk, Netherlands)	16:28 - 16:31
PE074	<b>GLP Toxicity Assessment of Novel Intranasal Adenovirus-based COVID-19 Vaccination, COV2, in Rat</b> Mikko Voipio (Turku, Finland)	16:31 - 16:34
<i>ePoster</i>		
16:05 - 16:40		ePoster areas (Level +1 & -2)
<b>P3PM4 - It's About Improving Welfare - Station 4 (Banquet Level, floor -2)</b>		
Petra Seebeck (Zurich, Switzerland)		
	<b>Introduction</b>	16:05 - 16:07
	Petra Seebeck (Zurich, Switzerland)	
PB003	<b>Evaluation of a Prolonged Adaptation Period on Mouse Grimace Scale Baselines</b> André Bleich (Hannover, Germany)	16:07 - 16:10

PB041	<b>A Comprehensive Welfare Scoring System for Graft Versus Host Disease in Humanised Mouse Models</b> Alice Nowak (Cambridge, United Kingdom)	16:10 - 16:13
PC005	<b>Descriptive Study of Clinical Signs in Laboratory Mice in an Experimental and Breeding Facility</b> Sergio Berdun (Barcelona, Spain)	16:13 - 16:16
PC113	<b>Advancing Canine Welfare Monitoring: Integrating Machine Learning for Personalised Behavioural Analysis</b> Henning Richter (Zurich, Switzerland)	16:16 - 16:19
PC144	<b>Habituating Mice to Metabolic Cages Prior to Experimentation to Reduce Acute Stress</b> Lena William-Olsson (Gothenburg, Sweden)	16:19 - 16:22
PD030	<b>Promoting Humane Research Practices: Transitioning to Non-Aversive Handling Methods for Improved Animal Welfare</b> Sergi Sunyé (Badalona, Spain)	16:22 - 16:25
PE029	<b>Rehoming Laboratory Beagles from Pharmaceutical Company - Part of Organizational Responsibility in CoC</b> Noora Holk (Turku, Finland)	16:25 - 16:28
PE062	<b>Establishment of a Severely Immunodeficient NOG Mouse Strain Exhibiting a Short-limbed Phenotype</b> Riichi Takahashi (Kawasaki, Japan)	16:28 - 16:31
PC093	<b>Refining the Ovariectomized Rat Model for Postmenopausal Research: Enhancing Animal Welfare and Research Outcomes</b> Anna- Aikaterini Neri (Athens, Greece)	16:31 - 16:34
<i>ePoster</i> 16:05 - 16:40		ePoster areas (Level +1 & -2)
<b>P3PM5 - It's All About Refinement - Station 5 (Banquet Level, floor -2)</b> Michail Pavlidis (Heraklion, Greece)		
	<b>Introduction</b> Michail Pavlidis (Heraklion, Greece)	16:05 - 16:07
PA001	<b>Improving Your Study Outcome by Using the Resource Blood in Mouse Experiments</b> Elise Arlt (Halle (Saale), Germany)	16:07 - 16:10
PB005	<b>Refining Blood Sampling in Rodents - Reflections From a FELASA Working Group</b> Dolores Bonaparte (Amsterdam, Netherlands)	16:10 - 16:13
PB006	<b>Refined Tamoxifen Administration in Mice Via Encouraged Voluntary Consumption</b> Thorsten Buch (Schlieren, Switzerland)	16:13 - 16:16
PB026	<b>Refinement of chimerism evaluation of humanized mice through digital PCR low blood volume analysis</b> Sarah Hansen (Columbia, United States)	16:16 - 16:19
PB047	<b>A Refined Method for Fecal Matter Transplantation</b> Dorte B. Sørensen (Frederiksberg C, Denmark)	16:19 - 16:22
PB055	<b>Mouse Model of Mild/Moderate DNCB-induced Atopic Dermatitis as a Tool for Preclinical Drug Testing</b> Maria Wallert (Jena, Germany)	16:22 - 16:25
PC008	<b>Comparative Analysis of Sperm Parameters between Different Mouse Strains</b>	16:25 - 16:28

	Konstantinos Bozonelos (Thessaloniki, Greece)	
PC142	<b>Refinement by Gentle Handling of Mice Affects Oral-dosing Pharmacokinetic End Points and Reduces Stress</b> Elin M Weber (Uppsala, Sweden)	16:28 - 16:31
PE063	<b>Automated Home-cage Monitoring: Bridging Refinement and Sustainability in Animal Research</b> Catriene Thuring (Groningen, Netherlands)	16:31 - 16:34
<i>A - Demonstrating Ethical Awareness and Accountability</i>		
	16:45 - 18:00	Trianti
<b>S3A2 - Harm-Benefit Analysis: A Tool for the Assessment of Benefit</b>		
	Patricia Turner (Guelph, Canada) Javier Guillén (Pamplona, Spain)	
	<b>Introduction</b> Patricia Turner (Guelph, Canada)	16:45 - 16:50
S3A2.1	<b>Background</b> Javier Guillén (Pamplona, Spain)	16:50 - 17:00
S3A2.2	<b>Assessment of Benefit from Ethics Committee's Perspective</b> Marion Berard (Paris, France)	17:00 - 17:15
S3A2.3	<b>Assessment of Benefit from Scientist's Perspective</b> Pavlina Pavlidi (Athens, Greece)	17:15 - 17:30
S3A2.4	<b>Proposed Benefit Assessment Matrix</b> Penelope S Reynolds (Gainesville, FL, United States)	17:30 - 17:45
	<b>Discussion</b>	17:45 - 18:00
<i>C - Improving Care and Welfare</i>		
	16:45 - 18:00	MC 3 Conference Room
<b>S3C4 - Innovations in Anesthesia, Surgery and Humane Endpoints</b>		
	Ismene Dontas (Athens, Greece) Rene Tolba (Aachen, Germany)	
	<b>Introduction</b> Ismene Dontas (Athens, Greece)	16:45 - 16:46
S3C4.1	<b>Systematic Review of Guidelines for Good Surgical Practice in Experimental Rodent Surgery</b> Tim Buchholz (Leipzig, Germany)	16:46 - 16:58
S3C4.2	<b>The OBSERVE Guidelines: Oncology Best-practices: Signs, Endpoints and Refinements for in Vivo experiments</b> Stéphanie De Vleeschauwer (Leuven, Belgium)	16:58 - 17:10
S3C4.3	<b>Repetitive Isoflurane Anaesthesia Alters the Behaviour and Brain Cellular and Vascular Integrity in Mice</b> Jordi L.Tremoleda (London, United Kingdom)	17:10 - 17:22
S3C4.4	<b>Evaluating CO<sub>2</sub>, CO, and N<sub>2</sub> to Refine Euthanasia Practice and Welfare in Laboratory Rodents</b> Carlos Filipe Moreira (Zürich, Switzerland)	17:22 - 17:34
S3C4.5	<b>Development of a Neonatal Piglet Model for Brain Injury Assessment in Cardiac Surgery</b> Jordi Grífols (Badalona, BARCELONA, Spain)	17:34 - 17:46
	<b>Wrap-up</b>	17:46 - 17:47

*E - Aiming for a Better Future*

16:45 - 18:00

Banquet

**S3E4 - Managing Animal Studies Under Changing Conditions**

Jan Honetschläger (Prague, Czech Republic)

Otto Kalliokoski (Copenhagen, Denmark)

S3E4.1	<b>Working Together to Reduce the Environmental Impact of Laboratory Animal Science</b> J-P Mocho (London, United Kingdom)	16:45 - 17:00
S3E4.2	<b>The Importance of the Microbiome and Genetic Variables in Research Reproducibility</b> Samira Lawton (Memphis, TN, United States)	17:00 - 17:15
S3E4.3	<b>Managing an Animal Facility During Conflict: Lessons from the Technion, 2024</b> Dvir Mintz (Haifa, Israel)	17:15 - 17:30
S3E4.4	<b>Neuroinflammation Persists for at Least One Year After a SARS-CoV-2 Infection in Macaques</b> Marieke Stammes (Rijswijk, Netherlands)	17:30 - 17:45
S3E4.5	<b>Unite and Conquer: Strategic Roadmap for Integrating and Advancing Two Rodent Facilities</b> Iolanda Moreira (Lisboa, Portugal)	17:45 - 18:00

*F - SkillUp Tech Session*

16:45 - 18:00

Skalkotas

**S3F2 - Competence Assessor Training to Ensure Competency Training and Assessment by Trained Supervisors and Evaluators**

Katrín Schutte (Brussels, Belgium)

Nuno Henrique Franco (Porto, Portugal)

S3F2.1	<b>Why Learning Outcomes for Competence Assessors</b> Katrín Schutte (Brussels, Belgium)	16:45 - 17:00
S3F2.2	<b>Education, Training, and Competence in Laboratory Animal Science</b> Rafael Frias (Solna, Sweden)	17:00 - 17:15
S3F2.3	<b>Learning Outcomes for a Competence Assessor</b> Ivo Tiebosch (Utrecht, Netherlands)	17:15 - 17:30
S3F2.4	<b>Training Competence Assessors</b> Felicia van der Flier (Utrecht, Netherlands)	17:30 - 17:45
	<b>Discussion</b>	17:45 - 18:00

*D - Fostering Culture of Care*

16:45 - 18:00

Marinos

**W2D2 (repeated) - How to Nurture Genuine Error Cultures for the Benefit of Lab Animals**

Sally Robinson (Manchester, United Kingdom)

Florian Alexander Dehmelt (Tuebingen, Germany)

	<b>Introduction</b> Florian Alexander Dehmelt (Tuebingen, Germany)	16:45 - 16:50
W2D2.1	<b>The Elephant in the Room - Mistakes that Were, Are, and Will Be Made</b> Caroline Johner (Freiburg, Germany)	16:50 - 16:55
W2D2.2	<b>Redefining Animal Welfare - The Impact of Critical Incident Reflection</b> Sabine Juliane Bischoff (Duesseldorf, Germany)	16:55 - 17:00

W2D2.3	<b>Scientific Benefits of Better Error Management</b> Natascha Drude (Berlin, Germany)	17:00 - 17:05
W2D2.4	<b>Creating a Culture of Care and Learning through Open Reporting of Events</b> Sally Robinson (Manchester, United Kingdom)	17:05 - 17:10
W2D2.5	<b>Mistaken Assumptions - How Public Science Communication Shapes Error Cultures in the Lab</b> Florian Alexander Dehmelt (Tuebingen, Germany)	17:10 - 17:15
	<b>Discussion of Issues Among Participants</b>	17:15 - 17:35
	<b>Debate</b>	17:35 - 18:00

*D - Fostering Culture of Care*

16:45 - 18:00

MC 2 Conference Room

**W3D1 - Focus on Surgical Training: Tools for Those Involved in Training and Assessing Surgical Procedures in Laboratory Animals**

Sara Wells (Harwell, United Kingdom)

Agustina Resasco (London, United Kingdom)

<b>General Guidance for Training a Successful Laboratory Animal Surgeon</b>	16:45 - 17:00
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Agustina Resasco (London, United Kingdom)

<b>Design of a Surgical DOPS</b>	17:00 - 17:25
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Agustina Resasco (London, United Kingdom)

Helen Bailey (London, United Kingdom)

Clare Brazill-Adams (London, United Kingdom)

Hannah Easter (London, United Kingdom)

Arturo Fernandez (London, United Kingdom)

<b>Case Studies and Troubleshooting: Group Discussion Solving Real Case Scenarios</b>	17:25 - 17:45
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Agustina Resasco (London, United Kingdom)

Helen Bailey (London, United Kingdom)

Clare Brazill-Adams (London, United Kingdom)

Hannah Easter (London, United Kingdom)

Arturo Fernandez (London, United Kingdom)

<b>Developing Educational Resources to Assist Trainees</b>	17:45 - 18:00
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Helen Bailey (London, United Kingdom)

