



FINAL PROGRAMME

June 2–5, 2025

Athens, Greece

REDUCING SEVERITY IN ANIMAL RESEARCH



felasa2025.eu



Transform Your Research with Smarter Aquatic Systems

VISIT US AT BOOTH #B112

Simplicity of Systems

Our user-friendly designs ensure streamlined operations.

Exceptional Service

Our responsive, knowledgeable team is always ready to support your research needs.

Cost-Effective Solutions

Optimize your research budget without compromising on quality.

Lifetime Warranty

We back our systems for a lifetime ensuring reliability and durability.

TABLE OF CONTENT

Committees	4
Legend to the Programme	6
Programme Overview	7
Sunday, June 1, 2025,	7
Monday, June 2, 2025,	8
Tuesday, June 3, 2025,	10
Wednesday, June 4, 2025,	12
Thursday, June 5, 2025,	14
Scientific Programme	16
Sunday, June 1, 2025,	16
Monday, June 2, 2025,	20
Tuesday, June 3, 2025,	30
Wednesday, June 4, 2025,	40
Thursday, June 5, 2025,	49
ePoster Sessions.....	54

COMMITTEES

ORGANISING COMMITTEE

Chair:

Anastasia Tsingotjidou

Members:

Klas Abelson
Eirini Fragkiadaki
Katerina Marinou
Jean-Philippe Mocho
Vasileios Ntafis
Martina Perse
Dasa Seveljevic-Jaran
Samuel Vidal
Argyro Zacharioudaki

SCIENTIFIC COMMITTEE

Chair:

Aurora Brønstad

Co-Chairs:

Livia D'Angelo
Delphine Denais-Lalieve
Helena Paradell

Members:

Chryssa Bekiari
Thorsten Buch
Cristin Coman
Ismene Dontas
Viola Galligioni
Jan Honetschläger
Otto Kalliokoski
Nikolaos Kostomitsopoulos
Karen Mulkijanyan
Michail Pavlidis
Belen Pintado
Sabrina Ravel
Sally Robinson
Amir Rosner
Ana Santos
Christian Schnell
Petra Seebeck
Marcel ter Veld
Rene Tolba
Chris Van Ginneken



THE UNIVERSITY *of* EDINBURGH
The Royal (Dick) School
of Veterinary Studies



Postgraduate | Online

Animal welfare from a world-leading veterinary education provider

Welfare of Animals Used for Scientific Purposes
Credit-bearing short course

LEGEND TO THE PROGRAMME









1st letter of a session code

K	Keynote
S	Session
W	Workshop
P	ePoster Session






1st digit of a session code

1	Sunday
2	Monday
3	Tuesday
4	Wednesday
5	Thursday





2nd letter of a session code

	A	Demonstrating Ethical Awareness and Accountability
	B	Reducing Severity
	C	Improving Care and Welfare
	D	Fostering Culture of Care
	E	Aiming for a Better Future
	F	SkillUp Tech Session
	G	My Oral Presentation in 180 Seconds
	H	IACLAM Day

Icons

	live-streamed session
	recorded session
	pre-registration necessary
	voting session
	ePoster session

Further colour codes

	Commercial Workshops
	Opening & Closing Sessions
	Keynote
	ePoster Session

Sunday, June 1

PROGRAMME OVERVIEW

Banquet		Conference Room 1	
09.00	Welcome 09.00 – 09.05		09.00
15			15
30	S1H1		30
45	Changing Legislative Environments		45
10.00		W1B1	10.00
15		Severity Classification and Reporting Under Directive 2010/63/EU -	15
30	S1H2	A Train the Trainer Workshop. Part 1	30
45	Training the Laboratory Animal Vet For Proficiency. Part I	Coffee Break	45
11.00			11.00
15	Coffee Break		15
30			30
45	S1H3	W1B1	45
12.00	Training the Laboratory Animal Vet for Proficiency. Part II	Severity Classification and Reporting Under Directive 2010/63/EU -	12.00
15		A Train the Trainer Workshop. Part 2	15
30			30
45			45
13.00	Lunch Break		13.00
15			15
30			30
45	S1H4	Lunch Break	45
14.00	The Future of Animal Monitoring		14.00
15			15
30	S1H5	W1B2	30
45	Best Practices for Anaesthesia, Analgesia and Euthanasia	FELASA Workshop on the Classification and Reporting of Severity	45
15.00		of Procedures using Basic Models. Part 1	15.00
15	Coffee Break		15
30			30
45	S1H6	Coffee Break	45
16.00	Anaesthesia In Rodents – Oral Presentations		16.00
15			15
30	S1H7	W1B2	30
45	The Veterinary Contribution to Animal Research	FELASA Workshop on the Classification and Reporting of Severity	45
17.00		of Procedures using Basic Models. Part 2	17.00
15	Summary and Conclusion 17.00 – 17.05		15
30			30
45			45
18.00			18.00

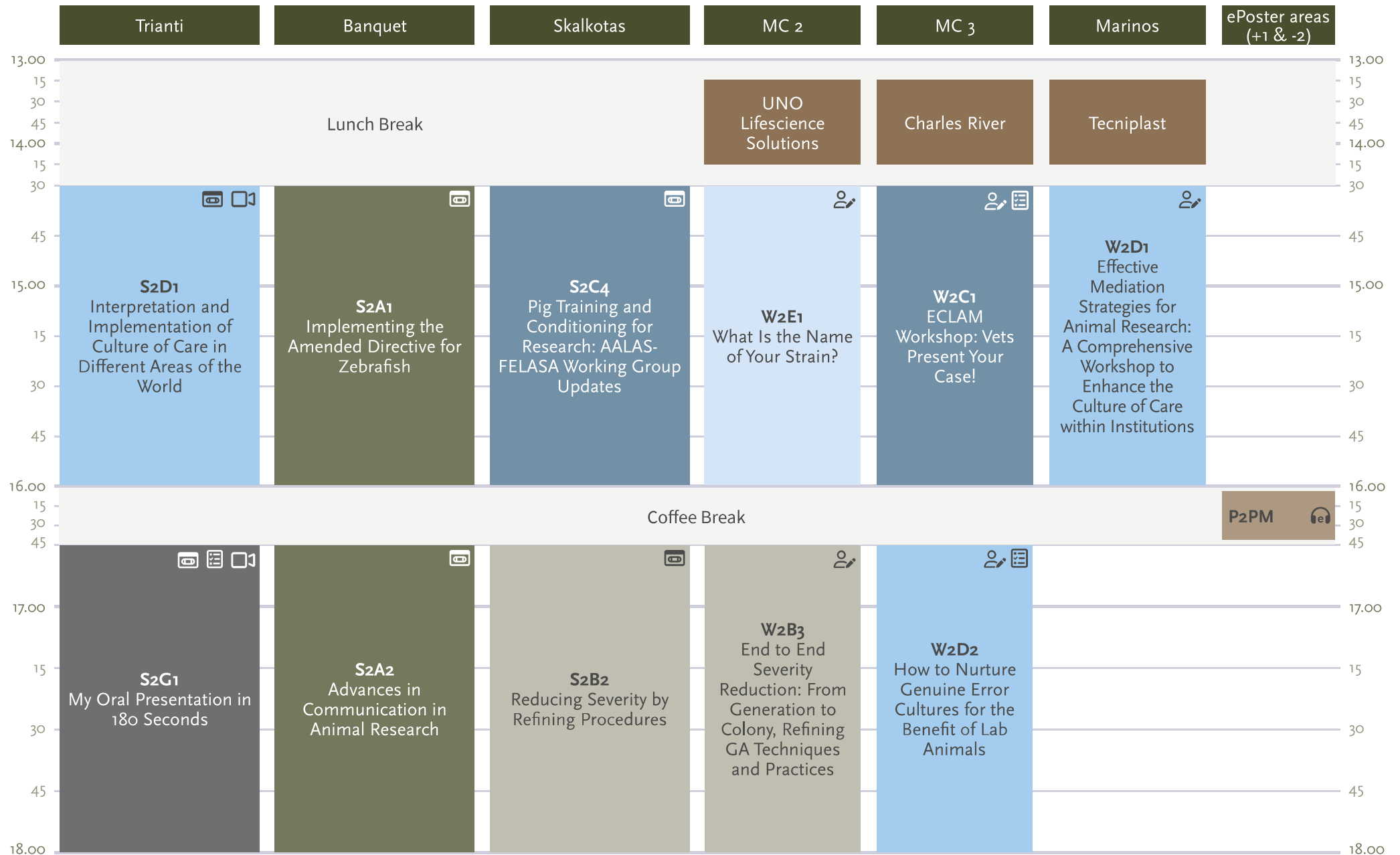
Monday, June 2

MORNING



Monday, June 2

AFTERNOON



Tuesday, June 3

MORNING

	Trianti	Banquet	Skalkotas	MC 2	MC 3	Marinos	ePoster areas (+1 & -2)	
08.00								08.00
15								15
30	S3D1 Animal Welfare Bodies in Europe: A Valuable Partner to Culture of Care	S3B1 Supporting Harm- Benefit Assessments When Using Complex Neuroscience Laboratory Rodent Models	S3F1 A Win-Win Situation for Research Quality and Work Satisfaction: More Involvement of Animal Care Staff	W3C1 Challenges in Rodent Anesthesia	S3C1 3RS in Action: Refining Techniques, Enhancing Training and Optimizing Environments	W3B1 Self-Made Score Sheet or Not? That's the Question		30
45								45
09.00								09.00
15								15
30								30
45	Coffee Break						P3AM	45
10.00								10.00
15	S3E1 Aiming for Better Communication	S3C2 The 3Hs (Housing, Handling and Habituation) Initiative: A Framework to Support Positive Welfare and Reduce Cumulative Suffering in Laboratory Animals	S3A1 Harmonising NHP Research and Legislation Across Europe	W3B2 Using the ETPLAS DOPS for Assessing the Practical Skills of Personnel Working with Laboratory Animals	S3E2 EU Roadmap Towards Phasing Out Animal Testing for Chemical Safety Assessments	W4A1 (repeated) Practical Guidance for Implementation of an Institutional 3RS Strategy		15
30								30
45								45
12.00	K3 Is the Brain in the Goldilocks Zone?							12.00
15								15
30								30
45	Lunch Break – Commercial Workshops see afternoon overview on next page							45
13.00								13.00

Tuesday, June 3

AFTERNOON

	Trianti	Banquet	Skalkotas	MC 2	MC 3	Marinos	ePoster areas (+1 & -2)
13.00		S3E3* Ask Me Anything: “Facility Management” Forum		Scanbur	ALLENTOWN	Idexx	
13.15							
13.30							
13.45							
14.00							
14.15							
14.30							
14.45							
15.00	S3D2 Transparency Agreements as Tools to Promote Ethical Awareness, Culture of Care, and Demonstrate Accountability to the Public	S3C3 Mastering the Art of Clinical Score Sheets	S3B2 Collaborative European Effort on the 3Rs and Animal Welfare in Disease Modelling	W3E1 Running Better Experiments	W3B3 Score Sheets in Aquatics: Let's Swerve Between Species and Models	W3A1 Promoting Accurate Statistical Reports on the Creation and Breeding of Genetically Altered Animals, Including Surplus Animals in the European Union	
15.15							
15.30							
15.45							
16.00							
16.15	Coffee Break						P3PM
16.30							
16.45							
17.00	S3A2 Harm-Benefit Analysis: A Tool for the Assessment of Benefit	S3E4 Managing Animal Studies Under Changing Conditions	S3F2 Competence Assessor Training to Ensure Competency Training and Assessment by Trained Supervisors and Evaluators	W3D1 Focus on Surgical Training: Tools for Those Involved in Training and Assessing Surgical Procedures in Laboratory Animals	S3C4 Innovations in Anesthesia, Surgery and Humane Endpoints	W2D2 (repeated) How to Nurture Genuine Error Cultures for the Benefit of Lab Animals	
17.15							
17.30							
17.45							
18.00							

* a copy of “Practical Management of Research Animal Care and Use Programs”

Wednesday, June 4

MORNING

	Trianti	Banquet	Skalkotas	MC 2	MC 3	Marinos	ePoster areas (+1 & +2)	
08.00								08.00
15								15
30								30
45								45
09.00								09.00
15								15
30								30
45								45
10.00	Coffee Break						P4AM	10.00
15								15
30								30
45								45
11.00								11.00
15								15
30								30
45								45
12.00								12.00
15								15
30								30
45								45
13.00	Lunch Break – Commercial Workshops see afternoon overview on next page							13.00

Wednesday, June 4

AFTERNOON

Trianti		Banquet		Skalkotas		MC 2		MC 3		Marinos		ePoster areas (+1 & -2)					
Lunch Break														Janvier Labs		P4MD	
S4C2 Smart Strategies for Social Housing, Enrichment and Welfare Monitoring		S4D1 Do I Have a Choice? Reconciling Personal and Professional Ethics in Laboratory Animal Science Training		S4B1 Accurate Scoring of Actual Severity / How to Effectively Score Actual Severity		W4A2 Mastering Non-technical Summaries (NTS) Writing: Enhancing Transparency and Ethical Accountability		S4E3 ETPLAS - Promoting Alternatives to Animal Testing Through Accessible and Harmonised Education and Training		W4B3 Focus On Severe Suffering 2 - Retrospective Assessment of Projects Involving Procedures Classified as 'Severe'							
Coffee Break														P4PM			
S4A4 Institutional Transparency in Animal-based Science		S4E4 Refining Animal Models		S4F3 YOU Have the Power to Move Public Beliefs about Animal Research		W4B4 Principles of Rodent Aseptic Surgery: A Practical Approach to Surgical Asepsis and Suturing Techniques		S4E5 FELASA - Its Visions, Missions and Liaisons		W3B2(repeated) Using the ETPLAS DOPS for Assessing the Practical Skills of Personnel Working with Laboratory Animals							

Thursday, June 5

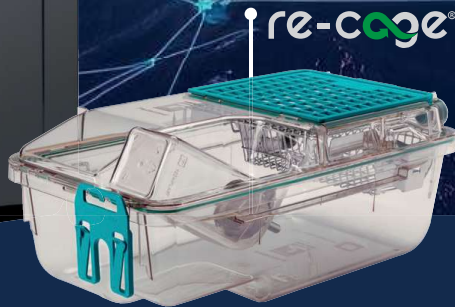
MORNING

	Trianti	Banquet	Skalkotas	MC 2	MC 3	Marinos	ePoster areas (+1 & -2)	
09.00								09.00
15								15
30								30
45	S5C1 3Rs in Laboratory Mouse Breeding	S5A1 Awareness and Accountability in Project Evaluation	S5D1 One Welfare in Action: Supporting Caregivers, Facilities, and Animal Well-Being	W5B1 A Taster of Complex Models in the Classification and Reporting of Severity of Procedures in Complex Surgical Models in Higher Species	S5C2 Improving Welfare and Research Outcomes Through the Refinement in Animal Models	W3B1 (repeated) Self-Made Score Sheet or Not? That's the Question		45
10.00								10.00
15								15
30								30
45								45
11.00	Coffee Break						P5AM	11.00
15								15
30								30
45								45
12.00	S5E1 „The Future Is Here“	S5A2 Accounting for Sex in Animal Experimentation	S5D2 No Excuses Left – Lack of Competence Is Not an Option	W5B2 A Taster of Complex Neuro- Behavioural Rodent Models in the Classification and Reporting of Severity of Procedures	S5C3 The Contribution of the Continuous Professional Development Programmes in Improving Animal Care and Welfare	W4D1 (repeated) Supporting Trainees in Practical Training with Animals: How to Manage Individual Difficulties?		12.00
15								15
30								30
45								45
13.00	HSBLAS 30 Anniversary							13.00
15								15
30								30
45								45
14.00	Closing and Awards Ceremony							14.00

Innovation at Olympus



ZEPHYR



re-cope®



TRITONE XS



VOYAGER

COME VISIT US AND DISCOVER OUR LATEST INNOVATION

 **TECNIPLAST**

SUNDAY, JUNE 1, 2025

IACLAM Day Banquet

09:00 – 09:05

Welcome

Speaker: Patricia Hedenqvist (Uppsala, Sweden)

09:05 – 09:55

S1H1

Changing Legislative Environments

Chair: Jennie Lofgren (Cambridge, United States)

09:05 – 09:35

S1H1.1

How Global Animal Activist and Legislative Trends Impact Animal Research

Speaker: Patricia Turner (Guelph, Canada)

09:35 – 09:50

S1H1.2

Tackling the Legislative Gap for Animals Listed as Invasive Alien Species

Speaker: J. Martje Fentener van Vlissingen (Rotterdam, Netherlands)