Wednesday, June 4, 2025

*A - Demonstrating Ethical Awareness and Accountability*

08:00 - 09:30

MC 3 Conference Room

**S4A1 - Lights and Shadows of Twelve Years of Genetically Altered Animals Under the Scope of Directive 2010/63**

Belén Pintado (Madrid, Spain)

Karim Mesbah (Paris | Montpellier, France)

	<b>Introduction</b>	08:00 - 08:03
	Belén Pintado (Madrid, Spain)	
S4A1.1	<b>Implementing Directive 2010/63 on Genetically Altered Animals in France: Lessons from Experience</b>	08:03 - 08:28
	Karim Mesbah (Paris   Montpellier, France)	
S4A1.2	<b>Reporting on the Creation, Breeding and Use of Genetically Altered Animals under Directive 2010/63/EU</b>	08:28 - 08:53
	David Anderson (London, United Kingdom)	
S4A1.3	<b>To Be or Not To Be...Harmful: The Dilemma within Welfare Assessment of GM Mice</b>	08:53 - 09:18
	Sara Fuochi (Apt, France)	
S4A1.4	<b>Different Humanised Mouse Models for Different Applications: Pros, Cons and Severity</b>	09:18 - 09:28
	Jonathan Papworth (Cambridge, United Kingdom)	

*C - Improving Care and Welfare*

08:00 - 09:30

Trianti

**S4C1 - Ethical and Practical Innovations in Animal Care and Welfare**

Thorsten Buch (Schlieren, Switzerland)

Cristin Coman (Bucharest, Romania)

	<b>Introduction</b>	08:00 - 08:02
	Thorsten Buch (Schlieren, Switzerland)	
S4C1.1	<b>Achieving Results through Effective Change Management in Animal Care Practices</b>	08:02 - 08:17
	Judy Murray (Wilmington, United States)	
S4C1.2	<b>Harmonising the Role of Designated Veterinarians in EU: Recommendations from a Joint FELASA-ECLAM-ESLAV WG</b>	08:17 - 08:32
	Miriam van der Meulen (Groningen, Netherlands)	
S4C1.3	<b>The Norecopa Website - A Guided Tour of Global 3R Resources</b>	08:32 - 08:47
	Adrian Smith (Ås, Norway)	
S4C1.4	<b>Enhancing Breeding Does Welfare in Research Facilities Through Innovative Housing</b>	08:47 - 09:02
	Timokleia Kousi (Bern, Switzerland)	
S4C1.5	<b>Aging a Colony of Mice—Implications for Welfare Monitoring and Experimentation</b>	09:02 - 09:17
	Joanna Moore (Glasgow, United Kingdom)	
S4C1.6	<b>Stochastic Planning of Cohort- and Colony-Based Breedings</b>	09:17 - 09:30
	Thorsten Buch (Schlieren, Switzerland)	

*E - Aiming for a Better Future*

08:00 - 09:30

Banquet

**S4E1 - AI-Driven Advanced Animal Monitoring and Birth Detection: Enhancing Animal Welfare and Research Precision**

Livia D'Angelo (Naples, Italy)

Marcello Raspa (Montorotondo, Italy)

	<b>Introduction</b>	08:00 - 08:05
	Livia D'Angelo (Naples, Italy) Marcello Raspa (Montorotondo, Italy)	
S4E1.1	<b>Implementation of AI Based Monitoring in Rodent Preclinical Studies</b>	08:05 - 08:25
	Pierre Laine (Montpellier, France)	
S4E1.2	<b>An Innovative Acoustic Approach Put to the Test</b>	08:25 - 08:45
	Jan-Bas Prins (Leiden, Netherlands)	
S4E1.3	<b>Personalised Gene Therapy Combined with Home-Cage Monitoring in Mice</b>	08:45 - 09:05
	Valter Tucci (Genova, Italy)	
S4E1.4	<b>AI to the Rescue: How AI Tools Can Help NACWOs, NTCOs, and NIOs Roles</b>	09:05 - 09:25
	Filipe Nunes (Gothenburg, Sweden)	
	<b>Conclusive Remarks</b>	09:25 - 09:30

*F - SkillUp Tech Session*

08:00 - 09:30

Skalkotas

**S4F1 - HSBLAS Session: How to Train Your Mouse and Rat?**

Vasileios Ntafis (Vari, Greece)

Argyro Zacharioudaki (Athens, Greece)

S4F1.1	<b>Introduction: Training Rodents - Principles and Challenges</b>	08:00 - 08:20
	Dorte B. Sørensen (Frederiksberg C, Denmark)	
S4F1.2	<b>A Mouse Case: Micropipette-guided Drug Administration as Alternative to Oral Gavage</b>	08:20 - 08:40
	Paulin Jirkof (Zurich, Switzerland)	
S4F1.3	<b>A Rat Case: Voluntary Cage Change</b>	08:40 - 09:00
	Nadine Baumgart (Mainz, Germany)	
	<b>Discussion: Feasibility and Limitations of Training Laboratory Mice and Rats</b>	09:00 - 09:20

*B - Reducing Severity*

08:00 - 09:30

Marinos

**W4B1 - Focus on Severe Suffering 1 - Identifying Sub-Lethal Clinical Signs in Fishes**

Penny Hawkins (Horsham, United Kingdom)

Barney Reed (Horsham, United Kingdom)

W4B1.1	<b>An Alternative Approach to Minimising Harms</b>	08:00 - 08:20
	Chris Ramsden (Manningtree, United Kingdom)	
W4B1.2	<b>Approaches to Refining the Fish Acute Toxicity Test</b>	08:20 - 08:40
	Ioanna Katsiadaki (Weymouth, United Kingdom)	
W4B1.3	<b>Reducing Severe Suffering in Regulatory Toxicology Testing Using Fishes</b>	08:40 - 09:00
	Chloe Stevens (Horsham, United Kingdom)	
W4B1.4	<b>Structured Discussion Session, Including Actions for Those With</b>	09:00 - 09:30

### **Different Roles to Help Further Refine Humane Endpoints and Their Implementation**

Penny Hawkins (Horsham, United Kingdom)  
Barney Reed (Horsham, United Kingdom)

#### *D - Fostering Culture of Care*

08:00 - 09:30

MC 2 Conference Room

#### **W4D1 - Supporting Trainees in Practical Training with Animals: How to Manage Individual Difficulties?**

Andreia Costa (Porto, Portugal)  
Anna Olsson (Porto, Portugal)

##### **Introduction to the Topic and Workshop Approach**

08:00 - 08:10

Andreia Costa (Porto, Portugal)  
Anna Olsson (Porto, Portugal)  
Júlio Borlido Santos (Porto, Portugal)

##### **Group Activities: Troubleshooting and Solving Case Scenarios - Distribution of Materials and Tasks - Facilitated Discussion About Hypothetical Trainee Profiles - Mapping Group Outputs**

08:10 - 09:10

Andreia Costa (Porto, Portugal)  
Anna Olsson (Porto, Portugal)  
Júlio Borlido Santos (Porto, Portugal)

##### **Collective Discussion of Group Work**

09:10 - 09:30

#### *Breaks & Networking*

09:30 - 10:15

Exhibition Area

#### **Coffee Break**

#### *ePoster*

09:35 - 10:10

ePoster areas (Level +1 & -2)

#### **P4AM - ePoster Session**

#### *ePoster*

09:35 - 10:10

ePoster areas (Level +1 & -2)

#### **P4AM1 - It's About Procedures and Good Practices - Station 1 (Trianti Balcony, floor +1)**

Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)

##### **Introduction**

09:35 - 09:38

Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)

PA024

##### **Using Species Selection to Reduce the Severity in Animal Research-A Qualitative Interview Study**

09:38 - 09:41

Marita Meurer (Hanover, Germany)

PA032

##### **Education and Regulation in Animal Research: Ethics, Skills, and Responsible Practice**

09:41 - 09:44

Sam Van der Tuin (Leiden, Netherlands)

PB034

##### **Capillary Micro Sampling in Mice and Rats**

09:44 - 09:47

Ida Lorenzen (Lille Skensved, Denmark)

PB050

##### **Unveiling the Differences: How Oral Administration Methods Shape Pharmacokinetic Outcomes**

09:47 - 09:50

Ryan Tisdale (Basel, Switzerland)

PB052

##### **Quality Checklist for an Entrusted Performance Assessment**

09:50 - 09:53

Felicia van der Flier (Utrecht, Netherlands)

PC022

##### **Evaluation of Retroorbital (Retrolbulbar) Blood Sampling in Rodents**

09:53 - 09:56

	Ádám Deák (Debrecen, Hungary)	
PC054	<b>Use of Vascular Access Buttons for Drug Administration and Blood Sampling in the Rabbit</b> Ed Hale (Leicester, United Kingdom)	09:56 - 09:59
PC071	<b>Ways to Extend Catheter Patency Duration and Improve Animal Welfare in Rodents</b> Paul Loughnane (Plymouth Meeting, United States)	09:59 - 10:02
PC088	<b>Improving Animal Welfare and Research Outcomes: Refining Orogastric and Intravenous Administration in Rats</b> Ilaria Menghetti (Bologna, Italy)	10:02 - 10:05
<i>ePoster</i>		
09:35 - 10:10		ePoster areas (Level +1 & -2)
<b>P4AM2 - It's All About Communication - Station 2 (Trianti Balcony, floor +1)</b>		
Sally Robinson (Manchester, United Kingdom)		
	<b>Introduction</b> Sally Robinson (Manchester, United Kingdom)	09:35 - 09:37
PA023	<b>Promoting Global Ethical Standards and Cultural Competency in Animal Research</b> Jenny Parks (Southampton, United Kingdom)	09:37 - 09:40
PD003	<b>Leadership Strategies for Cultivating a Culture of Care in a Laboratory Animal Facility.</b> Martin Carlsen (Ganløse, Denmark)	09:40 - 09:43
PD015	<b>„ZPF-Voices“: Let ALL People Speak!</b> Merle Kempfert (Im Neuenheimer Feld 280, 69120 Heidelberg, Germany)	09:43 - 09:46
PD013	<b>Integrating Animal Care Staff and Laboratory Technicians in Research: Researchers' Perspectives</b> Rohish Kaura (Tartu, Estonia)	09:46 - 09:49
PD014	<b>Do We Really Communicate? Improving Communication among Stakeholders in Animal Research</b> Rohish Kaura (Tartu, Estonia)	09:49 - 09:52
PD025	<b>Inform - Connect - Innovate The Way of the Austrian 3R Center</b> Birgit Reininger-Gutmann (Graz, Austria)	09:52 - 09:55
PD028	<b>Symphony of Compassion: Ethical Treatment of Animals in Scientific Inquiry</b> Elizabeth Nunamaker (United States, United States)	09:55 - 09:58
PD034	<b>From Adversaries to Allies: Building Stronger Bridges Between Researchers and Veterinarians in Animal Research</b> Nina Trimmel (Linz, Austria)	09:58 - 10:01
PE017	<b>Opening the Doors: USARO's Vision for Strengthening Connections in Animal Research</b> Paula Clifford (Washington DC, United States)	10:01 - 10:04
PD016	<b>In Vivo Openness for Everyone, by Everyone</b> Angelica Petersson (Gothenburg, Sweden)	10:04 - 10:07

*ePoster*

09:35 - 10:10

ePoster areas (Level +1 &amp; -2)

**P4AM3 - It's All About GMO - Station 3 (Banquet Level, floor -2)**

Aurora Brønstad (Norway)

	<b>Introduction</b>	09:35 - 09:37
	Aurora Brønstad (Norway)	
PB014	<b>Biosecurity and ART in Mouse: Literature Review and Ten Years Retrospective Activity Analysis</b>	09:37 - 09:40
	Jean Cozzi (Lyon, France)	
PB015	<b>Controlling Genetic Integrity in Mouse Research Models: The GenoCheck Service</b>	09:40 - 09:43
	Jean Cozzi (Lyon, France)	
PB016	<b>Breaking the Year Barrier Ethically: Accelerated Backcrossing in Mice Using IVF and SNP Techniques</b>	09:43 - 09:46
	Jean Cozzi (Lyon, France)	
PC108	<b>Non-Invasive Method for Mouse Genotyping: Combining Ethics and Collaboration Animal Facility / Research Teams</b>	09:46 - 09:49
	Séverine Platel (Marseille, France)	
PC119	<b>Determination of Murine Colony Weaning Rate by Using Laboratory Animal Breeding Software Mosaic Vivarium</b>	09:49 - 09:52
	Doris Schneller (Heidelberg, Germany)	
PC147	<b>Genetic Quality Control: Essential Tools for Research Reproducibility</b>	09:52 - 09:55
	Atsushi Yoshiki (Tsukuba, Japan)	
PE006	<b>Utilizing Hematopoietic Stem Cells for Controlled FXN Expression as Gene Therapy for Friedreich's Ataxia</b>	09:55 - 09:58
	Christina Beta (Thessaloniki, Greece)	
PE025	<b>Development of Motorized and Automated Micromanipulation Systems for Reproductive Engineering</b>	09:58 - 10:01
	Tomoo Eto (Kawasaki, Japan)	
PE027	<b>Reproductive Sciences: Supporting the Animal Experimentation of Tomorrow</b>	10:01 - 10:04
	Grégory Chevillard (Le Genest-Saint-Isle, France)	
<i>ePoster</i>		
09:35 - 10:10		ePoster areas (Level +1 & -2)
<b>P4AM4 - It's All About Pain Management - Station 4 (Banquet Level, floor -2)</b>		
Petra Seebeck (Zurich, Switzerland)		
	<b>Introduction</b>	09:35 - 09:38
	Petra Seebeck (Zurich, Switzerland)	
PA022	<b>Long-acting Analgesia (Rodents) - Bench to Bedside</b>	09:38 - 09:41
	Cholawat Pacharinsak (Stanford, United States)	
PB020	<b>Feedback on the Use of Monoclonal Antibodies in Dog and Cat Pain Management</b>	09:41 - 09:44
	Jean-Claude Desfontis (Nantes, France)	
PB032	<b>Comparison of Analgesics in the Murine Bile Duct Ligation Model</b>	09:44 - 09:47
	Emily Leitner (Rostock, Germany)	
PB053	<b>Benefit of Doubt: Test Analgesia to Refute or Confirm Counteractivity with an Experimental Model</b>	09:47 - 09:50
	Leonie van Rijt (Amsterdam, Netherlands)	
PC011	<b>Optimizing Pain Management Protocols: A Survey on Sustained-Release Buprenorphine in Laboratory Rodents</b>	09:50 - 09:53
	Petra Buhr (Copenhagen, Denmark)	

PC095	<b>Patch Perfect: Using Fentanyl Transdermal Patches for Pain Management in Göttingen Minipigs After Thoracotomy</b> Filipe Nunes (Gothenburg, Sweden)	09:53 - 09:56
PC130	<b>Assessing Lidocaine-based Analgesia for Mouse Ear Notching: Insights into Strain-Specific Reactions</b> Anni Tenhunen (Helsinki, Finland)	09:56 - 09:59
PC131	<b>Buprenorphine to Alleviate Pain in Pigs Undergoing Experimental Surgery - A Systematic Scoping Review</b> Anders Fick Thomsen (Aarhus, Denmark)	09:59 - 10:02
PC148	<b>Oral Self-administration of Piritramide in C57BL/6JRj Mice Following Laparotomy: Cage-side Pain Assessment Evaluation</b> Lena Zachhuber (Vienna, Austria)	10:02 - 10:05
<i>ePoster</i>		
09:35 - 10:10		ePoster areas (Level +1 & -2)
<b>P4AM5 - It's All About Replacement - Station 5 (Banquet Level, floor -2)</b>		
Katerina Marinou (Athens, Greece)		
	<b>Introduction</b> Katerina Marinou (Athens, Greece)	09:35 - 09:37
PB009	<b>Validation of a Metagenome-Based Environmental Health Monitoring Strategy to Increase Animal Research Validity</b> Amirmasoud Salemi (Hannover, Germany)	09:37 - 09:40
PB036	<b>Environmental Health Monitoring in Mouse Facilities: Survey on the Status Quo in German-speaking Countries</b> Manuel Miller (Neuherberg, Germany)	09:40 - 09:43
PB043	<b>Ex Vivo Cavity Defect Model as Replacement of Short-term In Vivo Models</b> Steven E M Poos (Nijmegen, Netherlands)	09:43 - 09:46
PC106	<b>Health Screening - Going Animal Free</b> Anja Petrie (Aberdeen, United Kingdom)	09:46 - 09:49
PC146	<b>Eradicating Sentinel Dependency: Animal Free Enhanced Detection in Rodent Health Monitoring</b> Lorna Wood (York, United Kingdom)	09:49 - 09:52
PE043	<b>Replacement Models Using Intestinal Organoids to Study Tuft Cell Differentiation and Activation</b> Anna Martínez-Daunis (Barcelona, Spain)	09:52 - 09:55
PE060	<b>Systematic Online Living Evidence Summary (SOLES) For the Pre-clinical Testing of Targeted Cancer Therapies</b> Julia Steitz (Aachen, Germany)	09:55 - 09:58
PE071	<b>Integrating Education to Advance FCS-free Cell Culturing; a Collaborative Approach in Laboratory Animal-Free Research</b> Melissa J.J. van Velthoven (Utrecht, Netherlands)	09:58 - 10:01
PE072	<b>Influencing the Discussion on Moving Away from Animal Testing; the Role of Policy Makers</b> Leane van Weereld (The Hague, Netherlands)	10:01 - 10:04

*A - Demonstrating Ethical Awareness and Accountability*

10:15 - 11:30

Trianti

**S4A2 - Transparency - A Tool to Assess, Analyse and Take Action!**

Milena Mennecozi (Ispra, Italy)

Susanna Louhimies (Brussels, Belgium)

- |        |  |               |
|--------|--|---------------|
| S4A2.1 | <b>The EU Transparency Framework and its ALURES Databases</b><br>Susanna Louhimies (Brussels, Belgium)   | 10:15 - 10:40 |
| S4A2.2 | <b>Use of ALURES Non-technical Summaries for improving the REPLACEMENT in Cardiovascular Disease Research</b><br>Annalisa Gastaldello (Ispra, Italy) | 10:40 - 11:05 |
| S4A2.3 | <b>Using the ALURES Database for Developing Indicators to Monitor the Impact of EU Legislation</b><br>Alessandro Carletti (Ispra, Italy)             | 11:05 - 11:30 |

*A - Demonstrating Ethical Awareness and Accountability*

10:15 - 11:30

Banquet

**S4A3 - Multiple Factors Influencing Experimental Design**

Cristin Coman (Bucharest, Romania)

Amir Rosner (Ness ziona, Israel)

- |        |  |               |
|--------|--|---------------|
| S4A3.1 | <b>Microbial Contamination of Biological Materials: A Risk for Animal Research and the Reproducibility Crisis</b><br>Marcus Crim (Columbia, MO, United States) | 10:15 - 10:30 |
| S4A3.2 | <b>AniMotion: "Role-play as Tool for Selecting the Most Suitable Animal Model in Animal Experimentation"</b><br>Marita Meurer (Hanover, Germany)               | 10:30 - 10:45 |
| S4A3.3 | <b>Contributions of Sex Bias to Animal Welfare: It's Everyone's Animal Welfare Problem</b><br>Elizabeth Nunamaker (United States, United States)               | 10:45 - 11:00 |
| S4A3.4 | <b>Improving Laboratory Animal Genetic Reporting: New Guidelines</b><br>Lydia Teboul (Harwell, United Kingdom)   | 11:00 - 11:15 |
| S4A3.5 | <b>Refinement of Metabolic Cage Design to Enhance Animal Welfare</b><br>Yalei Zang (Berlin, Germany)   | 11:15 - 11:30 |

*E - Aiming for a Better Future*

10:15 - 11:30

MC 3 Conference Room

**S4E2 - Better Future with Better Models**

Chryssa Bekiari (Thessaloniki, Greece)

Ismene Dontas (Athens, Greece)

- |        |   |               |
|--------|---|---------------|
| S4E2.1 | <b>Pyrogenicity Paradigm Shift: Moving from Rabbits to Human-relevant Research</b><br>Justine Watkins (Utrecht, Netherlands)                              | 10:15 - 10:26 |
| S4E2.2 | <b>Mouse Suffering for Vanity: Tracing Replacement of the LD50 Bioassay for Botulinum Neurotoxin (Botox)</b><br>Justine Watkins (Utrecht, Netherlands)    | 10:26 - 10:37 |
| S4E2.3 | <b>Unavoidable Breeding Surpluses: Is Killing and Feeding of Surplus Laboratory Animals a Criminal Offence?</b><br>Bettina Kränzlin (Mannheim, Germany)   | 10:37 - 10:48 |
| S4E2.4 | <b>Performance Evaluation Program for Diagnostic Laboratories: Key Instrument for Safe Global Exchange of Rodents</b><br>Patri Vergara (Barcelona, Spain) | 10:48 - 10:59 |
| S4E2.5 | <b>No More Canaries in Coal Mines: A Systematic Review of</b>   | 10:59 - 11:10 |

	<b>Environmental Health Monitoring</b> Joseph Garner (Stanford, United States)	
S4E2.6	<b>Next Research - Closing Animal Welfare Gaps</b> Christine Baumgartner (Munich, Germany) Heike Wamser (Munich, Germany)	11:10 - 11:21
<i>F - SkillUp Tech Session</i>		
	10:15 - 11:30	Skalkotas
	<b>S4F2 - An Introduction to Zebrafish Husbandry and Care</b> Bobbi Baur (San Marcos, CA, United States) Joana Monteiro (Lisbon, Portugal)	
	<b>Introduction</b> Bobbi Baur (San Marcos, CA, United States) Joana Monteiro (Lisbon, Portugal)	10:15 - 10:20
S4F2.1	<b>Effective Husbandry of Larval Zebrafish</b> Joana Monteiro (Lisbon, Portugal)	10:20 - 10:40
S4F2.2	<b>Overview of Zebrafish Facility Management: Essentials for Care and Compliance</b> Ana Borges (Lisbon, Portugal)	10:40 - 11:00
S4F2.3	<b>Basics of Aquatics Facility Design</b> Bobbi Baur (San Marcos, CA, United States)	11:00 - 11:20
	<b>Discussion</b>	11:20 - 11:30
<i>A - Demonstrating Ethical Awareness and Accountability</i>		
	10:15 - 11:30	Marinos
	<b>W4A1 - Practical Guidance for Implementation of an Institutional 3RS Strategy</b> Ngaire Dennison (Dundee, United Kingdom) Anja Petrie (Aberdeen, United Kingdom)	
W4A1.1	<b>Interactive: Setting the Scene - Openness and Transparency</b> Ngaire Dennison (Dundee, United Kingdom) Anja Petrie (Aberdeen, United Kingdom)	10:15 - 10:30
W4A1.2	<b>Review of Replacement Projects at an Institute; How Can We Do It?</b> Anja Petrie (Aberdeen, United Kingdom)	10:30 - 10:45
W4A4.3	<b>How Can a 3RS Organisation Help?</b> Juliet Dukes (Nottingham, United Kingdom)	10:45 - 10:55
	<b>Interactive: Practical implementation and benchmarking Led by speakers</b> <b>Practical examples that explore the questions:</b> - <b>How do we get 3Rs integration into research governance?</b> - <b>Why does 3Rs need to be part of governance?</b> - <b>What is the process to get this imbedded and who would benefit?</b> - <b>How do we benchmark a 3Rs strategy?</b> - <b>How do we get funding?</b> Ngaire Dennison (Dundee, United Kingdom) Juliet Dukes (Nottingham, United Kingdom) Anja Petrie (Aberdeen, United Kingdom)	10:55 - 11:30