10:00 – 11:05

S1H2

Training the Laboratory Animal Vet for Proficiency. Part I

Chair: Vera Baumans (Utrecht, Netherlands)

10:00 – 10:30

S1H2.1

Education and Training of the Laboratory Animal Veterinarian Around the World

Speaker: Gary Borkowski (Frederick, United States)

10:30 – 10:45

S1H2.2

MSc in Laboratory Animal Science and Welfare - A Comprehensive CPD for Veterinary Specialisation

Speaker: Patri Vergara (Barcelona, Spain)

10:45 – 11:00

S1H2.3

Staying True to our Values: Resilience Strategies for Veterinarians Facing Challenges with Compassion Fatigue

Speaker: Nina Trimmel (Linz, Austria)

11:35 – 12:25

S1H3

Training the Laboratory Animal Vet for Proficiency. Part II

Chair: Patricia Hedenqvist (Uppsala, Sweden)

11:35 – 12:05

S1H3.1

The Making of a Specialist: The Designated Veterinarian eModule 24'

Speaker: Ngaire Dennison (Dundee, United Kingdom)

12:05 – 12:20

S1H3.2

In Line, Out of Line, Over the Line - The Many Forms of Leadership

Speaker: Ritamarie Rose (Cambridge, United Kingdom)

13:30 – 14:00

S1H4

The Future of Animal Monitoring

Chair: Gary Borkowski (Frederick, United States)

13:30 – 14:00

S1H4.1

Technical Advances and Data Science for Monitoring Animal Health and Welfare

Speaker: André Bleich (Hannover, Germany)

14:05 – 14:50

S1H5

Best Practices for Anaesthesia, Analgesia and Euthanasia

Chair: Shakthi Devan (Bangalore Karnataka, India)

14:05 – 14:35

S1H5.1

Refinement of Anesthesia, Analgesia, and Euthanasia

Speaker: Cholawat Pacharinsak (Stanford, United States)

14:35 – 14:50

S1H5.2

Evaluating CO₂, CO, and N₂ to Refine Euthanasia Practice and Welfare in Laboratory Rodents

Speaker: Carlos Filipe Moreira (Zürich, Switzerland)

15:30 – 16:05

S1H6

Anaesthesia In Rodents - Oral Presentations

Chair: Cholawat Pacharinsak (Stanford, United States)

15:30 – 15:45

S1H6.1

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

Speaker: Vanessa Bettembourg (Uppsala, Sweden)

15:45 – 16:00	S1H6.2	Effects of Repeated Anesthesia of Laboratory Mice with Isoflurane, Nitrous Oxide and Sevoflurane Speaker: Philipp Villiger (Zürich, Switzerland)
16:10 – 17:00	S1H7	The Veterinary Contribution to Animal Research Chair: Rafael Frias (Solna, Sweden)
16:10 – 16:40	S1H7.1	Synergizing Veterinary and Scientific Practice in Preclinical Animal Research Speaker: Cory Brayton (Baltimore, MD, United States)
16:40 – 16:55	S1H7.2	The Path to Better Science: Resources from Norecopa Speaker: Adrian Smith (Ås, Norway)
17:00 – 17:05		Summary and Conclusion Speaker: Gary Borkowski (Frederick, United States)



D. ANTONIO MATACHANA RESEARCH PRIZES

Encouraging the scientific spirit by acknowledging the most outstanding contributions in the field of medical device reprocessing.



1st
CALL

MIEC | Matachana International Education Center

Connect to MATACHANA to keep up to date with the PRIZES and much more news!



LinkedIn



News

PARTICIPATION
TERMS
& CONDITIONS



www.matachana.com

Workshops

Conference Room 1

09:30 – 10:30	W1B1	Severity Classification and Reporting Under Directive 2010/63/EU - A Train the Trainer Workshop. Part 1 Chair: Dolores Bonaparte (Amsterdam, Netherlands) Co-Chair: Nelleke Verhave (Nijmegen, Netherlands)
09:30 – 09:45		Introduction
09:45 – 10:30		Structure of the FELASA Severity Workshop Roadshow Speakers Speaker: David Anderson (London, United Kingdom) Speaker: Dolores Bonaparte (Amsterdam, Netherlands) Speaker: Sandra Buhl (Cologne, Germany) Speaker: Anne-Dominique Degryse (Puylaurens, France) Speaker: Delphine Denais-Lalievie (Fontenay-aux-Roses, France) Speaker: Damien Gervasoni (Lyon, France) Speaker: Nelleke Verhave (Nijmegen, Netherlands)

10:45 – 13:00	W1B1	Severity Classification and Reporting Under Directive 2010/63/EU - A Train the Trainer Workshop. Part 2 Chair: Dolores Bonaparte (Amsterdam, Netherlands) Co-Chair: Nelleke Verhave (Nijmegen, Netherlands)
10:45 – 11:45		How to Organize and Deliver a Felasa Severity Workshop
11:45 – 12:15		How to Use Point Solutions Voting System
12:15 – 13:00		Possible Problems Encountered Speakers: Speaker: David Anderson (London, United Kingdom) Speaker: Dolores Bonaparte (Amsterdam, Netherlands) Speaker: Sandra Buhl (Cologne, Germany) Speaker: Anne-Dominique Degryse (Puylaurens, France) Speaker: Delphine Denais-Lalievie (Fontenay-aux-Roses, France) Speaker: Damien Gervasoni (Lyon, France) Speaker: Nelleke Verhave (Nijmegen, Netherlands)

14:15 – 15:30	W1B2	FELASA Workshop on the Classification and Reporting of Severity of Procedures using Basic Models. Part 1 Chair: Dolores Bonaparte (Amsterdam, Netherlands) Co-Chair: David Anderson (London, United Kingdom)
14:15 – 15:00		Introduction and Legal Requirements
15:00 – 15:30		Introduction to the Models Prospective Severity Classification - Discussion in Small Groups With Facilitator Speakers Speaker: David Anderson (London, United Kingdom) Speaker: Dolores Bonaparte (Amsterdam, Netherlands) Speaker: Sandra Buhl (Cologne, Germany) Speaker: Anne-Dominique Degryse (Puylaurens, France) Speaker: Delphine Denais-Lalievie (Fontenay-aux-Roses, France) Speaker: Damien Gervasoni (Lyon, France) Speaker: Nelleke Verhave (Nijmegen, Netherlands)

Conference Room 1

15:45 – 18:00	W1B2	FELASA Workshop on the Classification and Reporting of Severity of Procedures using Basic Models. Part 2 Chair: Dolores Bonaparte (Amsterdam, Netherlands) Co-Chair: David Anderson (London, United Kingdom)
---------------	-------------	---

15:45 – 16:45

16:45 – 17:15

17:15 – 18:00

Prospective Severity Classification - Plenary Discussion**Actual Severity Classification - Interactive Presentation Using an Online Voting System****Summary****Speakers:**

Speaker: David Anderson (London, United Kingdom)

Speaker: Dolores Bonaparte (Amsterdam, Netherlands)

Speaker: Sandra Buhl (Cologne, Germany)

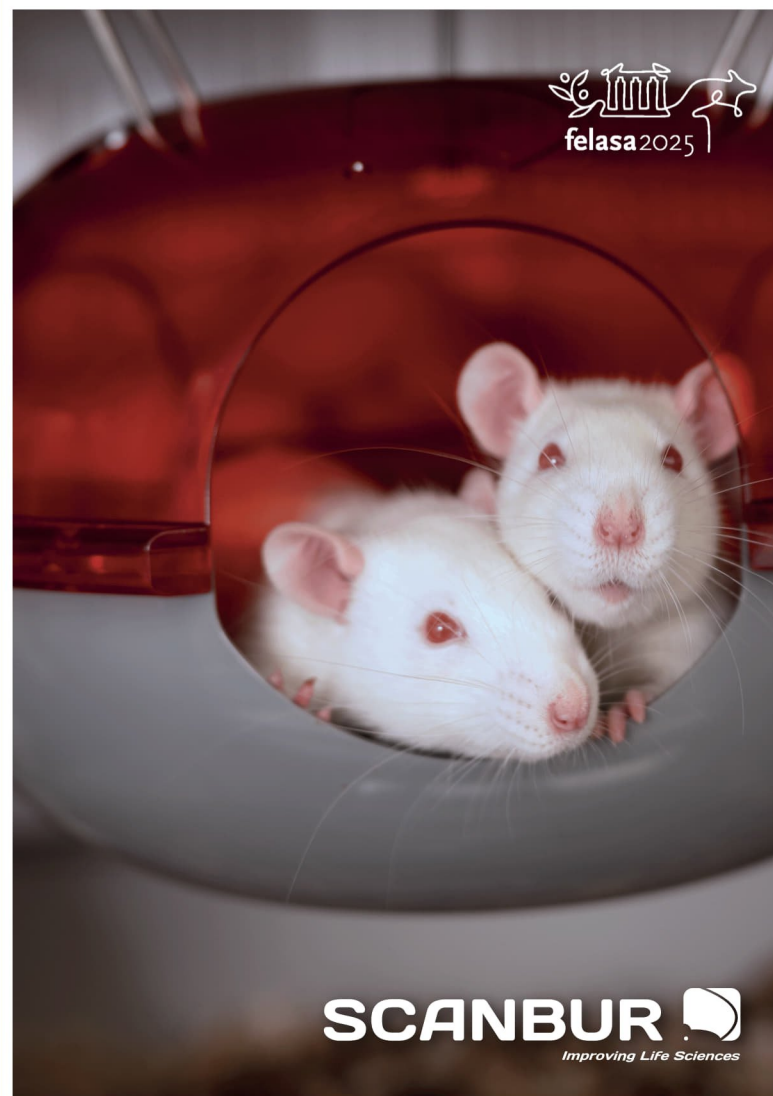
Speaker: Delphine Denais-Lalievre (Fontenay-aux-Roses, France)

Speaker: Anne-Dominique Degryse (Puylaurens, France)

Speaker: Damien Gervasoni (Lyon, France)

Speaker: Nelleke Verhave (Nijmegen, Netherlands)

STOP BY BOOTH #1

LET SCANBUR HELP
YOU IMPROVE LIFE
SCIENCES

MONDAY, JUNE 2, 2025

Trianti

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

Banquet

08:00 – 09:30	S2E1	Experimental Design and Good Practice: Good for Animals, Researchers and Research Chair: Manuel Berdoy (Oxford, United Kingdom) Co-Chair: Jordi L. Tremoleda (London, United Kingdom) Co-Chair: Livia D'Angelo (Naples, Italy)
08:00 – 08:05		Introduction Speaker: Manuel Berdoy (Oxford, United Kingdom)
08:05 – 08:25	S2E1.1	Knowing Better, Doing Better in Experimental Design Education Speaker: Manuel Berdoy (Oxford, United Kingdom)
08:25 – 08:40	S2E1.2	Every Mouse Counts! The Validation of the Experimental Unit in the Focus of 3R Speaker: Miriam A. Vogt (Heidelberg, Germany)
08:40 – 08:55	S2E1.3	We Need to Talk about Sexes - Addressing the Prevalence of Single-Sex Animal Studies Speaker: Nuno Henrique Franco (Porto, Portugal)
08:55 – 09:10	S2E1.4	True Story Telling: (Pre)Registration in Practice Speaker: Julia Menon (Utrecht, Netherlands)
09:10 – 09:30		Concluding Remarks and General Discussion

Skalkotas

08:00 – 09:30	S2C2	Caring for Fish Chair: J-P Mocho (London, United Kingdom) Co-Chair: Chloe Stevens (Horsham, United Kingdom)
08:00 – 08:30	S2C2.1	Developments on Pain Management for Zebrafish from Birth to Death Speaker: Lynne Sneddon (Göteborg, Sweden)
08:30 – 08:50	S2C2.2	The three EEs (Environmental Enrichment Endeavours) Speaker: Claire Allen (Sheffield, United Kingdom)
08:50 – 09:10	S2C2.3	Updates from the Zebrafish Refinement Working Group Speaker: Andrina Zbinden-Hauzenberger (Fribourg, Switzerland)

09:10 – 09:30	S2C2.4	Risk Assessment, Pathogen Reservoirs, and Pathogen Transmission in Zebrafish Facilities Speaker: Marcus Crim (Columbia, MO, United States)
---------------	--------	--

MC 2 Conference Room

08:00 – 09:30	W2B1	RSPCA Roadmap to Reducing Severe Suffering Chair: Penny Hawkins (Horsham, United Kingdom) Co-Chair: Barney Reed (Horsham, United Kingdom)
08:00 – 08:15	W2B1	Introduction to the RSPCA's Roadmap to Reducing Severe Suffering Speaker: Penny Hawkins (Horsham, United Kingdom)
08:15 – 08:20		Introducing the Case Studies Speaker: Barney Reed (Horsham, United Kingdom)
08:20 – 08:40		Round Table Discussions - Using Case Studies to Review Animals' Lifetime Experiences and Identify Refinements Facilitator: Penny Hawkins (Horsham, United Kingdom) Facilitator: Barney Reed (Horsham, United Kingdom)
08:40 – 08:50		Feedback
08:50 – 08:55		Introducing Welfare Assessment Speaker: Penny Hawkins (Horsham, United Kingdom)
08:55 – 09:15		Round Table Discussions - Identifying Tailored Welfare Indicators, for the Same Case Studies Facilitator: Penny Hawkins (Horsham, United Kingdom) Facilitator: Barney Reed (Horsham, United Kingdom)
09:15 – 09:25		Feedback
09:25 – 09:30		Wrap Up Speaker: Penny Hawkins (Horsham, United Kingdom) Speaker: Barney Reed (Horsham, United Kingdom)

MC 3 Conference Room

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

Marinos

08:00 – 09:30	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. Chair: Belén Pintado (Madrid, Spain) Co-Chair: David Anderson (London, United Kingdom)
08:00 – 08:30		Practical Cases Discussed and Solved in Common

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

09:35 – 10:10	P2AM	ePoster Sessions
---------------	-------------	-------------------------

Trianti

10:15 – 11:30	S2E3	<p>'You All Shouldn't Be Here!' – How to Burst the 3R Bubble</p> <p>Chair: Valeska M. Stephan (Rostock, Germany)</p> <p>Co-Chair: Roman M. Stilling (Münster, Germany)</p>
10:15 – 10:25		<p>Introduction</p> <p>Speaker: Valeska M. Stephan (Rostock, Germany)</p>
10:25 – 10:37	S2E3.1	<p>3Rs Implementation in Fundamental Research – a Broad Perspective</p> <p>Speaker: Augusto Vitale (Roma, Italy)</p>
10:37 – 10:49	S2E3.2	<p>3Rs Implementation in Neurosciences</p> <p>Speaker: Christelle Baunez (Marseille, France)</p>
10:49 – 11:01	S2E3.3	<p>Challenges of Applying 3Rs in the Field of Immunology</p> <p>Speaker: Santiago F. Gonzalez (Bellinzona, Switzerland)</p>
11:01 – 11:30		<p>Discussion</p>

Banquet

10:15 – 11:30	S2B1	<p>Reducing Severity in Animal Models</p> <p>Chair: Rene Tolba (Aachen, Germany)</p> <p>Co-Chair: Chryssa Bekiari (Thessaloniki, Greece)</p>
10:15 – 10:18		<p>Introduction</p> <p>Speaker: Rene Tolba (Aachen, Germany)</p>
10:18 – 10:32	S2B1.1	<p>IVF: The Engine of Evolution in the Modern Embryology Lab</p> <p>Speaker: Jean Cozzi (Lyon, France)</p>
10:32 – 10:46	S2B1.2	<p>Non-infectious and Infectious Disease Conditions of NSG and Other Severely Immunodeficient Mouse Strains</p> <p>Speaker: Marcia Hart (Columbia, United States)</p>
10:46 – 11:00	S2B1.3	<p>Balancing Animal Welfare and Disease Pathology in Cholestasis Studies</p> <p>Speaker: Dietmar Zechner (Rostock, Germany)</p>
11:00 – 11:14	S2B1.4	<p>Improved Survival Rates for Swine Undergoing Myocardial Ischemia and Reperfusion Injury</p> <p>Speaker: Alicia McLuckie (Chicago, United States)</p>