*B - Reducing Severity*

10:15 - 11:30

MC 2 Conference Room

**W4B2 - Reducing Severity by Training People: The Use of Live Animals in Training**

Chris Van Ginneken (Brussels, Belgium)

Julia Steidle (Brussels, Belgium)

**Introduction and Welcome**

10:15 - 10:20

Chris Van Ginneken (Brussels, Belgium)

W4B2.1

**The Regulatory Framework and Guidelines That Govern the Use of Live Animals in Training**

10:20 - 10:40

Nicole Linklater (Brussel, Belgium)

W4B2.2

**Use of Live Animals in FELASA-accredited Courses for Function A, C and D**

10:40 - 11:00

Andreas Teubner (Maastricht, Netherlands)

**Discussion**

11:00 - 11:30

Magda João Castelhana Carlos (Braga, Portugal)

*Keynote*

11:45 - 12:30

Trianti

**K4 - FELASA Award - An Unexpected Journey - From Calving Cows to Championing Squid Welfare**

J-P Mocho (London, United Kingdom)

K41

**An Unexpected Journey - From Calving Cows to Championing Squid Welfare**

11:45 - 12:30

David Anderson (London, United Kingdom)

*Breaks & Networking*

12:30 - 14:30

Exhibition Area

**Lunch Break (12:30-14:30) | Commercial Workshops (13:15-14:15)***Commercial Workshops*

13:15 - 14:15

MC 3 Conference Room

**Janvier Labs - Bridging the Gap: Advancing Preclinical Research With Humanized Mice****Bridging the Gap: Advancing Preclinical Research With Humanized Mice**

Pierre Dillard (France)

*ePoster*

13:15 - 13:55

ePoster areas (Level +1 &amp; -2)

**P4MD - ePoster Session***ePoster*

13:15 - 13:55

ePoster areas (Level +1 &amp; -2)

**P4MD1 - It's About Housing and Husbandry - Station 1 (Trianti Balcony, floor +1)**

Sabrina Ravel (Marseille, France)

**Introduction**

13:15 - 13:17

Sabrina Ravel (Marseille, France)

PC013

**Chlorine Levels In Drinking Water Impact Intestinal Flora of Guinea Pigs**

13:17 - 13:20

Carmen Calabresi (Milan, Italy)

PC026

**Digital Ventilated Cages for Data Acquisition of Animal Activity and Bedding Conditions in Mice**

13:20 - 13:23

Shakthi Devan (Bangalore Karnataka, India)

PC042	<b>What You Didn't Bargain for in Your Diet and Bedding!</b> Wairimu Gatome (Margate, United Kingdom)	13:23 - 13:26
PC107	<b>Water Activation Multicomponent System (WAMS) for Animal Facilities</b> Giorgi Phichkhaia (Tbilisi, Georgia)	13:26 - 13:29
PC115	<b>Changing Rodent Formula in Rodent Breeding Establishments: Why and How?</b> Coline Sagot (L'Arbresle, France)	13:29 - 13:32
PC134	<b>Together or Alone? Huddling Energetic Savings in Three Social Mole-rat Species</b> Zuzana Vavrušková (České Budějovice, Czech Republic)	13:32 - 13:35
PC137	<b>Raising Bearded Dragons: Advances in Husbandry, Health and Breeding</b> Nina Vogt (Frankfurt, Germany)	13:35 - 13:38
PD002	<b>Scoring Housings for Macaques: A Tool to Foster Husbandry Improvements</b> Helen Beyer (Niederhausbergen, France)	13:38 - 13:41
PE003	<b>Setting Up an Electronic Animal Management Database (Tips from the Trenches), a Canadian Perspective</b> Kathleen Banks (Vancouver, Canada)	13:41 - 13:44
PE034	<b>The AK KAB Cage Reprocessing Working Group: Information about Latest Brochure 7th Edition 2024</b> Florian Kellner-Fendt (Hohenpeissenberg, Germany)	13:44 - 13:47
<i>ePoster</i>		
13:15 - 13:55		ePoster areas (Level +1 & -2)
<b>P4MD2 - It's About Refinement by New Technologies - Station 2 (Trianti Balcony, floor +1)</b>		
Cristin Coman (Bucharest, Romania)		
	<b>Introduction</b>	13:15 - 13:17
	Cristin Coman (Bucharest, Romania)	
PA028	<b>Integrating Artificial Intelligence in Ethical Evaluation: A Model for Brazil's IACUCs/CEUAs</b> Jivago Rolo (Brasilia, Brazil)	13:17 - 13:20
PB001	<b>Magnetic Resonance Imaging for Blood-brain Barrier Dysfunction Early Detection: Improving Non-invasive Following-up</b> María Luz Alonso-Alonso (Santiago de Compostela, Spain)	13:20 - 13:23
PB011	<b>Ultrasound Imaging to Reduce Severity in Animal Research</b> Hanna Bueno Levy (REHOVOT, Israel)	13:23 - 13:26
PC052	<b>The Use of RADAR to Detect Vital Signs in Laboratory Animals</b> Ulrike Hahn (Tuebingen, Germany)	13:26 - 13:29
PC072	<b>Detection of Pre-weaning Health in Mice Using Home Cage Activity Monitoring</b> Jessica Law (Oxford, United Kingdom)	13:29 - 13:32
PE001	<b>Artificial Intelligence and Comprehensive Management of Animal Facilities: Advantages and Future Outlook</b> Rafael Alayón Afonso (Aruca, Spain)	13:32 - 13:35
PE008	<b>The Use of Artificial Intelligence (AI) I Teaching</b> Suzanne Brandt (Bergen, Norway)	13:35 - 13:38
PE013	<b>3D Printing in Laboratory Animal Science: Where 3D meets the 3Rs</b>	13:38 - 13:41

	Diego Celdran-Bonafonte (Tucson, United States)	
PE068	<b>Integrating Fluorescence Bioimaging and LC-MS for Refining Animal-Based Pharmacokinetics Studies</b> Claudia Valeri (Rome, Italy)	13:41 - 13:44
PE078	<b>Dietary Ingredients Impact Background Fluorescence Signals during In Vivo Imaging in Mice</b> Steven Yeung (New Brunswick, United States)	13:44 - 13:47
PE079	<b>Non-invasive Imaging as a Tool for 3R Principles: Assessment of Chemotherapy-Induced Cardiovascular Toxicity</b> Ying Zhao (Stockholm, Sweden)	13:47 - 13:50
<i>ePoster</i>		
13:15 - 13:55		ePoster areas (Level +1 & -2)
<b>P4MD3 - It's All About Breeding and Colony Management - Station 3 (Banquet Level, floor -2)</b>		
Jan-Bas Prins (Leiden, Netherlands)		
	<b>Introduction</b> Jan-Bas Prins (Leiden, Netherlands)	13:15 - 13:17
PA005	<b>Optimizing Laboratory Animal Breeding by Data-driven Management and Interaction with Animal Technicians</b> Inga Bruesch (Hannover, Germany)	13:17 - 13:20
PB017	<b>Enhancing Mouse Research Model Colony Management and the 3Rs through Sperm and Blastocyst Genotyping</b> Jean Cozzi (Lyon, France)	13:20 - 13:23
PB018	<b>Managing Genetically Engineered Animals Through the Lens of the 3Rs</b> Jean Cozzi (Lyon, France)	13:23 - 13:26
PB039	<b>Prediction of Germline Transmission Using STR Analysis Achieves an Enormous Reduction in Animal Numbers</b> Ronald Naumann (Leipzig, Germany)	13:26 - 13:29
PB058	<b>The Latest Pathological Background Data Analysis of Rash2 Mice over a 26-week Experimental Period</b> Masahiko Yasuda (Kawasaki, Japan)	13:29 - 13:32
PC019	<b>Genetically Modified Colonies: Innovation to Enhance Management Processes</b> Jean Cozzi (Lyon, France)	13:32 - 13:35
PC048	<b>Reimagining the Role of the Colony Technician</b> Gail Gilmour (Dundee, United Kingdom)	13:35 - 13:38
PC094	<b>We are Just Warming Up: Non-invasive Monitoring of the Poikilothermy-endothermy Transition in Mouse Pups</b> Bárbara Noronha Bastos (Porto, Portugal)	13:38 - 13:41
PC112	<b>Colony Managers in the Netherlands</b> Daphne Reijnen (Nijmegen, Netherlands)	13:41 - 13:44
PE039	<b>Analyzing Strain-specific Ultrasonic Vocalizations in Mouse Pups on Postnatal Day Eight Using DeepSqueak</b> Andrea Stephanie Leuthardt (Zurich, Switzerland)	13:44 - 13:47

## ePoster

13:15 - 13:55

ePoster areas (Level +1 &amp; -2)

**P4MD4 - It's All About Openness and Transparency - Station 4 (Banquet Level, floor -2)**

Javier Guillén (Pamplona, Spain)

**Introduction**

13:15 - 13:17

Javier Guillén (Pamplona, Spain)

PA002

**Embrace Transparency! the Future of Animal Research Is Looking Bright, Thanks to Open Communication!**

13:17 - 13:20

Sabine Juliane Bischoff (Duesseldorf, Germany)

PA011

**Patient Discovery: Fostering Ethical Awareness and Openness in Animal Research**

13:20 - 13:23

Inês Serrenho (London, United Kingdom)

PA031

**How to Improve Institutional Website Content about Animal Research**

13:23 - 13:26

Nuno Miguel Gonçalves (London, United Kingdom)

PA033

**"Animal Research: What, How, and Why". A Transmedia Approach to Shape Public Awareness**

13:26 - 13:29

Tommaso Virgilio (Bellinzona, Switzerland)

PD031

**Openness - Facts and Plans to Inform the Lay Public**

13:29 - 13:32

Györgyi Szabó (Budapest, Hungary)

PD033

**Guided Tours in a Laboratory Animal Husbandry Positively Change the Attitude Towards Animal Testing**

13:32 - 13:35

Katharina Tillmann (Vienna, Austria)

PD036

**Podcast Coadjuvantes da Ciência: Exploring Plurality in Animal Research Communication**

13:35 - 13:38

Ana Luiza Sarkis Vieira (Brasília, Brazil)

PE019

**The Australian and New Zealand Laboratory Animal Industry - Advocacy for a Better Future**

13:38 - 13:41

Jane Cross (Perth, Australia)

PE051

**Stepping in Front of the Curtain - Making Biomedical Research Tangible for Pupils**

13:41 - 13:44

Birgit Reininger-Gutmann (Graz, Austria)

PE061

**Responsible and Efficient Animal Research Through Digital Resource and Access Management**

13:44 - 13:47

Andrei Szilagyi (Iasi, Romania)

PE069

**Visitor Survey at the Open Day**

13:47 - 13:50

Katrin van de Kamp (Bonn, Germany)

## ePoster

13:15 - 13:55

ePoster areas (Level +1 &amp; -2)

**P4MD5 - It's Nothing About "Lab-Rats" - Station 5 (Banquet Level, floor -2)**

Aurora Brønstad (Norway)

**Introduction**

13:15 - 13:17

Aurora Brønstad (Norway)

PB012

**Wild Animals in Experimental BSL-3 Studies: New Challenges Working with American Mink (*Neogale vison*)**

13:17 - 13:20

Estefanía Contreras (Barcelona, Spain)

PB035

**From IVF to Natural Mating in *Xenopus laevis*: A 3Rs Application**

13:20 - 13:23

Ilaria Mazzeo (Trento, Italy)

PC012	<b>Implementation of Tunnel Handling at a Large Animal Facility</b> Petra Buhr (Copenhagen, Denmark)	13:23 - 13:26
PC029	<b>Routine Husbandry Management to Ensure Welfare and Health of Laboratory Dogs, Cats and Ferrets</b> Claire Diederich (Namur, Belgium)	13:26 - 13:29
PC050	<b>Establishment of Naked Mole Rat Facility at the CECAD</b> Mandy Götsche (Cologne, Germany)	13:29 - 13:32
PC086	<b>Long-term Biocontainment and Welfare in Water Buffaloes Enrolled for Experimental Research</b> Giusy Matteucci (Teramo, Italy)	13:32 - 13:35
PC124	<b>Minimal Invasive Contraceptive Implants in Female Macaques</b> Marieke Stammes (Rijswijk, Netherlands)	13:35 - 13:38
PC126	<b>Improving Camelid Welfare Using a Mobile Application, Data Visualization and Analytics Software</b> Edith Stuyven (Zwijnaarde - Ghent, Belgium)	13:38 - 13:41
PC127	<b>Optimizing Procedures for GLP Study of Minimally Invasive Vertebroplasty in Experimental Sheep</b> Yu-Chia Su (Taipei, Taiwan)	13:41 - 13:44
PE022	<b>Tackling the Legislative Gap for Animals Listed as Invasive Alien Species</b> J. Martje Fentener van Vlissingen (Rotterdam, Netherlands)	13:44 - 13:47
PE038	<b>Utilizing Common Marmoset (<i>Callithrix jacchus</i>) as Models for Diabetes Research</b> Kyoung-Sun Lee (Cheongju-si, Korea, Republic of)	13:47 - 13:50

*B - Reducing Severity*

14:30 - 16:00

Skalkotas

**S4B1 - Accurate Scoring of Actual Severity / How to Effectively Score Actual Severity**

Athanassia Sotiropoulos (Maisons-Alfort, France)

Delphine Denais-Lalievé (Fontenay-aux-Roses, France)

**Introduction**

Athanassia Sotiropoulos (Maisons-Alfort, France)

14:30 - 14:40

**S4B1.1 Challenges and Emerging Trends in Reporting Actual Severity in Statistical Reports Under Directive 2010/63/EU**

David Anderson (London, United Kingdom)

14:40 - 15:00

**S4B1.2 Lessons Learned from the FELASA Severity Workshops**

Dolores Bonaparte (Amsterdam, Netherlands)

15:00 - 15:20

**S4B1.3 How the Subject of Accurate Reporting of Actual Severity Has Been Addressed in France**

Karim Mesbah (Paris | Montpellier, France)

15:20 - 15:40

**S4B1.4 The Development of German Animal Numbers According to Prospective and Actual Severity**

Philipp Schwedhelm (Berlin, Germany)

15:40 - 16:00

*C - Improving Care and Welfare*

14:30 - 16:00

Trianti

**S4C2 - Smart Strategies for Social Housing, Enrichment and Welfare Monitoring**

Petra Seebeck (Zurich, Switzerland)

Helena Paradell (La Vall de Bianya, Spain)

**Introduction**

14:30 - 14:33

	Petra Seebeck (Zurich, Switzerland)	
S4C2.1	<b>Strategies to Prevent Single Housing of Male Mice: Chemical Sterilisation of Female Cage Mates</b> Ben Jurgens (Amsterdam, Netherlands)	14:33 - 14:47
S4C2.2	<b>Mice Just Want to Have Fun: The Impact of Toys on Mouse Welfare</b> Monika Kozak Ljunggren (Linköping, Sweden)	14:47 - 15:01
S4C2.3	<b>Good Nestbuilding - More to It than Providing Appropriate Nesting Material?</b> Anja Petrie (Aberdeen, United Kingdom)	15:01 - 15:15
S4C2.4	<b>GV-SOLAS Specialist Information: Breeding Planning for Laboratory Mice</b> Thorsten Buch (Schlieren, Switzerland)	15:15 - 15:29
S4C2.5	<b>AI as a Tool for the Refinement of Pain Recognition in Rodents</b> Franziska Lange (Leipzig, Germany) Tobias Gahlert (Leipzig, Germany)	15:29 - 15:43
S4C2.6	<b>Implementation of Digital Animal Welfare and Humane Endpoints through Home-cage Monitoring Solutions</b> Fabrizio Scorrano (Basel, Switzerland)	15:43 - 15:57

*D - Fostering Culture of Care*

14:30 - 16:00

Banquet

**S4D1 - Do I Have a Choice? Reconciling Personal and Professional Ethics in Laboratory Animal Science Training**

Anna Olsson (Porto, Portugal)

Augusto Vitale (Roma, Italy)

	<b>Introduction</b> Anna Olsson (Porto, Portugal)	14:30 - 14:35
S4D1.1	<b>Psychological Stress and Strain in Laboratory Animal Professionals</b> Sonja Rumpel (Berlin, Germany)	14:35 - 14:50
S4D1.2	<b>Personal Impact of Animal Use: (Tangential) Insights from an interview study with UK researchers/students</b> Renelle McGlacken (Southwater, United Kingdom)	14:50 - 15:05
S4D1.3	<b>I Am Not Sure I Want to Do It: Emotional Perspective on Animal Experiment</b> Augusto Vitale (Roma, Italy)	15:05 - 15:20
S4D1.4	<b>Who Should Learn to Do Experiments with Animals and How?</b> Anna Olsson (Porto, Portugal)	15:20 - 15:35
	<b>Discussion</b>	15:35 - 16:00

*E - Aiming for a Better Future*

14:30 - 16:00

MC 3 Conference Room

**S4E3 - ETPLAS - Promoting Alternatives to Animal Testing Through Accessible and Harmonised Education and Training**

Jan-Bas Prins (Leiden, Netherlands)

Anne-Dominique Degryse (Puylaurens, France)

	<b>Introduction</b> Jan-Bas Prins (Leiden, Netherlands)	14:30 - 14:35
S4E3.1	<b>Expansion of Assessment Criteria for Function B persons as Defined in the Directive</b> Ismene Dontas (Athens, Greece)	14:35 - 14:55

S4E3.2	<b>Union Wide Continuing Professional Development (CPD) Framework for the Field of Laboratory Animal Science</b> Philippe Bugnon (Zürich, Switzerland)	14:55 - 15:15
S4E3.3	<b>DOPS Templates: Supporting Harmonized Assessment of Practical Skills in Animal-Based Procedures</b> Rafael Frias (Solna, Sweden)	15:15 - 15:35
S4E3.4	<b>The ETPLAS Training Platform and its New EU E-learning Modules</b> Nuno Henrique Franco (Porto, Portugal)	15:35 - 15:55

*A - Demonstrating Ethical Awareness and Accountability*  
14:30 - 16:00

MC 2 Conference Room

**W4A2 - Mastering Non-technical Summaries (NTS) Writing: Enhancing Transparency and Ethical Accountability**

Nuno Miguel Gonçalves (London, United Kingdom)

**Topics:** 14:30 - 16:00

Nuno Miguel Gonçalves (London, United Kingdom)

**Scicomm and Public Trust in Science**

**Communicating Animal Research**

**EU Legislation**

16:00 - 16:00

**Exercise 1: How Clear Are These NTS?**

**NTS: Contents and Best Practises**

**Exercise 2: Improve an Existing Example**

**Concluding Remarks**

16:00 - 16:00

*B - Reducing Severity*  
14:30 - 16:00

Marinos

**W4B3 - Focus On Severe Suffering 2 - Retrospective Assessment of Projects Involving Procedures Classified as 'Severe'**

Penny Hawkins (Horsham, United Kingdom)

Chloe Stevens (Horsham, United Kingdom)

W4B3.1 **Looking Back, Moving Forward: Reducing Severe Suffering Through Retrospective Assessment** 14:30 - 14:45

Susanna Louhimies (Brussels, Belgium)

W4B3.2 **Maximizing In Vivo Research Outcomes: Retrospective Review for Improved Practice** 14:45 - 15:00

Emma Stringer (Birmingham, United Kingdom)

W4B3.3 **Retrospective Assessment of Projects With Severe Discomfort by the Dutch Competent Authority: What Can We Learn?** 15:00 - 15:15

Mathieu Sommers (Wageningen, Netherlands)

**Structured Discussion Session**

15:15 - 16:00

Penny Hawkins (Horsham, United Kingdom)

Chloe Stevens (Horsham, United Kingdom)

*Breaks & Networking*  
16:00 - 16:45

Exhibition Area

**Coffee Break**

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P4PM - ePoster Session***ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P4PM1 - It's About the People - Station 1 (Trianti Balcony, floor +1)**

Sally Robinson (Manchester, United Kingdom)

**Introduction**

16:05 - 16:07

Sally Robinson (Manchester, United Kingdom)

PB033

**Assessing Competence, Cultivating Care: A Portuguese Collaborative Approach**

16:07 - 16:10

Sofia Leocádio (Lisbon, Portugal)

PB057

**Practical application of the ETPLAS DOPS**

16:10 - 16:13

Lucy Whitfield (Mildenhall, United Kingdom)

PC010

**Benchmarking Technical Staff Ratios for Laboratory Mouse Care: Progress and Preliminary Survey Results**

16:13 - 16:16

Kerstin Broich (Basel, Switzerland)

PD009

**Exploring Workplace Well-being and the Empowering Potential of Creative Writing in Hellenic Vivariums' Personnel**

16:16 - 16:19

Eirini Fragkiadaki (Athens, Greece)

PD023

**Animal Welfare Boards (OPBA) in Practice: Comparing European and Non-European Approaches**

16:19 - 16:22

Valeria Pagano (Palermo, Italy)

PD040

**The Italian Animal Welfare Bodies Network: Enhancing Collaboration for Animal Welfare**

16:22 - 16:25

Paola Zarattini (Trieste, Italy)

PE041

**Facilitating and Encouraging Preregistration**

16:25 - 16:28

Jeannette Lorteije (Nijmegen, Netherlands)

PE046

**How to Calculate the Carbon Footprint of an Animal Facility**

16:28 - 16:31

J-P Mocho (London, United Kingdom)

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P4PM2 - It's All About Health Monitoring - Station 2 (Trianti Balcony, floor +1)**

Cristin Coman (Bucharest, Romania)

**Introduction**

16:05 - 16:07

Cristin Coman (Bucharest, Romania)

PA008

**How to Respond to an Outbreak: Effective Room Decontamination While Maximizing Animal Preservation**

16:07 - 16:10

Cécile Fant (Saint-Germain-Nuelles, France)

PA013

**Impact of Bedding Type on Sentinel-free Soiled Bedding Animal Health Monitoring**

16:10 - 16:13

Sarah Hansen (Columbia, United States)

PC016

**Exhaust Air Dust Testing Can Early Detect *Pneumocystis spp.* Infection - A Case Report**

16:13 - 16:16

Yen-Hui Chen (Taipei, Taiwan)

PC062

**Myth Busting: The Truth About *Corynebacterium Bovis***

16:16 - 16:19

Urte Jaeh (Sulzfeld, Germany)

PC077	<b>Pre-filter Test Matrix Placement Improves Pathogen Detection in Open Airflow IVC Racks</b> Robert Livingston (Columbia, Missouri, United States)	16:19 - 16:22
PC117	<b>Mouse Cage Grid Cleanliness Evaluation Extending Change Intervals from 4 to 8 Weeks</b> Linnéa Särén (Gothenburg, Sweden)	16:22 - 16:25
PE002	<b>Estimated PCR Prevalence of Pathogen Contamination in Research Biologics</b> Connor Balzer (Wilmington, MA, United States)	16:25 - 16:28
PE050	<b>The Use of Environmental Health Monitoring in Rodent Quarantine</b> Mary Proctor (Louisville, United States)	16:28 - 16:31

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P4PM3 - It's All About Severity Assessment - Station 3 (Banquet Level, floor -2)**

Anastasia Tsingotjidou (Thessaloniki, Greece)