Skalkotas

10:15 – 11:30	S2C3	<p>Approaches to Improve the Husbandry of Laboratory Fishes</p> <p>Chair: Xavier Warot (Lausanne, Switzerland)</p> <p>Co-Chair: Livia D'Angelo (Naples, Italy)</p>
10:15 – 10:34	S2C3.1	<p>Life Course Husbandry for Zebrafish</p> <p>Speaker: Claire Allen (Sheffield, United Kingdom)</p>
10:34 – 10:53	S2C3.2	<p>The Core Facility Concept of the Zebrafish Core Facility at Karolinska Institutet</p> <p>Speaker: Lars Bräutigam (Stockholm, Sweden)</p>
10:53 – 11:12	S2C3.3	<p>Advancing Zebrafish Welfare through Innovative Breeding Strategies and Health Monitoring</p> <p>Speaker: Guillaume Valentin (Lausanne, Switzerland)</p>
11:12 – 11:30	S2C3.4	<p>Optimizing the Husbandry of the African turquoise Killifish: A Step Forward in the Standardization</p> <p>Speaker: Elena De Felice (Camerino, Italy)</p>

MC 2 Conference Room

10:15 – 11:30	W2B2	Accuracy and Confidence in Assessment: Constructing DOPS in Practice Chair: Rafael Frias (Solna, Sweden) Co-Chair: Nuno Henrique Franco (Porto, Portugal)
10:15 – 10:25	W2B2.1	Entrustable Professional Activities and Supervision Levels Speaker: Ivo Tiebosch (Utrecht, Netherlands)
10:25 – 10:40	W2B2.2	Establishing Assessment Criteria (Interactive Exercise) Instructor: Ivo Tiebosch (Utrecht, Netherlands) Instructor: Lucy Whitfield (Mildenhall, United Kingdom)
10:40 – 10:55	W2B2.3	Developing DOPS Speaker: Lucy Whitfield (Mildenhall, United Kingdom)
10:55 – 11:15	W2B2.4	Establishing Descriptors in a Framework (Interactive Exercise) Instructor: Ivo Tiebosch (Utrecht, Netherlands) Instructor: Lucy Whitfield (Mildenhall, United Kingdom)
11:15 – 11:30	W2B2.5	Finalising and Using DOPS Speaker: Lucy Whitfield (Mildenhall, United Kingdom)

MC 3 Conference Room

10:15 – 11:30	S2E4	Addressing the Elephant in the Room? The Impact of Personnel Practices on Animal Research Chair: F. Claire Hankenson (Philadelphia, United States) Co-Chair: Hanno Würbel (Bern, Switzerland)
10:15 – 10:20		Introduction Speaker: F. Claire Hankenson (Philadelphia, United States)
10:20 – 10:35	S2E4.1	To Err Is Human: When Animal Work is a Source of Distraction Speaker: F. Claire Hankenson (Philadelphia, United States)
10:35 – 10:50	S2E4.2	Human-Mouse and Mouse-Mouse Interactions in Preclinical Research Speaker: Jeffrey Mogil (Montreal, Canada)
10:50 – 11:05	S2E4.3	Of Mice and Men: How to Deal with Heterogeneity in Animal Research Speaker: Hanno Würbel (Bern, Switzerland)
11:05 – 11:20	S2E4.4	Escaping the “Time Trap” in Reproducibility and Translation: Costs, Barriers, and Solutions for Stakeholders Speaker: Joseph Garner (Stanford, United States)
11:20 – 11:30		Discussion

Marinos

10:15 – 11:30	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. Chair: Belén Pintado (Madrid, Spain) Co-Chair: David Anderson (London, United Kingdom)
10:15 – 11:00		Practical Cases Discussed and Solved in Common Instructor: David Anderson (London, United Kingdom) Instructor: Karim Mesbah (Paris Montpellier, France) Instructor: Belén Pintado (Madrid, Spain)
11:00 – 11:30		Discussion on Specific Topics with Different Interpretations in Previous Statistical Repots Speaker: David Anderson (London, United Kingdom) Instructor: Karim Mesbah (Paris Montpellier, France) Instructor: Belén Pintado (Madrid, Spain)

Trianti

11:45 – 12:00

Opening Ceremony

Opening Words

Speaker: Aurora Brønstad (Norway)

Speaker: Anastasia Tsingotjidou (Thessaloniki, Greece)

Speaker: Vasileios Ntafis (Vari, Greece)

Speaker: J-P Mocho (London, United Kingdom)

Speaker: Katerina Marinou (Athens, Greece)

Trianti

12:00 – 12:30

K2

The Origins of Zoology and Aristotle's Biology

Chair: Anastasia Tsingotjidou (Thessaloniki, Greece)

12:00 – 12:30

K21

The Origins of Zoology and Aristotle's Biology

Keynote: Stasinou Stavrianeas (Athens, Greece)

MC 2 Conference Room

13:15 – 14:15

UNO Lifescience Solutions

Optimizing Chronic Infusion and Sampling Studies: From Surgery to Study Design

Surgical Preparation, Including Anesthesia Considerations

Speaker: Adrian Schmal (Netherlands)

Catheter Design & Placement

Speaker: Ed Hale (Leicester, United Kingdom)

Post Surgical Catheter Care and Study Design

Speaker: Candace Rohde-Johnson (United States)

MC 3 Conference Room

13:15 – 14:15

Charles River

Reproducibility, Timelines, Budgets, AND the 3Rs: Overcoming Challenges for Colony Management

Reproducibility, Timelines, Budgets, AND the 3Rs: Overcoming Challenges for Colony Management

Speaker: Jean Cozzi (Lyon, France)

Marinos

13:15 – 14:15

Tecniplast

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

Chair: Giorgio Rosati (Italy)

Introduction

Speaker: Giorgio Rosati (Italy)

Digital Ventilated Changes!

Speaker: Catriene Thuring (Groningen, Netherlands)

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

Speaker: Xavier Warot (Lausanne, Switzerland)

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

Speaker: Katharina Tillmann (Vienna, Austria)

Trianti

14:30 – 16:00	S2D1	Interpretation and Implementation of Culture of Care in Different Areas of the World Chair: Javier Guillén (Pamplona, Spain) Co-Chair: Helena Paradell (La Vall de Bianya, Spain)
14:30 – 14:50	S2D1.1	Implementing an Effective and Realistic Culture of Care in Europe Speaker: Delphine Denais-Lalievie (Fontenay-aux-Roses, France)
14:50 – 15:10	S2D1.2	A North American Perspective on Interpretation and Implementation of a Culture of Care Speaker: Patricia Turner (Guelph, Canada)
15:10 – 15:30	S2D1.3	Promoting a Culture of Care: Challenges and Opportunities in Asia-Pacific Laboratory Animal Facilities Speaker: Dewi K. Rowlands (Hong Kong, China)
15:30 – 15:50	S2D1.4	The International Culture of Care Network: Sharing and Promotion of Culture of Care Practices Speaker: Cathrine Juel Bundgaard (Ganløse, Denmark)
15:50 – 16:00		Open Discussion

Banquet

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

Skalkotas

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

MC 2 Conference Room

14:30 – 16:00	W2E1	What Is the Name of Your Strain? Chair: Jan-Bas Prins (Leiden, Netherlands) Co-Chair: Viola Galligioni (Amsterdam, Netherlands)
14:30 – 14:50		Introduction to International Guidelines, MGI and IMSR Speaker: Fernando Benavides (Houston, United States) Speaker: Jan-Bas Prins (Leiden, Netherlands)
14:50 – 15:40		Group Work: Assignments on Identifying and Assigning the Correct Strain Name Facilitator: Fernando Benavides (Houston, United States) Facilitator: Viola Galligioni (Amsterdam, Netherlands) Facilitator: Nate Nowak (Cordova, United States) Facilitator: Jan-Bas Prins (Leiden, Netherlands)
15:40 – 16:00		Discussion

MC 3 Conference Room

14:30 – 16:00	W2C1	ECLAM Workshop: Vets Present Your Case! Chair: Argyro Zacharioudaki (Athens, Greece) Co-Chair: Arianna Aricò (Colleretto Giacosa (TO), Italy)
14:30 – 14:45		Veterinary Consultation on Laboratory Animal Care and Use Speaker: Argyro Zacharioudaki (Athens, Greece) Speaker: Arianna Aricò (Colleretto Giacosa (TO), Italy)
14:45 – 15:15		Group Work: Solve Your Case! Facilitator: Joana Almeida (Huntingdon, United Kingdom) Facilitator: Nina Trimmel (Linz, Austria) Facilitator: Michael Wilkinson (Glasgow, United Kingdom)
15:15 – 15:30		Case Discussion: Present Your Case!: Case 1: A Mouse Death in Imaging Speaker: Michael Wilkinson (Glasgow, United Kingdom)
15:30 – 15:45		Case 2: Is the Pathogen the Culprit? Speaker: Nina Trimmel (Linz, Austria)
15:45 – 16:00		Case 3: What Happened to the Pig? Speaker: Joana Almeida (Huntingdon, United Kingdom)

Marinos

14:30 – 16:00	W2D1	Effective Mediation Strategies for Animal Research: A Comprehensive Workshop to Enhance the Culture of Care within Institutions Chair: Marthe Schmit (Luxembourg, Luxembourg) Co-Chair: Astrid Glod (Senningerberg, Luxembourg)
14:30 – 14:50		Introduction and Key Principles of Preventive Mediation and Culture of Care Speaker: Marthe Schmit (Luxembourg, Luxembourg) Speaker: Astrid Glod (Senningerberg, Luxembourg)
14:50 – 15:40		Learning Activities: Role Plays, Group Discussions
15:40 – 16:00		Questions & Answers and Wrap-up

16:05 – 16:40 P2PM ePoster Sessions

Trianti

16:45 – 18:00	S2G1	My Oral Presentation in 180 Seconds Chair: Viola Galligioni (Amsterdam, Netherlands) Co-Chair: Chris Van Ginneken (Brussels, Belgium) Jury: Aurora Brønstad (Norway)
---------------	-------------	--

		Jury: Livia D'Angelo (Naples, Italy) Jury: Delphine Denais-Lalievé (Fontenay-aux-Roses, France) Jury: Helena Paradell (La Vall de Bianya, Spain)
16:45 – 16:50		Introduction Speaker: Viola Galligioni (Amsterdam, Netherlands) Speaker: Chris Van Ginneken (Brussels, Belgium)
16:50 – 16:55	S2G1.1	Challenges in Maintaining Microbial Status of Rodents in Specific Pathogen Free and Conventional Housing Speaker: Debora Rapaport (Tel Aviv, Israel)
16:55 – 17:00	S2G1.2	A Mouse Is Not an Orange Speaker: Kévin P. Dhondt (Saint-Germain-Nuelles, France)
17:00 – 17:05	S2G1.3	Development of a Climbing Test in Mice: A Novel Approach for Assessing Pain-like Behaviour Speaker: Morten Malmberg (Copenhagen, Denmark)
17:05 – 17:10	S2G1.4	Text-based Algorithms for Knowledge Management and Support of the Licensing Process of Animal Experiments Speaker: Annamari Alitalo (Bern, Switzerland)
17:10 – 17:15	S2G1.5	Refinement in Arthritis-spondyloarthritis Mouse Models Speaker: Konstantina Eleni Ninou (Vari, Greece)
17:15 – 17:20	S2G1.6	The 3Rs in 3 Minutes: An Effective Mode of Communication? Speaker: Carly O'Malley (Wilmington, United States)
17:20 – 17:25	S2G1.7	Reducing Severity with a Little Help from My Friends Speaker: Konstantina Eleni Ninou (Vari, Greece)
17:25 – 17:30	S2G1.8	Fish First - Establishing New Rehoming Programs Speaker: Hanna Schöpper (Bonn, Germany)
17:30 – 17:35	S2G1.9	Introducing Sentinel-Free Health Monitoring - About the Importance of Modernizing Established Procedures Speaker: Kevin Weber-Wilk (Heidelberg, Germany)
17:35 – 17:40	S2G1.10	Implementation of the Replacement, Reduction, and Refinement Principles in Noninvasive Hypoxia Model in Rats Speaker: Sara Trnski Levak (Zagreb, Croatia)
17:40 – 17:45	S2G1.11	Refinement and Habituation of Golden Hamsters in Covid-19 Vaccine and Drug Research Speaker: Malan Štrbenc (Ljubljana, Slovenia)

Banquet

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

Skalkotas

16:45 – 18:00	S2B2	Reducing Severity by Refining Procedures
---------------	-------------	---

		Chair: Marcel ter Veld (Leiden, Netherlands) Co-Chair: Amir Rosner (Ness ziona, Israel)
16:45 – 16:50		Introduction
16:50 – 17:05	S2B2.1	Speaker: Marcel ter Veld (Leiden, Netherlands) Refining Animal Experiments: An Extensive Update of the Humane Endpoints Website
17:05 – 17:20	S2B2.2	Speaker: Melissa J.J. van Velthoven (Utrecht, Netherlands) Finding The Needle in The Haystack: Practical Diagnostic Approach To Unexpected Rodent Health Issues
17:20 – 17:45	S2B2.3	Speaker: Marcia Hart (Columbia, United States) Supporting the LAS Surgeon to Succeed - Lessons from Healthcare about Training and Mentoring
17:45 – 18:00	S2B2.4	Speaker: Lucy Whitfield (Mildenhall, United Kingdom) Can We Really Detect Pain in Laboratory Rodents (?) - Perspectives from Pain-Research Speaker: Sara Hestehave (Copenhagen, Denmark)

MC 2 Conference Room

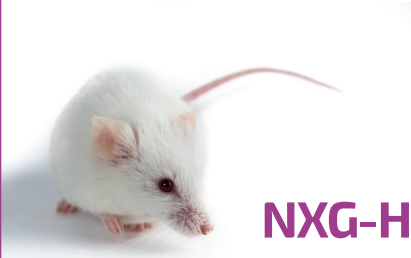
16:45 – 18:00	W2B3	End to End Severity Reduction: From Generation to Colony, Refining GA Techniques and Practices Chair: Michelle Stewart (Oxfordshire, United Kingdom) Co-Chair: Lydia Teboul (Harwell, United Kingdom)
16:45 – 17:10	W2B3.1	Lessening Welfare Issues in Genome Edited Founder Animals Speaker: Lydia Teboul (Harwell, United Kingdom)
17:10 – 17:35	W2B3.2	End to End Severity Reduction: From Generation to Colony, Refining GA Techniques and Practices Speaker: Michelle Stewart (Oxfordshire, United Kingdom)
17:35 – 18:00	W2B3.3	Disease Positioning GA Models - Impact on Severity Speaker: Sara Wells (Harwell, United Kingdom)

MC 3 Conference Room

16:45 – 18:00	W2D2	How to Nurture Genuine Error Cultures for the Benefit of Lab Animals Chair: Florian Alexander Dehmelt (Tuebingen, Germany) Co-Chair: Sally Robinson (Manchester, United Kingdom)
16:45 – 16:50		Introduction
16:50 – 16:55	W2D2.1	Speaker: Florian Alexander Dehmelt (Tuebingen, Germany) The Elephant in the Room – Mistakes that Were, Are, and Will Be Made
16:55 – 17:00	W2D2.2	Speaker: Caroline Johner (Freiburg, Germany) Redefining Animal Welfare – The Impact of Critical Incident Reflection
17:00 – 17:05	W2D2.3	Speaker: Sabine Juliane Bischoff (Duesseldorf, Germany) Scientific Benefits of Better Error Management
17:05 – 17:10	W2D2.4	Speaker: Natascha Drude (Berlin, Germany) Creating a Culture of Care and Learning through Open Reporting of Events
17:10 – 17:15	W2D2.5	Speaker: Sally Robinson (Manchester, United Kingdom) Mistaken Assumptions – How Public Science Communication Shapes Error Cultures in the Lab
17:15 – 17:35		Speaker: Florian Alexander Dehmelt (Tuebingen, Germany) Discussion of Issues Among Participants
17:35 – 18:00		Debate

DISCOVER ALL OF OUR LATEST MODELS AT BOOTH #8!

- KNOCK-IN HUMANIZED
- HUMANIZED IMMUNE SYSTEM (HIS)
 - LIVER-HUMANIZED
 - IMMUNODEFICIENT
 - PATHOLOGICAL
 - WILD TYPE



NXG-HIS mouse

Humanized CD34+ mice are the epitome of mice models in terms of surrogate models for humans. Application field ranges from immunology, oncology, infectious diseases and more. This innovative approach bridges the gap between in vitro studies and clinical trials, providing a platform for more accurate and translational investigations in immunology and regenerative medicine.

In that frame, NXG-HIS mice are your best ally for all your research by relying on one of the best immunodeficient models and an optimized protocol allowing for the **optimal development of multi-lineage human immune cells**.

NXG hIL-15 mouse

The hIL-15 NXG model was developed by replacing the murine Il15 gene with the human IL15 gene in the NXG strain.