	<b>Introduction</b> Anastasia Tsingotjidou (Thessaloniki, Greece)	16:05 - 16:07
PB004	<b>Severity Assessment in the DSS-Colitis Model under Metamizole Pain Therapy</b> André Bleich (Hannover, Germany)	16:07 - 16:10
PB007	<b>Evidence-based Severity Assessment and Validation of Refinement Measures in Rodent Epilepsy Models</b> Verena Buchecker (Munich, Germany)	16:10 - 16:13
PB013	<b>Reducing Experimental Severity: The Role of Oxyletpro - Physiocage System in Animal Research</b> Ivona Costachescu (Iasi, Romania)	16:13 - 16:16
PB038	<b>Severity Heat Maps - Developing a Consensus on Cumulative Severity</b> Helen Murphy (Stevenage, United Kingdom)	16:16 - 16:19
PB042	<b>The Adverse Effects of Adverse Affects</b> Claire Pearce (London, United Kingdom)	16:19 - 16:22
PB046	<b>Severity Assessment in Rats with Intracranial Glioma Using Voluntary Wheel Running and Weight</b> Kerstin Schwabe (Hannover, Germany)	16:22 - 16:25
PB056	<b>Severity Assessment in Two Experimental Models of Subarachnoid Hemorrhage in Rats</b> Laura Warner (Aachen, Germany)	16:25 - 16:28
PB059	<b>Do Animals Used in Research in Poland Suffer More Than in Other European Countries?</b> Witold Żakowski (Gdansk, Poland)	16:28 - 16:31
PC031	<b>When Can we Trust the Rat Grimace Scale?</b> Helene Dragelund Garcia (Frederiksberg, Denmark)	16:31 - 16:34

*ePoster*

16:05 - 16:40

ePoster areas (Level +1 &amp; -2)

**P4PM4 - It's All About Welfare - Station 4 (Banquet Level, floor -2)**

Otto Kalliokoski (Copenhagen, Denmark)

	<b>Introduction</b>	16:05 - 16:07
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	Otto Kalliokoski (Copenhagen, Denmark)	
PA035	<b>Revisiting the IQ CRO Assessment Tools to Align Assessment of Animal Welfare Due Diligence</b> Christina Winnicker (Horsham, United States)	16:07 - 16:10
PC028	<b>Evaluation of Simple Enrichment Elements on Mice Welfare by Behavioural, Neurogenic and Hormonal Factors</b> Silvina L. Diaz (Buenos Aires, Argentina)	16:10 - 16:13
PC082	<b>The Use of New Technologies to Improve Laboratory Animal Welfare Monitoring</b> Munangiwa Bridget Mafukidze (Pretoria, South Africa)	16:13 - 16:16
PC097	<b>Improving Care and Welfare in Studies Using the Cerebral Open Flow Microperfusion in Rodents</b> Sabine Obermüller (Graz, Austria)	16:16 - 16:19
PC102	<b>"Time for Recess!": A Novel Approach to Enhancing Rat Welfare Through Cage Enrichment</b> Márcia Pereira da Silva (Lisbon, Portugal)	16:19 - 16:22
PC103	<b>Material or Habit? A Study of Bottle Preferences in Rodents</b> Sara Perez Sanchez (Alcalá de Henares, Spain)	16:22 - 16:25
PC104	<b>Bedding Preference. Let's Ask the Mice!</b> Sara Perez Sanchez (Alcalá de Henares, Spain)	16:25 - 16:28
PC125	<b>Managing of Barbering in an Animal Facility as a Benefit for 4R</b> Sarah Stark (Cologne, Germany)	16:28 - 16:31
PC143	<b>Aggression in Male Laboratory Mice - an Epidemiological Approach</b> Elin M Weber (Uppsala, Sweden)	16:31 - 16:34
<i>ePoster</i> 16:05 - 16:40		ePoster areas (Level +1 & -2)
<b>P4PM5 - It's More About Animal Models - Station 5 (Banquet Level, floor -2)</b>		
Virginie Dangles-Marie (Paris, France)		
	<b>Introduction</b> Virginie Dangles-Marie (Paris, France)	16:05 - 16:07
PB027	<b>From Caterpillar to Cat: Indirect Calorimetry as a Translational Method for Determining Metabolic Processes</b> Guido Haschke (Giessen, Germany)	16:07 - 16:10
PB030	<b>Investigating the Role of Hydrogen Sulfide in Osteomyelitis Using CSE Mouse Models</b> Evangelia Karagianni (Athens, Greece)	16:10 - 16:13
PC081	<b>Which Is the Best Animal Model to Study Osteoarthritis (OA)?</b> Bertrand Lussier (St-Hyacinthe, Canada)	16:13 - 16:16
PC133	<b>Successfully Implementing the CoP Perioperative Care by Hands-on Training in a Dry Lab</b> Manon van Hulzen (Nijmegen, Netherlands)	16:16 - 16:19
PE024	<b>Diversity Outbred mice - A Model Organism with Genetic Diversity and its Own Challenges</b> Antje Dreyer (Berlin, Germany)	16:19 - 16:22
PE026	<b>Verification and Validation of <i>in Vivo</i> Translational Digital Biomarkers to Advance Preclinical Animal Testing</b> Stefano Gaburro (Buguggiate, Italy)	16:22 - 16:25

PE033	<b>Comparison of In Vivo and In Vitro Results of Medical Devices Sensitization Testing</b> Kristina Kejlova (Prague, Czech Republic)	16:25 - 16:28
PE059	<b>Cutting-edge Cannabinoid Approaches for Alzheimer's: A Future-Oriented Research Perspective</b> Gabriela-Dumitrita Stanciu (Iasi, Romania)	16:28 - 16:31
PE064	<b>Exploring Recombinant Bacteriocins in a Murine Model of <i>Klebsiella pneumoniae</i> Infection</b> Deimante Tilinde (Kaunas, Lithuania)	16:31 - 16:34

*A - Demonstrating Ethical Awareness and Accountability*  
16:45 - 18:00

Trianti

**S4A4 - Institutional Transparency in Animal-based Science**

Karen Mulkijanyan (Tbilisi, Georgia)

Sabrina Ravel (Marseille, France)

	<b>Introduction</b> Karen Mulkijanyan (Tbilisi, Georgia)	16:45 - 16:48
S4A4.1	<b>Improvement in Non-technical Summary Information on Replacement to Improve Transparency</b> Kathy Ryder (Belfast, United Kingdom)	16:48 - 17:01
S4A4.2	<b>Systematic Review of European Public Attitudes Toward Animal Research: Trends and Implications</b> Inês Serrenho (London, United Kingdom)	17:01 - 17:14
S4A4.3	<b>Communicating Compliance, a Canadian Perspective: The University of British Columbia Post Approval Monitoring Program</b> Kathleen Banks (Vancouver, Canada)	17:14 - 17:27
S4A4.4	<b>Implementing a Fully Transparent Communication Policy of Animal Experimentation in a Swiss institution</b> Rémi Carlier (Lausanne, Switzerland)	17:27 - 17:40
S4A4.5	<b>Understanding Regulatory Capture in Animal Research</b> Lisa Craig (Adelaide, Australia)	17:40 - 17:53
	<b>Closing Remarks</b>	17:53 - 17:58

*E - Aiming for a Better Future*  
16:45 - 18:00

Banquet

**S4E4 - Refining Animal Models**

Viola Galligioni (Amsterdam, Netherlands)

Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)

S4E4.1	<b>Anaesthesia and Analgesia for Cattle, Sheep, Goats and Pigs Used in Biomedical Research</b> Sabine Juliane Bischoff (Duesseldorf, Germany)	16:45 - 17:02
S4E4.2	<b>The Pig as a Model in Translational Surgery</b> Thomas Hubert (Lille, France)	17:02 - 17:19
S4E4.3	<b>Moving Towards a More Rigorous Understanding of Mouse Behavior and Physiology</b> Timothy L. Robertson (Redwood City, CA, United States)	17:19 - 17:36
S4E4.4	<b>Validation of the Wildling Mouse Model to Enhance Translational Research</b> Natascha Drude (Berlin, Germany)	17:36 - 17:53

*E - Aiming for a Better Future*

16:45 - 18:00

MC 3 Conference Room

**S4E5 - FELASA - Its Visions, Missions and Liaisons**

Klas Abelson (Copenhagen, Denmark)

J-P Mocho (London, United Kingdom)

S4E5.1	<b>FELASA - Its Visions, Missions and Liaison</b> Klas Abelson (Copenhagen, Denmark)	16:45 - 17:15
S4E5.2	<b>AALAS and FELASA Working Together</b> Scott Mischler (Morrisonville, United States) Elizabeth Nunamaker (United States, United States)	17:15 - 17:25
S4E5.3	<b>EARA</b> Kirk Leech (London, United Kingdom)	17:25 - 17:35
S4E5.4	<b>The International Council for Laboratory Animal Science - ICLAS</b> Johannes Wilbertz (Stockholm, Sweden)	17:35 - 17:45
	<b>Panel Discussion and Concluding Remarks</b>	17:45 - 18:00

*F - SkillUp Tech Session*

16:45 - 18:00

Skalkotas

**S4F3 - YOU Have the Power to Move Public Beliefs about Animal Research**

Paula Clifford (Washington DC, United States)

Wendy Jarrett (London, United Kingdom)

	<b>Introduction</b> Paula Clifford (Washington DC, United States) Wendy Jarrett (London, United Kingdom)	16:45 - 16:55
S4F3.1	<b>How to Effectively Talk About Your Work with Animals in Research</b> Paula Clifford (Washington DC, United States)	16:55 - 17:10
S4F3.2	<b>Freedom to Speak: How Openness Contributes to a Culture of Care</b> John Meredith (London, United Kingdom)	17:10 - 17:25
S4F3.3	<b>Can We Talk? Communication between Animal Technicians and Researchers Is an Important 3R Facilitator</b> Aoife Milford (Basel, Switzerland)	17:25 - 17:40
S4F3.4	<b>Towards a Transparency Agreement on Animal Research in Greece</b> Anastasios Xanthopoulos (Thessaloniki, Greece)	17:40 - 17:55

*B - Reducing Severity*

16:45 - 18:00

Marinos

**W3B2 (repeated) - Using the ETPLAS DOPS for Assessing the Practical Skills of Personnel Working with Laboratory Animals**

Anne-Dominique Degryse (Puy-laurens, France)

Jan-Bas Prins (Leiden, Netherlands)

W3B2.1	<b>ETPLAS Working Group on DOPS Development for Practical Skills Assessment - Introduction and Overview</b> Rafael Frias (Solna, Sweden)	16:45 - 16:55
W3B2.2	<b>Understanding the ETPLAS DOPS</b> Ivo Tiebosch (Utrecht, Netherlands)	16:55 - 17:05
W3B2.3	<b>Practical application of the ETPLAS DOPS</b> Lucy Whitfield (Mildenhall, United Kingdom)	17:05 - 17:15
W3B2.4	<b>Case Studies and Real-world Application</b> Andreia Costa (Porto, Portugal)	17:15 - 18:00

*B - Reducing Severity*

16:45 - 18:00

MC 2 Conference Room

**W4B4 - Principles of Rodent Aseptic Surgery: A Practical Approach to Surgical Asepsis and Suturing Techniques**

Diego Celdran-Bonafonte (Tucson, United States)

Vasileios Ntafis (Vari, Greece)

W4B4

**Principles of Rodent Aseptic Surgery: A practical approach to surgical asepsis and suturing techniques**

16:45 - 18:00

Diego Celdran-Bonafonte (Tucson, United States)

**Instructors on Hands-on Rodent Aseptic Surgery and Suturing Practice**

Diego Celdran-Bonafonte (Tucson, United States)

Felix Gantenbein (Zurich, Switzerland)

Lena Gens (Davos, Switzerland)

Pavlos Lelovas (Athens, Greece)

Vasileios Ntafis (Vari, Greece)

Victoria Ortín Piqueras (Murcia, Spain)

Daniel Ruiz-Perez (Dublin, Ireland)

Regina Rumpel (Bielefeld, Germany)

Nina Trimmel (Linz, Austria)

Thursday, June 5, 2025

*A - Demonstrating Ethical Awareness and Accountability*

09:00 - 10:30

Banquet

**S5A1 - Awareness and Accountability in Project Evaluation**

Nelleke Verhave (Nijmegen, Netherlands)

Jenny Parks (Southampton, United Kingdom)

- |        |   |               |
|--------|---|---------------|
| S5A1.1 | <b>The Weight of the Culture of Care in Harm-benefit Analysis</b><br>Nelleke Verhave (Nijmegen, Netherlands)<br>Jenny Parks (Southampton, United Kingdom) | 09:00 - 09:25 |
| S5A1.2 | <b>Fostering Ethical Practice in Academia: Before, during and Beyond the Life of a Project</b><br>Ngaire Dennison (Dundee, United Kingdom)                | 09:25 - 09:45 |
| S5A1.3 | <b>Acknowledgement of Sentience in Project Evaluation and Animal Research Practice</b><br>Katja Ten Cate (The Hague, Netherlands)                         | 09:45 - 10:05 |
| S5A1.4 | <b>Promoting KARE: Kinship in Animal Research Ethics</b><br>Jason Allen (Peterborough, ON, Canada)  | 10:05 - 10:25 |
|        | <b>Dicussion</b>  | 10:25 - 10:30 |

*C - Improving Care and Welfare*

09:00 - 10:30

Trianti

**S5C1 - 3Rs in Laboratory Mouse Breeding**

Gabriela Morello (Porto, Portugal)

Christina Boyle (Zurich, Switzerland)

- |        |  |               |
|--------|--|---------------|
|        | <b>Introduction</b><br>Gabriela Morello (Porto, Portugal)  | 09:00 - 09:05 |
| S5C1.1 | <b>Reduction of Surplus Animals with Breeding Management Software</b><br>Philippe Bugnon (Zürich, Switzerland)                                     | 09:05 - 09:20 |
| S5C1.2 | <b>Do Breeding Practices Impact the Health and Wellbeing of the Mouse Dam?</b><br>Christina Boyle (Zurich, Switzerland)                            | 09:20 - 09:35 |
| S5C1.3 | <b>Assessing the Health of Breeding Mouse Dams: Results from an Exploratory Breeding Study</b><br>Andrea Stephanie Leuthardt (Zurich, Switzerland) | 09:35 - 09:50 |
| S5C1.4 | <b>Housing and Management Critical Points for Mouse Survivability in Breeding</b><br>Gabriela Morello (Porto, Portugal)                            | 09:50 - 10:05 |
| S5C1.5 | <b>Using Post-Mortem Analysis to Understand Causes of Pup Mortality</b><br>Sara Capas Peneda (Porto, Portugal)                                     | 10:05 - 10:20 |
|        | <b>Questions and Answers - the Floor is Yours</b>  | 10:20 - 10:30 |

*C - Improving Care and Welfare*

09:00 - 10:30

MC 3 Conference Room

**S5C2 - Improving Welfare and Research Outcomes Through the Refinement in Animal Models**

Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)

Amir Rosner (Ness ziona, Israel)

- |        |   |               |
|--------|---|---------------|
| S5C2.1 | <b>Handling and Training Protocols for Camelids in Research</b><br>Elisabeth Herrero (Ghent, Belgium) | 09:00 - 09:15 |
|--------|---|---------------|

S5C2.2	<b>The Sunshine Vitamin: Myth or Reality of Vitamin D Role in Marmoset's Welfare</b> Ruta Vaicekauskaite (Niederhausbergen, France)	09:15 - 09:30
S5C2.3	<b>Optimizing Rabbit Gavage Techniques through Data-driven Refinements</b> Elizabeth Nunamaker (United States, United States)	09:30 - 09:45
S5C2.4	<b>Unique Aspects of Naked Mole-Rat Care</b> Paul Friedemann Pohlig (Cologne, Germany)	09:45 - 10:00
S5C2.5	<b>The MI-RAT, a Novel Murine Model for the Study of OA</b> Bertrand Lussier (St-Hyacinthe, Canada)	10:00 - 10:15
S5C2.6	<b>Large Colony Housing of Rats in Drug Development</b> Christian Brenneis (Darmstadt, Germany)	10:15 - 10:30

*D - Fostering Culture of Care*

09:00 - 10:30

Skalkotas

**S5D1 - One Welfare in Action: Supporting Caregivers, Facilities, and Animal Well-Being**Helena Paradell (La Vall de Bianya, Spain)  
Nikolaos Kostomitsopoulos (Athens, Greece)

	<b>Introduction</b> Helena Paradell (La Vall de Bianya, Spain)	09:00 - 09:03
S5D1.1	<b>There is only One Welfare</b> Kévin P. Dhondt (Saint-Germain-Nuelles, France)	09:03 - 09:17
S5D1.2	<b>Developing a Training and Wellness Program to Promote a Culture of Care</b> Susan Rosati (Philadelphia, United States)	09:17 - 09:31
S5D1.3	<b>Empowering Caregivers, Building Resilience and Compassion through Empathic Listening</b> Judy Murray (Wilmington, United States)	09:31 - 09:45
S5D1.4	<b>Developing a Two-tiered Conversation Guide on Compassion Fatigue and Resilience in Mice Breeding Teams</b> Filipe Nunes (Gothenburg, Sweden)	09:45 - 09:59
S5D1.5	<b>Lab Life through the Lens: Portraying Animal Research in Video Format</b> Mary Harvie (London, United Kingdom)	09:59 - 10:13
S5D1.6	<b>Animal Facility Building Management - Thinking Inside the Box</b> Caroline Bergmann (Nottingham, United Kingdom)	10:13 - 10:27

*B - Reducing Severity*

09:00 - 10:30

Marinos

**W3B1 (repeated) - Self-Made Score Sheet or Not? That's the Question**Maike Heimann (Zürich, Switzerland)  
Philippe Bugnon (Zürich, Switzerland)

	<b>Introduction</b> Maike Heimann (Zürich, Switzerland) Philippe Bugnon (Zürich, Switzerland)	09:00 - 09:15
	<b>Interactive Session</b> Maike Heimann (Zürich, Switzerland) Philippe Bugnon (Zürich, Switzerland)	09:15 - 10:30

*B - Reducing Severity*

09:00 - 10:30

MC 2 Conference Room

**W5B1 - A Taster of Complex Models in the Classification and Reporting of Severity of Procedures in Complex Surgical Models in Higher Species**

Anne-Dominique Degryse (Puylaurens, France)

David Anderson (London, United Kingdom)

**Presentation with Short Refresher and Introduction to the Models** 09:00 - 09:15**Round Table Discussion in Small Working Groups With Facilitator** 09:15 - 09:45**Interactive Presentation on Actual Severity** 09:45 - 10:20**Wrap-up and Take Home** 10:20 - 10:30**Speakers** 10:30 - 10:30

Anne-Dominique Degryse (Puylaurens, France)

David Anderson (London, United Kingdom)

**Facilitators:**

Sandra Buhl (Cologne, Germany)

Damien Gervasoni (Lyon, France)

*Breaks & Networking*

10:30 - 11:15

Exhibition Area

**Coffee Break***ePoster*

10:35 - 11:10

ePoster areas (Level +1 &amp; -2)

**P5AM - ePoster Session***ePoster*

10:35 - 11:10

ePoster areas (Level +1 &amp; -2)

**P5AM1 - It's All About 3Rs - Station 1 (Trianti Balcony, floor +1)**

Michail Pavlidis (Heraklion, Greece)

**Introduction** 10:35 - 10:37

Michail Pavlidis (Heraklion, Greece)

PA016 **Board Game "Bioethics Commission' Meeting": A New Educational Approach for the 3Rs' Dissemination** 10:37 - 10:40

Ekaterina Kushnir (Moscow, Russian Federation)

PA018 **Qualitative Exploration of the Perceptions of the 3Rs by Swiss Researchers: A Dual Loyalty?** 10:40 - 10:43

Edwin Louis-Maerten (Basel, Switzerland)

PC047 **3Rs in Action: Insights from Standardising Health Screening at a Large UK Academic Institution** 10:43 - 10:46

Christina Gill (Oxford, United Kingdom)

PC100 **Strategies for Improving three Rs in a Swiss Medium Size Rodent Facility** 10:46 - 10:49

Julie Parchet-Piccand (Lausanne, Switzerland)

PD006 **The 3Rs Champions Team: Empowering Animal Technicians** 10:49 - 10:52

Gail Gilmour (Dundee, United Kingdom)

PD011 **Advancing Animal Welfare and Ethical Research: 3R and Culture of Care Policy at UNIGE** 10:52 - 10:55

Elsa Giobellina (Geneva, Switzerland)

PE009 **The 3Rs Grant Scheme at UNSW Sydney: Support for Development** 10:55 - 10:58

	<b>of Novel Alternatives</b>	
	Karen Brennan (Sydney, Australia)	
PE048	<b>G3RP: Good 3R Practice - Quality Management as a Basis for Animal Welfare</b>	10:58 - 11:01
	Roberto Plasenzotti (Graz, Austria)	
<i>ePoster</i>		
10:35 - 11:10		ePoster areas (Level +1 & -2)
	<b>P5AM2 - It's All About Culture of Care - Station 2 (Trianti Balcony, floor +1)</b>	
	Chloe Stevens (Horsham, United Kingdom)	
	<b>Introduction</b>	10:35 - 10:37
	Chloe Stevens (Horsham, United Kingdom)	
PD004	<b>Applying Six Sigma to Strengthen the Culture of Care</b>	10:37 - 10:40
	Paul Friedemann Pohlig (Cologne, Germany)	
PD019	<b>Fostering a Culture of Care: Integrating Compassion and Collaboration within a Positive Research Culture</b>	10:40 - 10:43
	Nadine Lebrasse (London, United Kingdom)	
PD020	<b>A Global CRO Strategy to Foster a Strong Culture of Care</b>	10:43 - 10:46
	Judy Murray (Wilmington, United States)	
PD026	<b>Designing Mental Health Program for Animal Researchers</b>	10:46 - 10:49
	Sangho Roh (Seoul, Korea, Republic of)	
PD035	<b>"It's an Ant's Work": A View from the South on Culture of Care</b>	10:49 - 10:52
	Ana Luiza Sarkis Vieira (Brasília, Brazil)	
PD037	<b>Uplifting Culture of Care for Animal Welfare</b>	10:52 - 10:55
	Lena William-Olsson (Gothenburg, Sweden)	
PE030	<b>Bridging Leadership Gap: Manchester's Novel Postgraduate Programme in Biomedical Research Facilities Leadership and Management</b>	10:55 - 10:58
	Maria Kamper (Manchester, United Kingdom)	
<i>ePoster</i>		
10:35 - 11:10		ePoster areas (Level +1 & -2)
	<b>P5AM3 - It's All About Pigs and Minipigs - Station 3 (Banquet Level, floor -2)</b>	
	Chryssa Bekiari (Thessaloniki, Greece)	
	<b>Introduction</b>	10:35 - 10:37
	Chryssa Bekiari (Thessaloniki, Greece)	
PA026	<b>Ethical Improvement of Efficacy Study of a New Treatment Using GÖTTINGEN Minipigs</b>	10:37 - 10:40
	Chloé Reymond (Brétigny sur Orge, France)	
PB054	<b>Blood Collection from the Brachial Vein in Göttingen Minipigs</b>	10:40 - 10:43
	Sarah Lavige (Lyon, France)	
PC014	<b>First time in Israel, the Rehoming of Gottingen Minipigs</b>	10:43 - 10:46
	David Castel (Rehovot, Israel)	
PC021	<b>Development of Monitoring Sheets for Sheep and Pigs Undergoing Cardiac Surgery</b>	10:46 - 10:49
	Stéphanie De Vleeschauwer (Leuven, Belgium)	
PC064	<b>Permanent Small Intestinal Cannulation in Göttingen Minipigs - Technique and Management</b>	10:49 - 10:52