Its combined mutations lead to severe immunodeficiency with the absence of T, B, and NK cells. Additionally, the strain expresses the NOD variant of the Sirpa gene, enhancing cross-recognition between murine macrophages and human cells, thereby reducing the phagocytosis of transplanted human cells. This model exhibits physiological hIL-15 expression, with a resting serum level of approximately 80 pg/mL, rising to 400 pg/mL in response to inflammation and immune activation. **This response closely mirrors human physiological conditions compared to other strains.**



NRG cKit mouse

The NRG-cKit is a model with severe immunodeficiency, based on a NOD background and incorporating three mutations. Two of these mutations are Knock Out (KO) mutations affecting the *Il2rg* gene (interleukin-2 receptor subunit gamma) and the *Rag2* gene (recombination activating gene 2), along with a V831M point mutation in the *Kit* gene.

The NRG-cKit strain stands out as one of the most severe immunodeficient models, exhibiting a complete absence of T, B, and NK lymphocyte compartments, an enhanced phagocytic tolerance, and **enabling humanization without myeloablation**.

TUESDAY, JUNE 3, 2025

Trianti

08:00 – 09:30	S3D1	Animal Welfare Bodies in Europe: A Valuable Partner to Culture of Care Chair: Ana Isabel Santos (Lisboa, Portugal) Co-Chair: Penny Hawkins (Horsham, United Kingdom)
08:00 – 08:20	S3D1.1	15 Years of AWB in Europe Speaker: Vootele Voikar (Helsinki, Finland)
08:20 – 08:40	S3D1.2	How the National AWB Networks Have Built Together a European Network Speaker: Ana Isabel Santos (Lisboa, Portugal)
08:40 – 09:00	S3D1.3	RedeORBEA - The Portuguese Animal Welfare Bodies Network. A Sum Greater Than its Parts Speaker: Nuno Henrique Franco (Porto, Portugal)
09:00 – 09:20	S3D1.4	The French Guide for the Animal Welfare Bodies Speaker: Delphine Denais-Lalievie (Fontenay-aux-Roses, France)

Banquet

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

Skalkotas

08:00 – 09:30	S3F1	A Win-Win Situation for Research Quality and Work Satisfaction: More Involvement of Animal Care Staff Chair: Fernando Gonzalez Uarquin (Mainz, Germany) Co-Chair: Paulin Jirkof (Zurich, Switzerland)
08:00 – 08:20	S3F1.1	Involvement of Animal Caretakers and Technicians in the Planning and Conduction of Animal Experiments Speaker: Sophie Schober (Klosterneuburg, Austria)
08:20 – 08:40	S3F1.2	The Quality of Animal Research Depends on All Active Players Speaker: Bettina Bert (Berlin, Germany)
08:40 – 09:00	S3F1.3	The Role of Technicians in Qualitative Assessment of Animal Welfare and its Subjective Experience Speaker: Augusto Vitale (Roma, Italy)
09:00 – 09:30		Discussion

MC 2 Conference Room

08:00 – 09:30	W3C1	Challenges in Rodent Anesthesia
---------------	-------------	--

08:00 – 09:30	Chair: Cholawat Pacharinsak (Stanford, United States)	
	Co-Chair: Patrick Sharp (West Lafayette, United States)	
	Challenges in Rodent Anesthesia	
	Instructor: Cholawat Pacharinsak (Stanford, United States)	
	Instructor: Patrick Sharp (West Lafayette, United States)	

MC 3 Conference Room

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

Marinos

08:00 – 09:30	W3B1	Self-Made Score Sheet or Not? That's the Question Chair: Philippe Bugnon (Zürich, Switzerland) Co-Chair: Maike Heimann (Zürich, Switzerland)
08:00 – 08:15		Introduction Speaker: Maike Heimann (Zürich, Switzerland) Speaker: Philippe Bugnon (Zürich, Switzerland)
08:15 – 09:30		Interactive Session Speaker: Maike Heimann (Zürich, Switzerland) Speaker: Philippe Bugnon (Zürich, Switzerland)

09:35 – 10:10	P3AM	ePoster Sessions
---------------	-------------	-------------------------

Trianti

10:15 – 11:30	S3E1	Aiming for Better Communication Chair: Marcel ter Veld (Leiden, Netherlands) Co-Chair: Thorsten Buch (Schlieren, Switzerland)
10:15 – 10:30	S3E1.1	Empowering Scientists and Techs to Talk Confidently about Animal Research on Social Media Speaker: Mary Harvie (London, United Kingdom)
10:30 – 10:45	S3E1.2	Supporting Replacement in Academia: Exploring Barriers Around the Acceptance and Uptake of Non-animal Methods Speaker: Barney Reed (Horsham, United Kingdom)

10:45 – 11:00	S3E1.3	The Animal Research Conversation: How Talking in Schools Can Change Beliefs about Animal Research Speaker: Wendy Jarrett (London, United Kingdom)
11:00 – 11:15	S3E1.4	Advancing Laboratory Animal Science Education: Virtual Reality for Practical Skill Training in FELASA Courses Speaker: Julia Steitz (Aachen, Germany)
11:15 – 11:30	S3E1.5	2018 - 2022 Implementation Report under Directive 2010/63/EU – Are we making progress? Speaker: David Anderson (London, United Kingdom)

Banquet

10:15 – 11:30	S3C2	The 3Hs (Housing, Handling and Habituation) Initiative: A Framework to Support Positive Welfare and Reduce Cumulative Suffering in Laboratory Animals Chair: Emma Robinson (Bristol, United Kingdom) Co-Chair: Julia Bartlett (Bristol, United Kingdom)
10:15 – 10:35	S3C2.1	The 3Hs Initiative: Introduction to the Concept and Framework Speaker: Megan Jackson (Bristol, United Kingdom)
10:35 – 10:55	S3C2.2	Apply the Principles of the 3Hs for the Management of Laboratory Rodents Speaker: Julia Bartlett (Bristol, United Kingdom)
10:55 – 11:15	S3C2.3	Use of Behavioural Training and Habituation to Support Refined Methods in Large Animal Species Speaker: Cathrine Juel Bundgaard (Ganløse, Denmark)
11:15 – 11:30		Panel discussion: Barriers and solutions for implementing the 3Hs

Skalkotas

10:15 – 11:30	S3A1	Harmonising NHP Research and Legislation Across Europe Chair: Kirk Leech (London, United Kingdom)
10:15 – 10:20		Introduction and Objectives Speaker: Kirk Leech (London, United Kingdom)
10:20 – 10:35	S3A1.1	The Impact of Current Legislative Practices on Non-human Primate Research in Germany and Europe Speaker: Kristine Krug (Magdeburg, Germany)
10:35 – 10:50	S3A1.2	From Policies to Public Opinion: Public Engagement and the Future of Non-Human Primate Research Speaker: Luca Bonini (Parma, Italy)
10:50 – 11:05	S3A1.3	Coordination of Research Laboratories in Response to Current NHPs Legislative Practices Speaker: Thomas Brochier (Marseille, France)
11:05 – 11:30		Discussion

MC 2 Conference Room

10:15 – 11:30	W3B2	Using the ETPLAS DOPS for Assessing the Practical Skills of Personnel Working with Laboratory Animals Chair: Jan-Bas Prins (Leiden, Netherlands) Co-Chair: Anne-Dominique Degryse (Puylaurens, France)
10:15 – 10:25	W3B2.1	ETPLAS Working Group on DOPS Development for Practical Skills Assessment – Introduction and Overview Speaker: Rafael Frias (Solna, Sweden)
10:25 – 10:35	W3B2.2	Understanding the ETPLAS DOPS Speaker: Ivo Tiebosch (Utrecht, Netherlands)
10:35 – 10:45	W3B2.3	Practical application of the ETPLAS DOPS Speaker: Lucy Whitfield (Mildenhall, United Kingdom)
10:45 – 11:30	W3B2.4	Case Studies and Real-world Application

Speaker: Andreia Costa (Porto, Portugal)

MC 3 Conference Room

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

Marinos

10:15 – 11:30	W4A1 (repeated)	Practical Guidance for Implementation of an Institutional 3RS Strategy Chair: Ngaire Dennison (Dundee, United Kingdom) Co-Chair: Anja Petrie (Aberdeen, United Kingdom)
10:15 – 10:30	W4A1.1	Interactive: Setting the Scene – Openness and Transparency Facilitator: Ngaire Dennison (Dundee, United Kingdom) Facilitator: Anja Petrie (Aberdeen, United Kingdom)
10:30 – 10:45	W4A1.2	Review of Replacement Projects at an Institute; How Can We Do It? Facilitator: Anja Petrie (Aberdeen, United Kingdom)
10:45 – 10:55	W4A4.3	How Can a 3RS Organisation Help? Facilitator: Juliet Dukes (Nottingham, United Kingdom)
10:55 – 11:30		Interactive: Practical implementation and benchmarking Led by speakers Practical examples that explore the questions: <ul style="list-style-type: none"> - 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? Facilitator: Ngaire Dennison (Dundee, United Kingdom) Facilitator: Juliet Dukes (Nottingham, United Kingdom) Facilitator: Anja Petrie (Aberdeen, United Kingdom)

Trianti

11:45 – 12:30	K3	Is the Brain in the Goldilocks Zone? Chair: Aurora Brønstad (Norway)
11:45 – 12:30	K31	Is the Brain in the Goldilocks Zone? Keynote: George Paxinos (Sydney, Australia)

Banquet

13:00 – 14:15	S3E3	Ask Me Anything: “Facility Management” Forum Chair: Vasileios Ntakis (Vari, Greece) Co-Chair: Eirini Fragkiadaki (Athens, Greece)
13:00 – 13:25	S3E3.1	Facility Construction and Reconstruction Challenges

13:25 – 13:50	S3E3.2	Speaker: Jan Honetschläger (Prague, Czech Republic) Leadership and Team Management: Creating Excellence in Laboratory Animal Science
13:50 – 14:15	S3E3.3	Speaker: Maria Kamper (Manchester, United Kingdom) Care and Welfare of Animals Speaker: Ngaire Dennison (Dundee, United Kingdom)

MC 2 Conference Room

13:15 – 14:15	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 Speaker: Silvia Morar (Denmark) Novel Studies Into the Effect of Controlling Home Cage Relative Humidity on Animal Welfare and Study Reproducibility Speaker: Hannah Louise Zakariassen (Copenhagen, Denmark)
---------------	---

MC 3 Conference Room

13:15 – 14:15	Allentown Mind the Mouse: A Human vs AI Challenge Inside the Cage Chair: Mike Hill (Adelaide, Australia) Allentown Mind the Mouse: A Human vs AI Challenge Inside the Cage Speaker: Noah Ditto (Bar Harbor, United States)
---------------	---

Marinos

13:15 – 14:15	Idexx Embrace Your Inner Socrates With IDEXX Bioanalytics: Discover What You Do Not Know About Environmental Methods of Animal Health Monitoring Chair: Massimo Foa (Germany) Embrace Your Inner Socrates With IDEXX Bioanalytics: Discover What You Do Not Know About Environmental Methods of Animal Health Monitoring Speaker: Sarah Hansen (Columbia, United States) Speaker: Marcia Hart (Columbia, United States)
---------------	---

Trianti

14:30 – 16:00	S3D2 Transparency Agreements as Tools to Promote Ethical Awareness, Culture of Care, and Demonstrate Accountability to the Public Chair: Inês Serrenho (London, United Kingdom) Co-Chair: Kirk Leech (London, United Kingdom)
14:30 – 14:33	Introduction Speaker: Inês Serrenho (London, United Kingdom)
14:33 – 14:45	S3D2.1 Pioneering Transparency in Animal Research: Promoting Openness, Ethical Accountability and a Culture of Care Speaker: Kirk Leech (London, United Kingdom)
14:45 – 14:55	S3D2.2 Portugal's Path to Transparency: How Openness Enhances Ethical Standards and Promotes Culture of Care Speaker: Ana Isabel Santos (Lisboa, Portugal)
14:55 – 15:05	S3D2.3 Balancing Ambition and Reality in 3R policy: Challenges and Opportunities in the Netherlands Speaker: Monique Havermans (Stockholm, Sweden)

15:05 – 15:15	S3D2.4	How Sharing Balanced Information Builds Trust in Science: A UK Concordat on Openness Perspective Speaker: Hannah Hobson (London, United Kingdom)
15:15 – 15:45		Panel Discussion Speaker: Kirk Leech (London, United Kingdom)
15:45 – 15:55		Questions from the Audience

Banquet

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

Skalkotas

14:30 – 16:00	S3B2	Collaborative European Effort on the 3Rs and Animal Welfare in Disease Modelling Chair: Sabine Hölter (Munich, Germany) Co-Chair: Vasileios Ntakis (Vari, Greece)
14:30 – 14:50	S3B2.1	INFRAFRONTIER - The European Research Infrastructure for Modelling Human Diseases Speaker: Asrar Ali Khan (Munich, Germany)
14:50 – 15:10	S3B2.2	Linking State-of-the-Art Cryopreservation to Animal Welfare Speaker: Auke Boersma (Vienna, Austria)
15:10 – 15:30	S3B2.3	How can we apply Reduction and Refinement in Systemic Analysis of Mouse Phenotyping? Speaker: Tania Sorg-Guss (Illkirch, France)
15:30 – 15:50	S3B2.4	Replacement of Mouse Models by Using Organoids and 3D-Bioprinting in Basic Gastrointestinal Research Speaker: Maik Dahlhoff (Vienna, Austria)

MC 2 Conference Room

14:30 – 16:00	W3E1	Running Better Experiments Chair: Derek John Fry (Manchester, United Kingdom) Chair: Nuno Henrique Franco (Porto, Portugal)
14:30 – 14:40	W3E1.1	Key Concepts in the Outputs from the FELASA Experimental Design Working Group Speaker: Derek John Fry (Manchester, United Kingdom)
14:40 – 14:50	W3E1.2	How Early Years Researchers Responded to These Speaker: Monica Forni (Bologna, Italy)
14:50 – 15:00	W3E1.3	Double Trouble? Tackling Misgivings about Size of Experiments Including Both Sexes and/or Two Strains Speaker: Nuno Henrique Franco (Porto, Portugal)
15:00 – 15:40		Group Activities in Parallel: Matching Designs to Experimental Scenarios and Determining Experimental Units Facilitator: Derek John Fry (Manchester, United Kingdom) Sizing of Randomised Block and Simple Factorial Experiments

Facilitator: Nuno Henrique Franco (Porto, Portugal)

Demonstrating the Principles of Analysis for 2-Factor Designs

Facilitator: Manuel Berdoy (Oxford, United Kingdom)

Facilitator: Monica Forni (Bologna, Italy)

15:40 – 16:00

Plenary

MC 3 Conference Room

14:30 – 16:00	W3B3	Score Sheets in Aquatics: Let's Swerve Between Species and Models Chair: J-P Mocho (London, United Kingdom) Co-Chair: Claire Allen (Sheffield, United Kingdom)
14:30 – 14:55	W3B3.1	Score Sheets for African Turquoise Killifish Speaker: Livia D'Angelo (Naples, Italy)
14:55 – 15:20	W3B3.2	Population Assessment- Let's Score Ageing Zebrafish in Relation to their Strain Speaker: Bettina Kirchmaier (Frankfurt am Main, Germany)
15:20 – 15:40	W3B3.3	Score Sheets in Aquatics: Let's Swerve Between Species and Models Speaker: J-P Mocho (London, United Kingdom)
15:40 – 16:00		Group Activities

Marinos

14:30 – 16:00	W3A1	Promoting Accurate Statistical Reports on the Creation and Breeding of Genetically Altered Animals, Including Surplus Animals in the European Union Chair: Belén Pintado (Madrid, Spain) Co-Chair: David Anderson (London, United Kingdom)
14:30 – 14:50		Introductory Talk with Quiz Speaker: Belén Pintado (Madrid, Spain)
14:50 – 15:15		Practical Cases Discussed in Subgroups Instructor: David Anderson (London, United Kingdom) Instructor: Karim Mesbah (Paris Montpellier, France) Instructor: Belén Pintado (Madrid, Spain)
15:15 – 16:00		Practical Cases Presented and Discussed in Common Instructor: David Anderson (London, United Kingdom) Instructor: Karim Mesbah (Paris Montpellier, France) Instructor: Belén Pintado (Madrid, Spain)

16:05 – 16:40	P3PM	ePoster Sessions
---------------	-------------	-------------------------

Trianti

16:45 – 18:00	S3A2	Harm-Benefit Analysis: A Tool for the Assessment of Benefit Chair: Patricia Turner (Guelph, Canada) Co-Chair: Javier Guillén (Pamplona, Spain)
16:45 – 16:50		Introduction Speaker: Patricia Turner (Guelph, Canada)
16:50 – 17:00	S3A2.1	Background Speaker: Javier Guillén (Pamplona, Spain)
17:00 – 17:15	S3A2.2	Assessment of Benefit from Ethics Committee's Perspective Speaker: Marion Berard (Paris, France)
17:15 – 17:30	S3A2.3	Assessment of Benefit from Scientist's Perspective Speaker: Pavlina Pavlidi (Athens, Greece)
17:30 – 17:45	S3A2.4	Proposed Benefit Assessment Matrix Speaker: Penelope S Reynolds (Gainesville, FL, United States)
17:45 – 18:00		Discussion