	Cathrine Juel Bundgaard (Ganløse, Denmark)	
PC120	<b>Strategies for Optimization of Peri-Operative Care of Pigs</b> Camilla Schumacher-Petersen (Måløv, Denmark)	10:52 - 10:55
PE023	<b>Treadmill Habituation Technique for Yucatan Minipigs in Neurological Studies</b> Alona DOUGERE (Marcy l'Etoile, France)	10:55 - 10:58
PE028	<b>Addressing Aortic Aneurysm Disease in Human-like LDLR-/- Minipigs: From Animal Models to Clinical Applications</b> Katrin Hanft (Munich, Germany)	10:58 - 11:01
PE042	<b>Pig Model for an Apheresis Procedure: A Proof-of-Concept Study</b> Genis Martinez Cuentra (Barcelona, Spain)	11:01 - 11:04
<i>ePoster</i>		
10:35 - 11:10		ePoster areas (Level +1 & -2)
<b>P5AM4 - It's All About Surgery - Station 4 (Banquet Level, floor -2)</b>		
Adrian Smith (Ås, Norway)		
	<b>Introduction</b> Adrian Smith (Ås, Norway)	10:35 - 10:37
PC034	<b>Better Science by Tackling Antimicrobial Resistance with High-standard Asepsis in Experimental Rodent Surgery</b> Cécile Fant (Saint-Germain-Nuelles, France)	10:37 - 10:40
PB022	<b>Comparison of Different Surgical Techniques of Vasectomy in Mice Associated with Pain Control Protocols</b> Luciene Dias (Rio de Janeiro, Brazil)	10:40 - 10:43
PC015	<b>Bringing Experts Together for Successful Surgery: Working Well as a Team</b> Yao Chen (Lyon, France)	10:43 - 10:46
PC025	<b>Regulatory Training "Initiation to Surgery on Fish Used for Scientific Purposes"</b> Jean-Claude Desfontis (Nantes, France)	10:46 - 10:49
PC038	<b>Assessing Hygienic Working Conditions and Practices in Laboratory Rodent Surgery: An Online Survey Analysis</b> Felix Gantenbein (Zurich, Switzerland)	10:49 - 10:52
PC043	<b>Training Good Surgical Practice for Rodent Surgery</b> Lena Gens (Davos, Switzerland)	10:52 - 10:55
PC055	<b>Refining Surgical Training: An Easy-to-Set Up Fabric Mouse Model</b> Abdessalem Hamed (Marcy l'Etoile, France)	10:55 - 10:58
PE014	<b>Multicenter Validation Study of a 3D Printed Mouse Model for Surgical Training</b> Diego Celdran-Bonafonte (Tucson, United States)	10:58 - 11:01
<i>ePoster</i>		
10:35 - 11:10		ePoster areas (Level +1 & -2)
<b>P5AM5 - It's More About Health Monitoring - Station 5 (Banquet Level, floor -2)</b>		
Karen Mulkijanyan (Tbilisi, Georgia)		
	<b>Introduction</b> Karen Mulkijanyan (Tbilisi, Georgia)	10:35 - 10:37
PB002	<b>Is the Microbial Status an Extrinsic, Intrinsic, or Intermediate Influence on Experimental Animals?</b>	10:37 - 10:40

	Laurentiu Benga (Düsseldorf, Germany)	
PC056	<b>Burkholderia gladioli: Presentations and Diagnosis of an Emerging Opportunistic Pathogen of Immunocompromised Rodents</b> Sarah Hansen (Columbia, United States)	10:40 - 10:43
PC058	<b>A Sentinel-Free Soiled Bedding Sampling Alternative to Direct Animal Sampling for PCR-based Rodent Quarantines</b> Kenneth Henderson (Wilmington, MA, United States)	10:43 - 10:46
PC078	<b>Sentinel-free Soiled Bedding Rodent Health Monitoring Improves Pathogen Detection And Eliminates Sentinel Rodents</b> Robert Livingston (Columbia, Missouri, United States)	10:46 - 10:49
PE018	<b>Refinements in Rodent Environmental Health Monitoring Methods</b> Lucie Cote (Montreal, Canada)	10:49 - 10:52
PE037	<b>Can We Replace Sentinels? Comparison of Sentinels to Animal Free Methods for Health Monitoring</b> Monika Kozak Ljunggren (Linköping, Sweden)	10:52 - 10:55
PA009	<b>Into the Wild Infectious Load: Rodent SPF Agents Prevalence in Wild Mammals</b> Cécile Fant (Saint-Germain-Nuelles, France)	10:55 - 10:58
<i>A - Demonstrating Ethical Awareness and Accountability</i> 11:15 - 12:45		Banquet
<b>S5A2 - Accounting for Sex in Animal Experimentation</b> Thorsten Buch (Schlieren, Switzerland) Francesca Maranghi (Rome, Italy)		
	<b>Introduction</b> Thorsten Buch (Schlieren, Switzerland)	11:15 - 11:20
S5A2.1	<b>The Laboratory Environment: A Neglected Factor in Implementing the SABV Policy in Mouse Research</b> Ivana Jaric (Schlieren, Switzerland)	11:20 - 11:40
S5A2.2	<b>Reduction by Design: Sex Inclusive Research Need Not Increase the Sample Size by Default</b> Ben Phillips (Cambridge, United Kingdom)	11:40 - 12:00
S5A2.3	<b>The Use of Rodent Models to Evaluate Sex Differences in Toxicological Risk Assessment</b> Francesca Maranghi (Rome, Italy)	12:00 - 12:20
S5A2.4	<b>Pain, Sex, and Death</b> Jeffrey Mogil (Montreal, Canada)	12:20 - 12:40
<i>C - Improving Care and Welfare</i> 11:15 - 12:45		MC 3 Conference Room
<b>S5C3 - The Contribution of the Continuous Professional Development Programmes in Improving Animal Care and Welfare</b> Rafael Frias (Solna, Sweden) Francesco Carù (Milano, Italy)		
	<b>Introduction</b> Francesco Carù (Milano, Italy)	11:15 - 11:25
S5C3.1	<b>Experiences and Challenges Supporting Scientific Community: What we Have Done What we Will Do</b> Francesco Carù (Milano, Italy)	11:25 - 11:40
S5C3.2	<b>Achieving Competence in Laboratory Animal Science: A Pathway to</b>	11:40 - 11:55

	<b>Animal Welfare and Scientific Excellence</b> Rafael Frias (Solna, Sweden)	
S5C3.3	<b>Animal Facility Management, (Too) Many Balls to Juggle</b> Jan-Bas Prins (Leiden, Netherlands)	11:55 - 12:10
S5C3.4	<b>Application of Lean Management in Animal Facilities: Pros and Cons</b> Alberto Gobbi (Milano, Italy)	12:10 - 12:25
	<b>Discussion</b>	12:25 - 12:45
<i>D - Fostering Culture of Care</i>		
	11:15 - 12:45	Skalkotas
<b>S5D2 - No Excuses Left - Lack of Competence Is Not an Option</b>		
Susanna Louhimies (Brussels, Belgium) Milena Mennecozi (Ispra, Italy)		
S5D2.1	<b>The EU Education &amp; Training Framework 2.0</b> Susanna Louhimies (Brussels, Belgium)	11:15 - 11:35
S5D2.2	<b>Educational Resources and a New EU Manual for Animal Caretakers</b> Milena Mennecozi (Ispra, Italy)	11:35 - 11:55
S5D2.3	<b>The European CPD Framework</b> Philippe Bugnon (Zürich, Switzerland)	11:55 - 12:15
S5D2.4	<b>FELASA Recommendations for Continuing Professional Development for Professionals Involved in Animal Research</b> Magda João Castelhana Carlos (Braga, Portugal)	12:15 - 12:35
	<b>Discussion</b>	12:35 - 12:45
<i>E - Aiming for a Better Future</i>		
	11:15 - 12:45	Trianti
<b>S5E1 - "The Future Is Here"</b>		
Rene Tolba (Aachen, Germany) Petra Seebeck (Zurich, Switzerland)		
S5E1.1	<b>Advancing Preclinical Animal Model Selection with AI: A New Frontier for Laboratory Animal Veterinarians</b> Nikola Cesarovic (Zurich, Switzerland)	11:15 - 11:33
S5E1.2	<b>A Dynamic Evidence-based Platform to Support Animal Model Selection in Cancer Research</b> Maria Economou (Berlin, Germany)	11:33 - 11:51
S5E1.3	<b>Virtual Reality, a Novel Training Tool for Preclinical Research</b> Michaël Verset (Lyon, France)	11:51 - 12:09
S5E1.4	<b>Balancing Innovation and Accuracy: AI-Generated Clinical Score Sheets in Focus</b> Cristian Berce (Bern, Switzerland)	12:09 - 12:27
S5E1.5	<b>The Power of Synthesizable Data: Strategies for Maximizing the Impact of Research</b> Alexandra Bannach-Brown (Berlin, Germany)	12:27 - 12:45

*D - Fostering Culture of Care*

11:15 - 12:45

Marinos

**W4D1 (repeated) - Supporting Trainees in Practical Training with Animals: How to Manage Individual Difficulties?**

Anna Olsson (Porto, Portugal)

Andreia Costa (Porto, Portugal)

**Introduction to the Topic and Workshop Approach**

11:15 - 11:25

Andreia Costa (Porto, Portugal)

Anna Olsson (Porto, Portugal)

Júlio Borlido Santos (Porto, Portugal)

**Group Activities: Troubleshooting and Solving Case Scenarios**

11:25 - 12:25

**- Distribution of Materials and Tasks****- Facilitated Discussion About Hypothetical Trainee Profiles****- Mapping Group Outputs**

Andreia Costa (Porto, Portugal)

Anna Olsson (Porto, Portugal)

Júlio Borlido Santos (Porto, Portugal)

**Collective Discussion of Group Work**

12:25 - 12:45

*B - Reducing Severity*

11:15 - 12:45

MC 2 Conference Room

**W5B2 - A Taster of Complex Neuro-Behavioural Rodent Models in the Classification and Reporting of Severity of Procedures**

Delphine Denais-Lalievie (Fontenay-aux-Roses, France)

Nelleke Verhave (Nijmegen, Netherlands)

**Presentation With Short Refresher and Introduction to the Models**

11:15 - 11:30

**Round Table Discussion in Small Working Groups With Facilitator**

11:30 - 12:00

**Interactive Presentation on Actual Severity**

12:00 - 12:35

**Wrap-up and Take Home**

12:35 - 12:45

**Facilitators:**

Delphine Denais-Lalievie (Fontenay-aux-Roses, France)

Sandra Buhl (Cologne, Germany)

Damien Gervasoni (Lyon, France)

Nelleke Verhave (Nijmegen, Netherlands)

*Opening & Closing Sessions*

12:45 - 13:15

Trianti

**HSBLAS 30 Anniversary**

Katerina Marinou (Athens, Greece)

Vasileios Ntafis (Vari, Greece)

**Introduction**

12:45 - 13:00

Katerina Marinou (Athens, Greece)

Vasileios Ntafis (Vari, Greece)

K51

**HSBLAS' Growth Chart - the First 30 Years**

13:00 - 13:15

Ismene Dontas (Athens, Greece)

*Opening & Closing Sessions*

13:15 - 13:45

Trianti

**Closing and Awards Ceremony****Closing and Awards**

Anastasia Tsingotjidou (Thessaloniki, Greece)

Aurora Brønstad (Norway)

J-P Mocho (London, United Kingdom)  
Rene Tolba (Aachen, Germany)