Banquet

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

Skalkotas

16:45 – 18:00	S3F2	Competence Assessor Training to Ensure Competency Training and Assessment by Trained Supervisors and Evaluators Chair: Katrin Schutte (Brussels, Belgium) Co-Chair: Nuno Henrique Franco (Porto, Portugal)
16:45 – 17:00	S3F2.1	Why Learning Outcomes for Competence Assessors Speaker: Katrin Schutte (Brussels, Belgium)
17:00 – 17:15	S3F2.2	Education, Training, and Competence in Laboratory Animal Science Speaker: Rafael Frias (Solna, Sweden)
17:15 – 17:30	S3F2.3	Learning Outcomes for a Competence Assessor Speaker: Ivo Tiebosch (Utrecht, Netherlands)
17:30 – 17:45	S3F2.4	Training Competence Assessors Speaker: Felicia van der Flier (Utrecht, Netherlands)
17:45 – 18:00		Discussion

MC 2 Conference Room

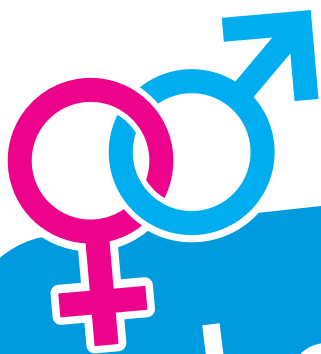
16:45 – 18:00	W3D1	Focus on Surgical Training: Tools for Those Involved in Training and Assessing Surgical Procedures in Laboratory Animals Chair: Sara Wells (Harwell, United Kingdom) Co-Chair: Agustina Resasco (London, United Kingdom)
16:45 – 17:00		General Guidance for Training a Successful Laboratory Animal Surgeon Speaker: Agustina Resasco (London, United Kingdom)
17:00 – 17:25		Design of a Surgical DOPS Speaker: Agustina Resasco (London, United Kingdom) Speaker: Helen Bailey (London, United Kingdom) Speaker: Clare Brazill-Adams (London, United Kingdom) Speaker: Hannah Easter (London, United Kingdom) Speaker: Arturo Fernandez (London, United Kingdom)
17:25 – 17:45		Case Studies and Troubleshooting: Group Discussion Solving Real Case Scenarios Speaker: Agustina Resasco (London, United Kingdom) Speaker: Helen Bailey (London, United Kingdom) Speaker: Clare Brazill-Adams (London, United Kingdom) Speaker: Hannah Easter (London, United Kingdom) Speaker: Arturo Fernandez (London, United Kingdom)
17:45 – 18:00		Developing Educational Resources to Assist Trainees Speaker: Helen Bailey (London, United Kingdom)

MC 3 Conference Room

16:45 – 18:00	S3C4	Innovations in Anesthesia, Surgery and Humane Endpoints Chair: Ismene Dontas (Athens, Greece) Co-Chair: Rene Tolba (Aachen, Germany)
16:45 – 16:46		Introduction Speaker: Ismene Dontas (Athens, Greece)
16:46 – 16:58	S3C4.1	Systematic Review of Guidelines for Good Surgical Practice in Experimental Rodent Surgery Speaker: Tim Buchholz (Leipzig, Germany)
16:58 – 17:10	S3C4.2	The OBSERVE Guidelines: Oncology Best-practices: Signs, Endpoints and Refinements for in Vivo experiments Speaker: Stéphanie De Vleeschauwer (Leuven, Belgium)
17:10 – 17:22	S3C4.3	Repetitive Isoflurane Anaesthesia Alters the Behaviour and Brain Cellular and Vascular Integrity in Mice Speaker: Jordi L. Tremoleda (London, United Kingdom)
17:22 – 17:34	S3C4.4	Evaluating CO₂, CO, and N₂ to Refine Euthanasia Practice and Welfare in Laboratory Rodents Speaker: Carlos Filipe Moreira (Zürich, Switzerland)
17:34 – 17:46	S3C4.5	Development of a Neonatal Piglet Model for Brain Injury Assessment in Cardiac Surgery Speaker: Jordi Grífols (Badalona, Spain)
17:46 – 17:47		Wrap-up

Marinos

16:45 – 18:00	W2D2 (repeated)	How to Nurture Genuine Error Cultures for the Benefit of Lab Animals Co-Chair: Sally Robinson (Manchester, United Kingdom) Chair: Florian Alexander Dehmelt (Tuebingen, Germany)
16:45 – 16:50		Introduction Speaker: Florian Alexander Dehmelt (Tuebingen, Germany)
16:50 – 16:55	W2D2.1	The Elephant in the Room – Mistakes that Were, Are, and Will Be Made Speaker: Caroline Johner (Freiburg, Germany)
16:55 – 17:00	W2D2.2	Redefining Animal Welfare – The Impact of Critical Incident Reflection Speaker: Sabine Juliane Bischoff (Duesseldorf, Germany)
17:00 – 17:05	W2D2.3	Scientific Benefits of Better Error Management Speaker: Natascha Drude (Berlin, Germany)
17:05 – 17:10	W2D2.4	Creating a Culture of Care and Learning through Open Reporting of Events Speaker: Sally Robinson (Manchester, United Kingdom)
17:10 – 17:15	W2D2.5	Mistaken Assumptions – How Public Science Communication Shapes Error Cultures in the Lab Speaker: Florian Alexander Dehmelt (Tuebingen, Germany)
17:15 – 17:35		Discussion of Issues Among Participants
17:35 – 18:00		Debate



Let's Talk About Sex

(sex bias in preclinical research)



Omitting one sex during *in vivo* research can skew results as well as raise ethical concerns regarding the 3Rs. Visit booth #6 to take our quiz and learn more. For every quiz completed, Charles River will donate 5€ to the World Wide Fund for Nature (WWF).

WEDNESDAY, JUNE 4, 2025

Trianti

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

Banquet

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

Skalkotas

08:00 – 09:30	S4F1	HSBLAS Session: How to Train Your Mouse and Rat? Chair: Vasileios Ntakis (Vare, Greece) Co-Chair: Argyro Zacharioudaki (Athens, Greece)
08:00 – 08:20	S4F1.1	Introduction: Training Rodents – Principles and Challenges Speaker: Dorte B. Sørensen (Frederiksberg C, Denmark)
08:20 – 08:40	S4F1.2	A Mouse Case: Micropipette-guided Drug Administration as Alternative to Oral Gavage Speaker: Paulin Jirkof (Zurich, Switzerland)
08:40 – 09:00	S4F1.3	A Rat Case: Voluntary Cage Change Speaker: Nadine Baumgart (Mainz, Germany)
09:00 – 09:20		Discussion: Feasibility and Limitations of Training Laboratory Mice and Rats

MC 2 Conference Room

08:00 – 09:30	W4D1	Supporting Trainees in Practical Training with Animals: How to Manage Individual Difficulties? Chair: Andreia Costa (Porto, Portugal) Co-Chair: Anna Olsson (Porto, Portugal)
08:00 – 08:10		Introduction to the Topic and Workshop Approach Speaker: Andreia Costa (Porto, Portugal) Speaker: Anna Olsson (Porto, Portugal) Speaker: Júlio Borlido Santos (Porto, Portugal)
08:10 – 09:10		Group Activities: Troubleshooting and Solving Case Scenarios - Distribution of Materials and Tasks - Facilitated Discussion About Hypothetical Trainee Profiles - Mapping Group Outputs Speaker: Andreia Costa (Porto, Portugal) Speaker: Anna Olsson (Porto, Portugal) Speaker: Júlio Borlido Santos (Porto, Portugal)
09:10 – 09:30		Collective Discussion of Group Work

MC 3 Conference Room

08:00 – 09:30	S4A1	Lights and Shadows of Twelve Years of Genetically Altered Animals Under the Scope of Directive 2010/63 Chair: Belén Pintado (Madrid, Spain) Co-Chair: Karim Mesbah (Paris Montpellier, France)
08:00 – 08:03		Introduction Speaker: Belén Pintado (Madrid, Spain)
08:03 – 08:28	S4A1.1	Implementing Directive 2010/63 on Genetically Altered Animals in France: Lessons from Experience Speaker: Karim Mesbah (Paris Montpellier, France)
08:28 – 08:53	S4A1.2	Reporting on the Creation, Breeding and Use of Genetically Altered Animals under Directive 2010/63/EU Speaker: David Anderson (London, United Kingdom)
08:53 – 09:18	S4A1.3	To Be or Not To Be...Harmful: The Dilemma within Welfare Assessment of GM Mice Speaker: Sara Fuochi (Apt, France)
09:18 – 09:28	S4A1.4	Different Humanised Mouse Models for Different Applications: Pros, Cons and Severity Speaker: Jonathan Papworth (Cambridge, United Kingdom)

Marinos

08:00 – 09:30	W4B1	Focus on Severe Suffering 1 - Identifying Sub-Lethal Clinical Signs in Fishes Chair: Penny Hawkins (Horsham, United Kingdom) Co-Chair: Barney Reed (Horsham, United Kingdom)
08:00 – 08:20	W4B1.1	An Alternative Approach to Minimising Harms Speaker: Chris Ramsden (Manningtree, United Kingdom)
08:20 – 08:40	W4B1.2	Approaches to Refining the Fish Acute Toxicity Test Speaker: Ioanna Katsiadaki (Weymouth, United Kingdom)
08:40 – 09:00	W4B1.3	Reducing Severe Suffering in Regulatory Toxicology Testing Using Fishes Speaker: Chloe Stevens (Horsham, United Kingdom)
09:00 – 09:30	W4B1.4	Structured Discussion Session, Including Actions for Those With Different Roles to Help Further Refine Humane Endpoints and Their Implementation Facilitator: Penny Hawkins (Horsham, United Kingdom) Facilitator: Barney Reed (Horsham, United Kingdom)

09:35 – 10:10	P4AM	ePoster Sessions
---------------	-------------	-------------------------

Trianti

10:15 – 11:30	S4A2	Transparency - A Tool to Assess, Analyse and Take Action! Chair: Milena Mennecozzi (Ispra, Italy) Co-Chair: Susanna Louhimies (Brussels, Belgium)
10:15 – 10:40	S4A2.1	The EU Transparency Framework and its ALURES Databases Speaker: Susanna Louhimies (Brussels, Belgium)
10:40 – 11:05	S4A2.2	Use of ALURES Non-technical Summaries for improving the REPLACEMENT in Cardiovascular Disease Research Speaker: Annalisa Gastaldello (Ispra, Italy)
11:05 – 11:30	S4A2.3	Using the ALURES Database for Developing Indicators to Monitor the Impact of EU Legislation Speaker: Alessandro Carletti (Ispra, Italy)

Banquet

10:15 – 11:30	S4A3	Multiple Factors Influencing Experimental Design Chair: Cristin Coman (Bucharest, Romania) Co-Chair: Amir Rosner (Ness ziona, Israel)
10:15 – 10:30	S4A3.1	Microbial Contamination of Biological Materials: A Risk for Animal Research and the Reproducibility Crisis Speaker: Marcus Crim (Columbia, MO, United States)
10:30 – 10:45	S4A3.2	AniMotion: "Role-play as Tool for Selecting the Most Suitable Animal Model in Animal Experimentation" Speaker: Marita Meurer (Hannover, Germany)
10:45 – 11:00	S4A3.3	Contributions of Sex Bias to Animal Welfare: It's Everyone's Animal Welfare Problem Speaker: Elizabeth Nunamaker (United States, United States)
11:00 – 11:15	S4A3.4	Improving Laboratory Animal Genetic Reporting: New Guidelines Speaker: Lydia Teboul (Harwell, United Kingdom)
11:15 – 11:30	S4A3.5	Refinement of Metabolic Cage Design to Enhance Animal Welfare Speaker: Yalei Zang (Berlin, Germany)

Skalkotas

10:15 – 11:30	S4F2	An Introduction to Zebrafish Husbandry and Care Chair: Bobbi Baur (San Marcos, CA, United States) Co-Chair: Joana Monteiro (Lisbon, Portugal)
10:15 – 10:20		Introduction Speaker: Bobbi Baur (San Marcos, CA, United States) Speaker: Joana Monteiro (Lisbon, Portugal)
10:20 – 10:40	S4F2.1	Effective Husbandry of Larval Zebrafish Speaker: Joana Monteiro (Lisbon, Portugal)
10:40 – 11:00	S4F2.2	Overview of Zebrafish Facility Management: Essentials for Care and Compliance Speaker: Ana Borges (Lisbon, Portugal)
11:00 – 11:20	S4F2.3	Basics of Aquatics Facility Design Speaker: Bobbi Baur (San Marcos, CA, United States)
11:20 – 11:30		Discussion

MC 2 Conference Room

10:15 – 11:30	W4B2	Reducing Severity by Training People: The Use of Live Animals in Training Chair: Chris Van Ginneken (Brussels, Belgium) Co-Chair: Julia Steidle (Brussels, Belgium)
10:15 – 10:20		Introduction and Welcome Speaker: Chris Van Ginneken (Brussels, Belgium)

10:20 – 10:40	W4B2.1	The Regulatory Framework and Guidelines That Govern the Use of Live Animals in Training Speaker: Nicole Linklater (Brussel, Belgium)
10:40 – 11:00	W4B2.2	Use of Live Animals in FELASA-accredited Courses for Function A, C and D Speaker: Andreas Teubner (Maastricht, Netherlands)
11:00 – 11:30		Discussion Speaker: Magda João Castelhana Carlos (Braga, Portugal)

MC 3 Conference Room

10:15 – 11:30	S4E2	Better Future with Better Models Chair: Chryssa Bekiari (Thessaloniki, Greece) Co-Chair: Ismene Dontas (Athens, Greece)
10:15 – 10:26	S4E2.1	Pyrogenicity Paradigm Shift: Moving from Rabbits to Human-relevant Research Speaker: Justine Watkins (Utrecht, Netherlands)
10:26 – 10:37	S4E2.2	Mouse Suffering for Vanity: Tracing Replacement of the LD50 Bioassay for Botulinum Neurotoxin (Botox) Speaker: Justine Watkins (Utrecht, Netherlands)
10:37 – 10:48	S4E2.3	Unavoidable Breeding Surpluses: Is Killing and Feeding of Surplus Laboratory Animals a Criminal Offence? Speaker: Bettina Kränzlin (Mannheim, Germany)
10:48 – 10:59	S4E2.4	Performance Evaluation Program for Diagnostic Laboratories: Key Instrument for Safe Global Exchange of Rodents Speaker: Patri Vergara (Barcelona, Spain)
10:59 – 11:10	S4E2.5	No More Canaries in Coal Mines: A Systematic Review of Environmental Health Monitoring Speaker: Joseph Garner (Stanford, United States)
11:10 – 11:21	S4E2.6	Next Research – Closing Animal Welfare Gaps Speaker: Christine Baumgartner (Munich, Germany) Speaker: Heike Wamser (Munich, Germany)

Marinos

10:15 – 11:30	W4A1	Practical Guidance for Implementation of an Institutional 3RS Strategy Chair: Ngaire Dennison (Dundee, United Kingdom) Co-Chair: Anja Petrie (Aberdeen, United Kingdom)
10:15 – 10:30	W4A1.1	Interactive: Setting the Scene – Openness and Transparency Facilitator: Ngaire Dennison (Dundee, United Kingdom) Facilitator: Anja Petrie (Aberdeen, United Kingdom)
10:30 – 10:45	W4A1.2	Review of Replacement Projects at an Institute; How Can We Do It? Facilitator: Anja Petrie (Aberdeen, United Kingdom)
10:45 – 10:55	W4A4.3	How Can a 3RS Organisation Help? Facilitator: Juliet Dukes (Nottingham, United Kingdom)
10:55 – 11:30		Interactive: Practical implementation and benchmarking Led by speakers Practical examples that explore the questions: <ul style="list-style-type: none"> - 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? Facilitator: Ngaire Dennison (Dundee, United Kingdom) Facilitator: Juliet Dukes (Nottingham, United Kingdom) Facilitator: Anja Petrie (Aberdeen, United Kingdom)

Trianti

11:45 – 12:30	K4	FELASA Award - An Unexpected Journey – From Calving Cows to Championing Squid Welfare Chair: J-P Mocho (London, United Kingdom)
11:45 – 12:30	K41	An Unexpected Journey – From Calving Cows to Championing Squid Welfare Keynote: David Anderson (London, United Kingdom)

MC 3 Conference Room

13:15 – 14:15	Janvier Labs	Bridging the Gap: Advancing Preclinical Research With Humanized Mice Bridging the Gap: Advancing Preclinical Research With Humanized Mice Speaker: Pierre Dillard (France)
---------------	---------------------	--

13:15 – 13:55 P4MD ePoster Sessions

Trianti

14:30 – 16:00	S4C2	Smart Strategies for Social Housing, Enrichment and Welfare Monitoring Chair: Petra Seebeck (Zurich, Switzerland) Co-Chair: Helena Paradell (La Vall de Bianya, Spain)
14:30 – 14:33		Introduction Speaker: Petra Seebeck (Zurich, Switzerland)
14:33 – 14:47	S4C2.1	Strategies to Prevent Single Housing of Male Mice: Chemical Sterilisation of Female Cage Mates Speaker: Ben Jurgens (Amsterdam, Netherlands)
14:47 – 15:01	S4C2.2	Mice Just Want to Have Fun: The Impact of Toys on Mouse Welfare Speaker: Monika Kozak Ljunggren (Linköping, Sweden)
15:01 – 15:15	S4C2.3	Good Nestbuilding – More to It than Providing Appropriate Nesting Material? Speaker: Anja Petrie (Aberdeen, United Kingdom)
15:15 – 15:29	S4C2.4	GV-SOLAS Specialist Information: Breeding Planning for Laboratory Mice Speaker: Thorsten Buch (Schlieren, Switzerland)
15:29 – 15:43	S4C2.5	AI as a Tool for the Refinement of Pain Recognition in Rodents Speaker: Franziska Lange (Leipzig, Germany) Speaker: Tobias Gahlert (Leipzig, Germany)
15:43 – 15:57	S4C2.6	Implementation of Digital Animal Welfare and Humane Endpoints through Home-cage Monitoring Solutions Speaker: Fabrizio Scorrano (Basel, Switzerland)

Banquet

14:30 – 16:00	S4D1	Do I Have a Choice? Reconciling Personal and Professional Ethics in Laboratory Animal Science Training Chair: Anna Olsson (Porto, Portugal) Co-Chair: Augusto Vitale (Roma, Italy)
14:30 – 14:35		Introduction Speaker: Anna Olsson (Porto, Portugal)
14:35 – 14:50	S4D1.1	Psychological Stress and Strain in Laboratory Animal Professionals Speaker: Sonja Rumpel (Berlin, Germany)
14:50 – 15:05	S4D1.2	Personal Impact of Animal Use: (Tangential) Insights from an interview study with UK researchers/students Speaker: Renelle McGlacken (Southwater, United Kingdom)

15:05 – 15:20	S4D1.3	I Am Not Sure I Want to Do It: Emotional Perspective on Animal Experiment Speaker: Augusto Vitale (Roma, Italy)
15:20 – 15:35	S4D1.4	Who Should Learn to Do Experiments with Animals and How? Speaker: Anna Olsson (Porto, Portugal)
15:35 – 16:00		Discussion

Skalkotas

14:30 – 16:00	S4B1	Accurate Scoring of Actual Severity / How to Effectively Score Actual Severity Chair: Athanassia Sotiropoulos (Maisons-Alfort, France) Co-Chair: Delphine Denais-Lalievie (Fontenay-aux-Roses, France)
14:30 – 14:40		Introduction Speaker: Athanassia Sotiropoulos (Maisons-Alfort, France)
14:40 – 15:00	S4B1.1	Challenges and Emerging Trends in Reporting Actual Severity in Statistical Reports Under Directive 2010/63/EU Speaker: David Anderson (London, United Kingdom)
15:00 – 15:20	S4B1.2	Lessons Learned from the FELASA Severity Workshops Speaker: Dolores Bonaparte (Amsterdam, Netherlands)
15:20 – 15:40	S4B1.3	How the Subject of Accurate Reporting of Actual Severity Has Been Addressed in France Speaker: Karim Mesbah (Paris Montpellier, France)
15:40 – 16:00	S4B1.4	The Development of German Animal Numbers According to Prospective and Actual Severity Speaker: Philipp Schwedhelm (Berlin, Germany)

MC 2 Conference Room

14:30 – 16:00	W4A2	Mastering Non-technical Summaries (NTS) Writing: Enhancing Transparency and Ethical Accountability Chair: Nuno Miguel Gonçalves (London, United Kingdom)
14:30 – 16:00		Topics: Speaker: Nuno Miguel Gonçalves (London, United Kingdom)
16:00 – 16:00		Scicomm and Public Trust in Science Communicating Animal Research EU Legislation Exercise 1: How Clear Are These NTS? NTS: Contents and Best Practises Exercise 2: Improve an Existing Example Concluding Remarks
16:00 – 16:00		

MC 3 Conference Room

14:30 – 16:00	S4E3	ETPLAS - Promoting Alternatives to Animal Testing Through Accessible and Harmonised Education and Training Chair: Jan-Bas Prins (Leiden, Netherlands) Co-Chair: Anne-Dominique Degryse (Puylaurens, France)
14:30 – 14:35		Introduction Speaker: Jan-Bas Prins (Leiden, Netherlands)
14:35 – 14:55	S4E3.1	Expansion of Assessment Criteria for Function B persons as Defined in the Directive Speaker: Ismene Dontas (Athens, Greece)
14:55 – 15:15	S4E3.2	Union Wide Continuing Professional Development (CPD) Framework for the Field of Laboratory Animal Science Speaker: Philippe Bugnon (Zürich, Switzerland)
15:15 – 15:35	S4E3.3	DOPS Templates: Supporting Harmonized Assessment of Practical Skills in Animal-Based Procedures

15:35 – 15:55	S4E3.4	<p>Speaker: Rafael Frias (Solna, Sweden)</p> <p>The ETPLAS Training Platform and its New EU E-learning Modules</p> <p>Speaker: Nuno Henrique Franco (Porto, Portugal)</p>
---------------	--------	--

Marinos

14:30 – 16:00	W4B3	<p>Focus On Severe Suffering 2 - Retrospective Assessment of Projects Involving Procedures Classified as ‘Severe’</p> <p>Chair: Penny Hawkins (Horsham, United Kingdom)</p> <p>Co-Chair: Chloe Stevens (Horsham, United Kingdom)</p>
14:30 – 14:45	W4B3.1	<p>Looking Back, Moving Forward: Reducing Severe Suffering Through Retrospective Assessment</p> <p>Speaker: Susanna Louhimies (Brussels, Belgium)</p>
14:45 – 15:00	W4B3.2	<p>Maximizing In Vivo Research Outcomes: Retrospective Review for Improved Practice</p> <p>Speaker: Emma Stringer (Birmingham, United Kingdom)</p>
15:00 – 15:15	W4B3.3	<p>Retrospective Assessment of Projects With Severe Discomfort by the Dutch Competent Authority: What Can We Learn?</p> <p>Speaker: Mathieu Sommers (Wageningen, Netherlands)</p>
15:15 – 16:00		<p>Structured Discussion Session</p> <p>Facilitator: Penny Hawkins (Horsham, United Kingdom)</p> <p>Facilitator: Chloe Stevens (Horsham, United Kingdom)</p>

16:05 – 16:40	P4PM	ePoster Sessions
---------------	-------------	-------------------------

Trianti

16:45 – 18:00	S4A4	<p>Institutional Transparency in Animal-based Science</p> <p>Chair: Karen Mulkijanyan (Tbilisi, Georgia)</p> <p>Co-Chair: Sabrina Ravel (France)</p>
16:45 – 16:48		<p>Introduction</p> <p>Speaker: Karen Mulkijanyan (Tbilisi, Georgia)</p>
16:48 – 17:01	S4A4.1	<p>Improvement in Non-technical Summary Information on Replacement to Improve Transparency</p> <p>Speaker: Kathy Ryder (Belfast, United Kingdom)</p>
17:01 – 17:14	S4A4.2	<p>Systematic Review of European Public Attitudes Toward Animal Research: Trends and Implications</p> <p>Speaker: Inês Serrenho (London, United Kingdom)</p>
17:14 – 17:27	S4A4.3	<p>Communicating Compliance, a Canadian Perspective: The University of British Columbia Post Approval Monitoring Program</p> <p>Speaker: Kathleen Banks (Vancouver, Canada)</p>
17:27 – 17:40	S4A4.4	<p>Implementing a Fully Transparent Communication Policy of Animal Experimentation in a Swiss institution</p> <p>Speaker: Rémi Carlier (Lausanne, Switzerland)</p>
17:40 – 17:53	S4A4.5	<p>Understanding Regulatory Capture in Animal Research</p> <p>Speaker: Lisa Craig (Adelaide, Australia)</p>
17:53 – 17:58		Closing Remarks

Banquet

16:45 – 18:00	S4E4	<p>Refining Animal Models</p> <p>Chair: Viola Galligioni (Amsterdam, Netherlands)</p> <p>Co-Chair: Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)</p>
16:45 – 17:02	S4E4.1	<p>Anaesthesia and Analgesia for Cattle, Sheep, Goats and Pigs Used in Biomedical Research</p> <p>Speaker: Sabine Juliane Bischoff (Duesseldorf, Germany)</p>

17:02 – 17:19	S4E4.2	The Pig as a Model in Translational Surgery Speaker: Thomas Hubert (Lille, France)
17:19 – 17:36	S4E4.3	Moving Towards a More Rigorous Understanding of Mouse Behavior and Physiology Speaker: Timothy L. Robertson (Redwood City, CA, United States)
17:36 – 17:53	S4E4.4	Validation of the Wildling Mouse Model to Enhance Translational Research Speaker: Natascha Drude (Berlin, Germany)

Skalkotas

16:45 – 18:00	S4F3	YOU Have the Power to Move Public Beliefs about Animal Research Chair: Paula Clifford (Washington DC, United States) Co-Chair: Wendy Jarrett (London, United Kingdom)
16:45 – 16:55		Introduction Speaker: Paula Clifford (Washington DC, United States) Speaker: Wendy Jarrett (London, United Kingdom)
16:55 – 17:10	S4F3.1	How to Effectively Talk About Your Work with Animals in Research Speaker: Paula Clifford (Washington DC, United States)
17:10 – 17:25	S4F3.2	Freedom to Speak: How Openness Contributes to a Culture of Care Speaker: John Meredith (London, United Kingdom)
17:25 – 17:40	S4F3.3	Can We Talk? Communication between Animal Technicians and Researchers Is an Important 3R Facilitator Speaker: Aoife Milford (Basel, Switzerland)
17:40 – 17:55	S4F3.4	Towards a Transparency Agreement on Animal Research in Greece Speaker: Anastasios Xanthopoulos (Thessaloniki, Greece)

MC 2 Conference Room

16:45 – 18:00	W4B4	Principles of Rodent Aseptic Surgery: A Practical Approach to Surgical Asepsis and Suturing Techniques Chair: Diego Celdran-Bonafonte (Tucson, United States) Co-Chair: Vasileios Ntafis (Vari, Greece)
16:45 – 18:00	W4B4	Principles of Rodent Aseptic Surgery: A practical approach to surgical asepsis and suturing techniques Speaker: Diego Celdran-Bonafonte (Tucson, United States) Instructors on Hands-on Rodent Aseptic Surgery and Suturing Practice Instructor: Diego Celdran-Bonafonte (Tucson, United States) Instructor: Felix Gantenbein (Zurich, Switzerland) Instructor: Lena Gens (Davos, Switzerland) Instructor: Pavlos Lelovas (Athens, Greece) Instructor: Vasileios Ntafis (Vari, Greece) Instructor: Victoria Ortín Piqueras (Murcia, Spain) Instructor: Daniel Ruiz-Perez (Dublin, Ireland) Instructor: Regina Rumpel (Bielefeld, Germany) Instructor: Nina Trimmel (Linz, Austria)

MC 3 Conference Room

16:45 – 18:00	S4E5	FELASA - Its Visions, Missions and Liaisons Chair: Klas Abelson (Copenhagen, Denmark) Co-Chair: J-P Mocho (London, United Kingdom)
16:45 – 17:15	S4E5.1	FELASA - Its Visions, Missions and Liaison Speaker: Klas Abelson (Copenhagen, Denmark)
17:15 – 17:25	S4E5.2	AALAS and FELASA Working Together Speaker: Scott Mischler (Morrisonville, United States) Speaker: Elizabeth Nunamaker (United States, United States)
17:25 – 17:35	S4E5.3	EARA Speaker: Kirk Leech (London, United Kingdom)

17:35 – 17:45	S4E5.4	The International Council for Laboratory Animal Science - ICLAS
		Speaker: Johannes Wilbertz (Stockholm, Sweden)
17:45 – 18:00		Panel Discussion and Concluding Remarks

Marinos

16:45 – 18:00	W3B2 (repeated)	Using the ETPLAS DOPS for Assessing the Practical Skills of Personnel Working with Laboratory Animals Co-Chair: Anne-Dominique Degryse (Puylaurens, France) Chair: Jan-Bas Prins (Leiden, Netherlands)
16:45 – 16:55	W3B2.1	ETPLAS Working Group on DOPS Development for Practical Skills Assessment – Introduction and Overview Speaker: Rafael Frias (Solna, Sweden)
16:55 – 17:05	W3B2.2	Understanding the ETPLAS DOPS Speaker: Ivo Tiebosch (Utrecht, Netherlands)
17:05 – 17:15	W3B2.3	Practical application of the ETPLAS DOPS Speaker: Lucy Whitfield (Mildenhall, United Kingdom)
17:15 – 18:00	W3B2.4	Case Studies and Real-world Application Speaker: Andreia Costa (Porto, Portugal)

THURSDAY, JUNE 5, 2025

Trianti

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

Banquet

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

Skalkotas

09:00 – 10:30	S5D1	One Welfare in Action: Supporting Caregivers, Facilities, and Animal Well-Being Chair: Helena Paradell (La Vall de Bianya, Spain) Co-Chair: Nikolaos Kostomitsopoulos (Athens, Greece)
09:00 – 09:03		Introduction Speaker: Helena Paradell (La Vall de Bianya, Spain)
09:03 – 09:17	S5D1.1	There is only One Welfare Speaker: Kévin P. Dhondt (Saint-Germain-Nuelles, France)
09:17 – 09:31	S5D1.2	Developing a Training and Wellness Program to Promote a Culture of Care Speaker: Susan Rosati (Philadelphia, United States)
09:31 – 09:45	S5D1.3	Empowering Caregivers, Building Resilience and Compassion through Empathic Listening Speaker: Judy Murray (Wilmington, United States)
09:45 – 09:59	S5D1.4	Developing a Two-tiered Conversation Guide on Compassion Fatigue and Resilience in Mice Breeding Teams Speaker: Filipe Nunes (Gothenburg, Sweden)

09:59 – 10:13	S5D1.5	Lab Life through the Lens: Portraying Animal Research in Video Format Speaker: Mary Harvie (London, United Kingdom)
10:13 – 10:27	S5D1.6	Animal Facility Building Management - Thinking Inside the Box Speaker: Caroline Bergmann (Nottingham, United Kingdom)

MC 2 Conference Room

09:00 – 10:30	W5B1	A Taster of Complex Models in the Classification and Reporting of Severity of Procedures in Complex Surgical Models in Higher Species Chair: Anne-Dominique Degryse (Puylaurens, France) Co-Chair: David Anderson (London, United Kingdom) Presentation with Short Refresher and Introduction to the Models Round Table Discussion in Small Working Groups With Facilitator Interactive Presentation on Actual Severity Wrap-up and Take Home Speakers Speaker: Anne-Dominique Degryse (Puylaurens, France) Speaker: David Anderson (London, United Kingdom) Facilitators: Facilitator: Sandra Buhl (Cologne, Germany) Facilitator: Damien Gervasoni (Lyon, France)
09:00 – 09:15		
09:15 – 09:45		
09:45 – 10:20		
10:20 – 10:30		
10:30 – 10:30		

MC 3 Conference Room

09:00 – 10:30	S5C2	Improving Welfare and Research Outcomes Through the Refinement in Animal Models Chair: Christian Schnell (Zürich, Switzerland - Hégenheim, France, France) Co-Chair: Amir Rosner (Ness ziona, Israel)
09:00 – 09:15	S5C2.1	Handling and Training Protocols for Camelids in Research Speaker: Elisabeth Herrero (Ghent, Belgium)
09:15 – 09:30	S5C2.2	The Sunshine Vitamin: Myth or Reality of Vitamin D Role in Marmoset's Welfare Speaker: Ruta Vaicekauskaitė (Niederhausbergen, France)
09:30 – 09:45	S5C2.3	Optimizing Rabbit Gavage Techniques through Data-driven Refinements Speaker: Elizabeth Nunamaker (United States, United States)
09:45 – 10:00	S5C2.4	Unique Aspects of Naked Mole-Rat Care Speaker: Paul Friedemann Pohl (Cologne, Germany)
10:00 – 10:15	S5C2.5	The MI-RAT, a Novel Murine Model for the Study of OA Speaker: Bertrand Lussier (St-Hyacinthe, Canada)
10:15 – 10:30	S5C2.6	Large Colony Housing of Rats in Drug Development Speaker: Christian Brenneis (Darmstadt, Germany)

Marinos

09:00 – 10:30	W3B1 (repeated)	Self-Made Score Sheet or Not? That's the Question Chair: Maike Heimann (Zürich, Switzerland) Co-Chair: Philippe Bugnon (Zürich, Switzerland)
09:00 – 09:15		Introduction Speaker: Maike Heimann (Zürich, Switzerland) Speaker: Philippe Bugnon (Zürich, Switzerland)
09:15 – 10:30		Interactive Session Speaker: Maike Heimann (Zürich, Switzerland) Speaker: Philippe Bugnon (Zürich, Switzerland)

10:35 – 11:10	P5AM	ePoster Sessions
---------------	-------------	-------------------------

Trianti

11:15 – 12:45	S5E1	"The Future Is Here" Chair: Rene Tolba (Aachen, Germany) Co-Chair: Petra Seebeck (Zurich, Switzerland)
11:15 – 11:33	S5E1.1	Advancing Preclinical Animal Model Selection with AI: A New Frontier for Laboratory Animal Veterinarians Speaker: Nikola Cesarovic (Zurich, Switzerland)
11:33 – 11:51	S5E1.2	A Dynamic Evidence-based Platform to Support Animal Model Selection in Cancer Research Speaker: Maria Economou (Berlin, Germany)
11:51 – 12:09	S5E1.3	Virtual Reality, a Novel Training Tool for Preclinical Research Speaker: Michaël Verset (Lyon, France)
12:09 – 12:27	S5E1.4	Balancing Innovation and Accuracy: AI-Generated Clinical Score Sheets in Focus Speaker: Cristian Berce (Bern, Switzerland)
12:27 – 12:45	S5E1.5	The Power of Synthesizable Data: Strategies for Maximizing the Impact of Research Speaker: Alexandra Bannach-Brown (Berlin, Germany)

Banquet

11:15 – 12:45	S5A2	Accounting for Sex in Animal Experimentation Chair: Thorsten Buch (Schlieren, Switzerland) Co-Chair: Francesca Maranghi (Rome, Italy)
11:15 – 11:20		Introduction Speaker: Thorsten Buch (Schlieren, Switzerland)
11:20 – 11:40	S5A2.1	The Laboratory Environment: A Neglected Factor in Implementing the SABV Policy in Mouse Research Speaker: Ivana Jaric (Schlieren, Switzerland)
11:40 – 12:00	S5A2.2	Reduction by Design: Sex Inclusive Research Need Not Increase the Sample Size by Default Speaker: Ben Phillips (Cambridge, United Kingdom)
12:00 – 12:20	S5A2.3	The Use of Rodent Models to Evaluate Sex Differences in Toxicological Risk Assessment Speaker: Francesca Maranghi (Rome, Italy)
12:20 – 12:40	S5A2.4	Pain, Sex, and Death Speaker: Jeffrey Mogil (Montreal, Canada)

Skalkotas

11:15 – 12:45	S5D2	No Excuses Left – Lack of Competence Is Not an Option Chair: Susanna Louhimies (Brussels, Belgium) Co-Chair: Milena Mennecozzi (Ispra, Italy)
11:15 – 11:35	S5D2.1	The EU Education & Training Framework 2.0 Speaker: Susanna Louhimies (Brussels, Belgium)
11:35 – 11:55	S5D2.2	Educational Resources and a New EU Manual for Animal Caretakers Speaker: Milena Mennecozzi (Ispra, Italy)
11:55 – 12:15	S5D2.3	The European CPD Framework Speaker: Philippe Bugnon (Zürich, Switzerland)
12:15 – 12:35	S5D2.4	FELASA Recommendations for Continuing Professional Development for Professionals Involved in Animal Research Speaker: Magda João Castelhana Carlos (Braga, Portugal)
12:35 – 12:45		Discussion

MC 2 Conference Room

11:15 – 12:45	W5B2	A Taster of Complex Neuro-Behavioural Rodent Models in the Classification and Reporting of Severity of Procedures
---------------	-------------	--

11:15 – 11:30		Chair: Delphine Denais-Lalievie (Fontenay-aux-Roses, France)
11:30 – 12:00		Co-Chair: Nelleke Verhave (Nijmegen, Netherlands)
12:00 – 12:35		Presentation With Short Refresher and Introduction to the Models
12:35 – 12:45		Round Table Discussion in Small Working Groups With Facilitator
		Interactive Presentation on Actual Severity
		Wrap-up and Take Home
		Facilitators:
		Facilitator: Delphine Denais-Lalievie (Fontenay-aux-Roses, France)
		Facilitator: Sandra Buhl (Cologne, Germany)
		Facilitator: Damien Gervasoni (Lyon, France)
		Facilitator: Nelleke Verhave (Nijmegen, Netherlands)

MC 3 Conference Room

11:15 – 12:45	S5C3	The Contribution of the Continuous Professional Development Programmes in Improving Animal Care and Welfare
		Chair: Rafael Frias (Solna, Sweden)
		Co-Chair: Francesco Carù (Milano, Italy)
11:15 – 11:25		Introduction
		Speaker: Francesco Carù (Milano, Italy)
11:25 – 11:40	S5C3.1	Experiences and Challenges Supporting Scientific Community: What we Have Done What we Will Do
		Speaker: Francesco Carù (Milano, Italy)
11:40 – 11:55	S5C3.2	Achieving Competence in Laboratory Animal Science: A Pathway to Animal Welfare and Scientific Excellence
		Speaker: Rafael Frias (Solna, Sweden)
11:55 – 12:10	S5C3.3	Animal Facility Management, (Too) Many Balls to Juggle
		Speaker: Jan-Bas Prins (Leiden, Netherlands)
12:10 – 12:25	S5C3.4	Application of Lean Management in Animal Facilities: Pros and Cons
		Speaker: Alberto Gobbi (Milano, Italy)
12:25 – 12:45		Discussion

Marinos

11:15 – 12:45	W4D1 (repeated)	Supporting Trainees in Practical Training with Animals: How to Manage Individual Difficulties?
		Co-Chair: Anna Olsson (Porto, Portugal)
		Chair: Andreia Costa (Porto, Portugal)
11:15 – 11:25		Introduction to the Topic and Workshop Approach
		Speaker: Andreia Costa (Porto, Portugal)
		Speaker: Anna Olsson (Porto, Portugal)
		Speaker: Júlio Borlido Santos (Porto, Portugal)
11:25 – 12:25		Group Activities: Troubleshooting and Solving Case Scenarios
		- Distribution of Materials and Tasks
		- Facilitated Discussion About Hypothetical Trainee Profiles
		- Mapping Group Outputs
		Speaker: Andreia Costa (Porto, Portugal)
		Speaker: Anna Olsson (Porto, Portugal)
		Speaker: Júlio Borlido Santos (Porto, Portugal)
12:25 – 12:45		Collective Discussion of Group Work

Trianti

12:45 – 13:15	HSBLAS 30 Anniversary
	Chair: Katerina Marinou (Athens, Greece)
	Chair: Vasileios Ntafis (Vari, Greece)
12:45 – 13:00	Introduction
13:00 – 13:15	HSBLAS' Growth Chart - the First 30 Years

Speaker: Ismene Dontas (Athens, Greece)

Trianti

13:15 – 13:45

Closing and Awards Ceremony

Closing and Awards

Speaker: Anastasia Tsingotjidou (Thessaloniki, Greece)

Speaker: Aurora Brønstad (Norway)

Speaker: J-P Mocho (London, United Kingdom)

Speaker: Rene Tolba (Aachen, Germany)



Animal Health Monitoring

- *Non-Human Primate Diagnostics*
- *Rodent Diagnostics*
- *Gene & Cell Therapy*
- *Research Services*

And Introducing...



THE VRL ADVANTAGE

- Knowledgeable Scientific Staff
- Fast Turnaround Times
- Customer Focused
- Reliable Results



VRL's BioDisk will improve your detection capabilities. Both in-house and external data show improved sensitivity in pathogen detection compared to other methodologies available on the market today.

ePOSTER SESSIONS

Monday, June 2, 2025

P2AM | 09:35 – 10:10

09:35 – 10:10	P2AM1	It's About Animal Health and Welfare - Station 1 (Trianti Balcony, floor +1) Chair: Sabrina Ravel (France)
09:35 – 09:37		Introduction Speaker: Sabrina Ravel (France)
09:37 – 09:40	PB008	Establishment of an Environmental Health Monitoring Strategy Detecting Theiler's Murine Encephalomyelitis Virus (TMEV) Poster Presenter: Stephanie Buchheister (Hannover, Germany)
09:40 – 09:43	PB019	Scoring Animal Welfare to Determine Cumulative Maximums Poster Presenter: Shawn Davis (Mississauga, Canada)
09:43 – 09:46	PB037	Neuro Score – An Added Informative Value for Severity Assessment in Neurological Rodent Models? Poster Presenter: Anna Munk (Munich, Germany)
09:46 – 09:49	PC023	Rabbit Medical Training: A Reasoned Approach and Creation of Educational Sheets Poster Presenter: Jean-Claude Desfontis (Nantes, France)
09:49 – 09:52	PC057	Current Microbiological Status of Mice and Rats in Experimental Facilities in Japan Poster Presenter: Nobuhito Hayashimoto (Kawasaki, Japan)
09:52 – 09:55	PC059	Exploring Histopathological Phenotypes in Aging Nothobranchius furzeri: Insights from an Integrated Health Management System Poster Presenter: Beate Hoppe (Jena, Germany)
09:55 – 09:58	PC098	Rabbit Welfare Working Group: Building Consensus and Collaboration for Program Improvement Poster Presenter: Carly O'Malley (Wilmington, United States)
09:58 – 10:01	PE016	Activation Behavior and Testing of Animal Platelets According to ISO 10993-4 Standards Poster Presenter: Tim Christer (Hannover, Germany)
10:01 – 10:04	PE049	Is There a Place for Rodent Importation and Quarantine in our Future? Poster Presenter: Mary Proctor (Louisville, United States)
<hr/>		
09:35 – 10:10	P2AM2	It's About Husbandry and Environment - Station 2 (Trianti Balcony, floor +1) Chair: Jan Honetschläger (Prague, Czech Republic)
09:35 – 09:37		Introduction Speaker: Jan Honetschläger (Prague, Czech Republic)
09:37 – 09:40	PC004	Cortisol Measurements in Different Mouse Strains during Construction Work in a Laboratory Animal Facility Poster Presenter: Lisa Barones (Graz, Austria)
09:40 – 09:43	PC018	Breaking Isolation: Loft Housing for Guinea Pigs in Research Poster Presenter: Luisa Corsi (Parma, Italy)
09:43 – 09:46	PC051	Ammonia Concentrations in Different Sizes IVC Cages Poster Presenter: Nicole Gutman (Copenhagen, Denmark)
09:46 – 09:49	PC074	Achieving Environmental Enrichment in South Korea Poster Presenter: Jungmin Lee (Seoul, Korea, Republic of)
09:49 – 09:52	PC109	The Impact of Ultrasonic Noise on Laboratory Animals Poster Presenter: Emily K. Pope (Charlottetown, Canada)
09:52 – 09:55	PC122	Determination of the Ammonia Concentration and Change Frequency of the B6.Cg-Tg(K18-ACE2)2Prlmn/J Mice Poster Presenter: Jenif Braga Souza (Rio de Janeiro, Brazil)
09:55 – 09:58	PC135	Effect of Acclimatization and Housing Temperature on Metabolic Activity in Mice Poster Presenter: Philipp Villiger (Zürich, Switzerland)

09:58 – 10:01	PD021	Phytoestrogens in Tahini and Sesame Perisperm: Dual Benefits for Human and Animal Skeletal Health? Poster Presenter: Anna- Aikaterini Neri (Athens, Greece)
10:01 – 10:04	PE056	'Green' and Sustainable Vivaria Solutions: Tips and Tricks Poster Presenter: Patrick Sharp (West Lafayette, United States)
09:35 – 10:10	P2AM3	It's About Diseases and Veterinary Care - Station 3 (Banquet Level, floor -2) Chair: Ngairé Dennison (Dundee, United Kingdom)
09:35 – 09:37		Introduction Speaker: Ngairé Dennison (Dundee, United Kingdom)
09:37 – 09:40	PB021	Oral Acepromazine Pre-treatment in Rabbit Kits Prior to Euthanasia via Intraperitoneal Pentobarbital Injection Poster Presenter: Kévin P. Dhondt (Saint-Germain-Nuelles, France)
09:40 – 09:43	PC001	Large Scale Eradication and Biocontainment of <i>Corinebacterium bovis</i> in a Rodent Facility Poster Presenter: Albert Altafaj Tardío (Barcelona, Spain)
09:43 – 09:46	PC044	Extended Catheter Patency Using Cannulock Buttons in Rodents Poster Presenter: Brad Gien (Lake Villa, United States)
09:46 – 09:49	PC045	Long Term Rodent Catheter Patency – Myth or Reality? Poster Presenter: Brad Gien (Lake Villa, United States)
09:49 – 09:52	PC046	Still a Place for Microscopy: Comparison of Techniques for Diagnosing <i>Myocoptes musculus</i> in Mice Poster Presenter: Christina Gill (Oxford, United Kingdom)
09:52 – 09:55	PC091	Comprehensive Management of <i>Corynebacterium Bovis</i> Outbreaks in Spf/Sopf Animal Facilities Poster Presenter: Elodie Moureaux (Toulouse, France)
09:55 – 09:58	PC129	Aging, not Illness. Veterinary Care for Old Laboratory Animals in Research Poster Presenter: Anne Süßenguth (Jena, Germany)
09:58 – 10:01	PD038	Importance of Emerging Agent <i>Burkholderia</i> Sp. as Cause of Neurologic Symptoms in Immunocompromised Mice Poster Presenter: Serge Zander (Amsterdam, Netherlands)
10:01 – 10:04	PE035	Practical Solution for the Safe Handling of Tamoxifen in Laboratory Animal Facilities Poster Presenter: Stefanie Kirschner (Mannheim, Germany)
09:35 – 10:10	P2AM4	It's About Behavior - Station 4 (Banquet Level, floor -2) Chair: Cristin Coman (Bucharest, Romania)
09:35 – 09:37		Introduction Speaker: Cristin Coman (Bucharest, Romania)
09:37 – 09:40	PA017	From Historical Data to Future Insights: New Approach for Analyzing and Re-Using Behavioral Datasets Poster Presenter: Luca Lorenzini (Bologna, Italy)
09:40 – 09:43	PC007	Effects of Enriched Housing on the Behavior and Physiology of Laboratory Rodents Poster Presenter: Logan J. Bigelow (Charlottetown, Canada)
09:43 – 09:46	PC049	Behavioral Analysis: A Tool to Improve Care and Welfare in a Ferret Facility Poster Presenter: Laura Gioiosa (Legnaro (PD), Italy)
09:46 – 09:49	PC066	Enhancing Inhalation Study Outcomes Through Mouse Training Programs at AstraZeneca Poster Presenter: Caroline Karlsson (Mölnådal, Sweden)
09:49 – 09:52	PE007	Bring the Sociability Test to the Animal, Not the Animal to the Sociability Test Poster Presenter: Veronika Borbélyová (Bratislava, Slovakia)
09:52 – 09:55	PE015	Microsurgical Technique Training: Pioneering Interactive Training Systems and Courses for Laboratory Animals Poster Presenter: Yu-Ling Chen (Taipei, Taiwan)
09:55 – 09:58	PE065	Home Cage Stereotypic Behaviors Affect Behavioral Phenotypes and are Modulated by Environmental Enrichment

09:58 – 10:01	PE012	<p>Poster Presenter: Katharina Tillmann (Vienna, Austria)</p> <p>Behavioral Phenotyping of Unique Fat and Lean Mice to Explore Metabolism Impact on Behavior</p> <p>Poster Presenter: Maša Čater (Domžale, Slovenia)</p>
09:35 – 10:10	P2AM5	<p>It's About Mouse Models - Station 5 (Banquet Level, floor -2)</p> <p>Chair: Karen Mulkijanyan (Tbilisi, Georgia)</p>
09:35 – 09:37		<p>Introduction</p> <p>Speaker: Karen Mulkijanyan (Tbilisi, Georgia)</p>
09:37 – 09:40	PE011	<p>Influence of Genetic Background, Diet, Sex and Age on Digestibility in Polygenic Mouse Models</p> <p>Poster Presenter: Maša Čater (Domžale, Slovenia)</p>
09:40 – 09:43	PA019	<p>The Combination of Immunodeficient Mice and Quail Chorioallantoic Membrane Model in Colorectal Cancer Research</p> <p>Poster Presenter: Miroslava Matuskova (Bratislava, Slovakia)</p>
09:43 – 09:46	PB025	<p>Establishing a Mouse Model for Early-Stage MASLD: Refinement Through Diet Design</p> <p>Poster Presenter: Anja R. Geisler (Jena, Germany)</p>
09:46 – 09:49	PC017	<p>A Spontaneous Phex Mutation in C57BL/6JNarl Mice as a Model for X-linked Hypophosphatemic Rickets</p> <p>Poster Presenter: Pei Ju Chiang (Tainan, Taiwan)</p>
09:49 – 09:52	PC032	<p>In Vivo Imaging Monitoring of Corn Oil-induced Inflammation in C57BL/6J Mice</p> <p>Poster Presenter: Melina Dragolia (Vari, Greece)</p>
09:52 – 09:55	PC076	<p>A Novel “Vaccine” Strategy Mitigates <i>Corynebacterium bovis</i>-associated Hyperkeratosis (CAH) in Athymic Nude Mice</p> <p>Poster Presenter: Neil Lipman (New York, United States)</p>
09:55 – 09:58	PE032	<p>Exploring the Role of Gut Microbiota in Microscopic Colitis: A Novel Murine Model</p> <p>Poster Presenter: Indre Karaliute (Kaunas, Lithuania)</p>
09:58 – 10:01	PE057	<p>The Benefit of Peripheral Blood Mononuclear Cell Mice Model for Advanced-Stage Lung Cancer</p> <p>Poster Presenter: Ariel Sobarzo (Beer Sheva, Israel)</p>
10:01 – 10:04	PE077	<p>Impact of Bacteria on Diet-induced Obesity Development and Type 2 Diabetes Treatment in Mice</p> <p>Poster Presenter: Margit Wunderlich (Neuherberg, Germany)</p>

IDEXX BioAnalytics

REPLACE™

Don't just refine your colony health monitoring.
Replace it.

REPLACE™ sentinel-free rodent health monitoring. Only from IDEXX BioAnalytics.

- + Improved pathogen detection
- + Eliminates the need for soiled bedding sentinels
- + No additional equipment or supply costs
- + Compatible with all housing systems
- + Rigorous quality control
- + Easy to use



Visit us at **Booth #4** or **idexxbioanalytics.eu/replace** to learn how REPLACE™ can elevate your health monitoring.

Monday, June 2, 2025

P2PM | 16:05 – 16:40

16:05 – 16:40	P2PM1	It's About Animal Welfare Assessment - Station 1 (Trianti Balcony, floor +1) Chair: Chryssa Bekiari (Thessaloniki, Greece)
16:05 – 16:07		Introduction Speaker: Chryssa Bekiari (Thessaloniki, Greece)
16:07 – 16:10	PA015	The Marseille Declaration – Together We Prioritize Animal Welfare Poster Presenter: Kerstin Kleinschmidt-Dörr (Darmstadt, Germany)
16:10 – 16:13	PC024	Assessment of the Welfare of Domestic Horses According to the Housing Conditions Poster Presenter: Jean-Claude Desfontis (Nantes, France)
16:13 – 16:16	PC036	Conflict Management in Laboratory Mice: Preliminary Results on the Role of a Synthetic Appeasing Pheromone Poster Presenter: Sara Fuochi (Apt, France)
16:16 – 16:19	PC083	Beagle Dog Quality of Life and Behavior Grid: A Tool for Experimental Ethology Poster Presenter: Yassine Mallem (Nantes, France)
16:19 – 16:22	PC087	Loss of Learned Lectures: A New Approach for Welfare Assessment for Rats in Experiments Poster Presenter: Jennifer Mein (Berlin, Germany)
16:22 – 16:25	PC118	Definition of Species-specific Needs (DoSSN) for Physiological, Social, and Mental Health Poster Presenter: Anna Schneider (Darmstadt, Germany)
16:25 – 16:28	PC132	Setting a New Standard for Animal Welfare in the Animal Provider and Services Industry Poster Presenter: Julie Torvund-Jensen (Lille Skensved, Denmark)
16:28 – 16:31	PC141	Improved Welfare Monitoring Via Continuous Activity Recording in Home Cage Connected to Machine Learning Poster Presenter: Xavier Warot (Lausanne, Switzerland)
16:31 – 16:34	PD029	Enhancing a Culture of Care Through Animal Welfare Teams, Event Recognition, Reporting, and Analysis Poster Presenter: Kathleen P Storves (Wilmington, United States)

16:05 – 16:40	P2PM2	It's About Improving the Model - Station 2 (Trianti Balcony, floor +1) Chair: Otto Kalliokoski (Copenhagen, Denmark)
16:05 – 16:07		Introduction Speaker: Otto Kalliokoski (Copenhagen, Denmark)
16:07 – 16:10	PA029	Analysis of Published Non-technical Project Summaries in Austria in 2021 to Assess Replacement Methods Poster Presenter: Sophie Schober (Klosterneuburg, Austria)
16:10 – 16:13	PB028	Focus on Severe Suffering - Picking the 'High-hanging Fruit' Poster Presenter: Penny Hawkins (Horsham, United Kingdom)
16:13 – 16:16	PB029	Exploring Nav1.7 Blockade in Cough Suppression in a Guinea Pig Model of Allergic Rhinitis Poster Presenter: Janka Jakusova (Martin, Slovakia)
16:16 – 16:19	PB044	Multimodal Wound Healingplace Matrix in Wound Healing: Study Design to Reduce the Animals' Number Poster Presenter: Manon Renault (Stockholm, Sweden)
16:19 – 16:22	PC061	Setting Up Your Surgical Field for Surgery in Pigs and Stereotaxic Surgery in Rodents Poster Presenter: Thomas Hubert (Lille, France)
16:22 – 16:25	PC110	Humane Endpoints in Mouse Pups under 5 Days of Age Poster Presenter: Caroline Quigley (Edinburgh, United Kingdom)
16:25 – 16:28	PE036	IMP3ROVE Animal Research Poster Presenter: Maria Kitsara (Athens, Greece)

16:28 – 16:31	PE045	Using the TRL Scale to Manage the Development of Alternative Technologies to Animal Biomodels Poster Presenter: CHRISTOPH MILEWSKI (Rio de Janeiro, Brazil)
16:31 – 16:34	PE055	Multicolor Flow Cytometric Approach to the Functional Analysis of Cryopreserved Mouse Sperm Poster Presenter: Nataliia Shapovalova (Zurich, Switzerland)
16:05 – 16:40	P2PM3	It's All About Ethics - Station 3 (Banquet Level, floor -2) Chair: Marion Berard (Paris, France)
16:05 – 16:07		Introduction Speaker: Marion Berard (Paris, France)
16:07 – 16:10	PA003	Advancing Ethical Standards in Brazilian Animal Research: Transformations, Regulations, and Innovations Under CONCEA Poster Presenter: Luisa Braga (Brasilia, Brazil)
16:10 – 16:13	PA010	Teaching Animal Ethics to a Multidisciplinary Academic Audience Poster Presenter: Eirini Fragkiadaki (Athens, Greece)
16:13 – 16:16	PA014	Critical Gaps in the Ethical Review of Animal Research in Sweden Poster Presenter: Svea Jörgensen (Uppsala, Sweden)
16:16 – 16:19	PA020	Collaborative Governance for Ethical Animal Research: Bridging Gaps Between Government, Institutions, and NGOs Poster Presenter: Karen Mulkijanyan (Tbilisi, Georgia)
16:19 – 16:22	PD008	Being the Local Ethics Committee of a CRO: How to Overcome the Challenges Poster Presenter: Cécile Fant (Saint-Germain-Nuelles, France)
16:22 – 16:25	PD018	One Welfare Committee, Integrating the Welfare of Animals, People and the Environment Poster Presenter: Anupah Makoond (Riviere des Anguilles, Mauritius)
16:25 – 16:28	PE021	Sex as Biological Variable: How to Help Researchers to Implement It in Animal Assays? Poster Presenter: Virginie Dangles-Marie (Paris, France)
16:28 – 16:31	PE052	The Evolution of Laboratory Animal Science Policies in Europe and Brazil: A Bibliometric Analysis Poster Presenter: Jivago Rolo (Brasilia, Brazil)
16:31 – 16:34	PA034	Decision Making Tools Enabling Methodological and Relevant Ethical Review of Study Protocols Poster Presenter: Heloise Vollmer (LYON, France)
16:05 – 16:40	P2PM4	It's All About Handling and Husbandry - Station 4 (Banquet Level, floor -2) Chair: Bogdan Sevastre (Cluj-Napoca, Romania)
16:05 – 16:07		Introduction Speaker: Bogdan Sevastre (Cluj-Napoca, Romania)
16:07 – 16:10	PC138	Challenges Associated with Female Rabbits Group Housing in Local Tolerance Studies for Vaccines Poster Presenter: Heloise Vollmer (LYON, France)
16:10 – 16:13	PC035	Strain-Specific Behavioral Responses to Facility Maintenance Activities in Laboratory Mice Poster Presenter: Joan Antoni Fernández Blanco (Barcelona, Spain)
16:13 – 16:16	PC063	Can Tail-handling be Non-Aversive? A Comparative Assessment of Mouse Handling Techniques Poster Presenter: Boris Jerchow (Basel, Switzerland)
16:16 – 16:19	PC090	Interrelation between Light Intensity and Activity of Mice in a Individually Ventilated Cage Poster Presenter: Gianpaolo Milite (Udine, Italy)
16:19 – 16:22	PC096	The Use of Floor Pens for Social Housing Naive Rabbits Poster Presenter: Ana Obaya (Leicestershire, United Kingdom)
16:22 – 16:25	PC116	Something to Hang on To! A Cage Ladder for Climbing and Handling Poster Presenter: Rebecca Sandgren (Lund, Sweden)
16:25 – 16:28	PD032	Advantages of an All-husbandry-embracing Intramural Animal Welfare Body

16:28 – 16:31	PC040	<p>Poster Presenter: Katharina Tillmann (Vienna, Austria)</p> <p>Enhancing Rat Welfare: Implementing Low-Stress Handling Methods in a Large-scale Facility</p> <p>Poster Presenter: Wairimu Gatome (Margate, United Kingdom)</p>
16:05 – 16:40	P2PM5	<p>It's All About Oncology - Station 5 (Banquet Level, floor -2)</p> <p>Chair: Antonio Casal (Spain)</p>
16:05 – 16:07		<p>Introduction</p> <p>Speaker: Antonio Casal (Spain)</p>
16:07 – 16:10	PC041	<p>Spontaneous Superficial Tumours in the NSG Mouse Strain</p> <p>Poster Presenter: Wairimu Gatome (Margate, United Kingdom)</p>
16:10 – 16:13	PB040	<p>Targeting Acral Melanoma in Mice by Voluntary Oral Delivery of Drugs</p> <p>Poster Presenter: Frida Nilsson (Zurich, Switzerland)</p>
16:13 – 16:16	PC003	<p>Classification of Lesions in Subcutaneous Tumor Models in Mice</p> <p>Poster Presenter: Birte Appelt (Basel, Switzerland)</p>
16:16 – 16:19	PC065	<p>How to Act When Detecting Tumor Ulceration in Mice within Cancer Research</p> <p>Poster Presenter: Ben Jurgens (Amsterdam, Netherlands)</p>
16:19 – 16:22	PC139	<p>A Project Based Approach: Refinement of Animal Welfare in Tumor Models</p> <p>Poster Presenter: Alinde Wallinga (Nijmegen, Netherlands)</p>
16:22 – 16:25	PE005	<p>In Vitro and in Vivo Efficacy of New Taxane-based Chemotherapeutics in Pancreatic Cancer</p> <p>Poster Presenter: Hana Bendova (Prague, Czech Republic)</p>
16:25 – 16:28	PE073	<p>In Vitro and In Vivo Efficacy of New Taxane-based Chemotherapeutics in Resistant Ovarian Carcinoma</p> <p>Poster Presenter: Alena Vlkova (Prague, Czech Republic)</p>

Tuesday, June 3, 2025

P3AM | 09:35 – 10:10

09:35 – 10:10	P3AM1	It's All About NHP - Station 1 (Trianti Balcony, floor +1) Chair: Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)
09:35 – 09:37		Introduction Speaker: Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)
09:37 – 09:40	PA006	Successful Rehoming of Rhesus Macaques Involved in Neurophysiology Research Poster Presenter: Stéphanie De Vleeschauwer (Leuven, Belgium)
09:40 – 09:43	PC039	A Scoping Review on the Effects of Physical Enclosure and Accessories on Macaque Welfare Poster Presenter: Brianna N. Gaskill (Cambridge, United States)
09:43 – 09:46	PC068	Refinements for Cranial Implant Application in Macaca Fascicularis Poster Presenter: Carlotta Lambertini (Bologna, Italy)
09:46 – 09:49	PC070	Genetic Assays as Tool for Conservation Management of Non-human Primate Species Poster Presenter: Jan Langermans (Rijswijk, Netherlands)
09:49 – 09:52	PC073	Management of Newborn Triplets in a Marmoset Breeding Unit: Example of a Successful Approach Poster Presenter: Gabriel Le Texier (Baugy, France)
09:52 – 09:55	PC128	Evaluation of Structural Environment and Implementation of Novel Foraging Strategies in NHP/Large Animals Poster Presenter: Nadine E. Suendermann (Castrop-Rauxel, Germany)
09:55 – 09:58	PC145	Refining Weight Monitoring in Rhesus Macaques (<i>Macaca mulatta</i>): Use of Percentile Growth Curves Poster Presenter: Claire Witham (Salisbury, United Kingdom)
09:58 – 10:01	PD024	The NHP-specific FELASA Course: Practical Training in a Skills Lab Poster Presenter: Björg Pauling (Göttingen, Germany)
10:01 – 10:04	PE058	A Comparison of Three Viral Infections with Radiomics; What Can't We See? Poster Presenter: Marieke Stammes (Rijswijk, Netherlands)
<hr/>		
09:35 – 10:10	P3AM2	It's All About Education and Training - Station 2 (Trianti Balcony, floor +1) Chair: Klas Abelson (Copenhagen, Denmark)
09:35 – 09:37		Introduction Speaker: Klas Abelson (Copenhagen, Denmark)
09:37 – 09:40	PA007	The 3Rs, Essential in Teaching Activities at Oniris VetAgroBio Nantes, France Poster Presenter: Jean-Claude Desfontis (Nantes, France)
09:40 – 09:43	PC084	Training in Animal Experimentation: ComED's Initiatives in Distance Learning, Ethical Practices, and Mentorship Programs Poster Presenter: Astrid Smits (Leverkusen, Germany)
09:43 – 09:46	PD017	Establishment of a National Training Program for Trainees and Technicians Poster Presenter: Sonja Kunath (Cologne, Germany)
09:46 – 09:49	PE020	MorphoPHEN: a Joint European Master Degree on Human Diseases Models Morphological Phenotyping Poster Presenter: Livia D'Angelo (Naples, Italy)
09:49 – 09:52	PE031	Development of Training Simulator for Laboratory Animal Experiment Poster Presenter: Eun Kang (Seoul, Korea, Republic of)
09:52 – 09:55	PE040	Education in Laboratory Animal Science Using the Adaptable Online Platform LAS Interactive Poster Presenter: Nicole Linklater (Brussel, Belgium)
09:55 – 09:58	PE047	Embedding a 3Rs Strategy into a Training Framework Poster Presenter: Joanna Moore (Glasgow, United Kingdom)
09:58 – 10:01	PE054	Mapping the Educational 3Rs Activities by Developing a Database of Training Programs in Europe Poster Presenter: Bogdan Sevastre (Cluj-Napoca, Romania)
10:01 – 10:04	PE066	The Development of a Three-stage Training Program on Performing Non-Clinical Studies in Lab Animals

Poster Presenter: Maria Anna Tsoutsou (Athens, Greece)

09:35 – 10:10	P3AM3	It's About Mental Health - Station 3 (Banquet Level, floor -2)
09:35 – 09:37		Chair: Chryssa Bekiari (Thessaloniki, Greece)
09:37 – 09:40	PD027	Introduction
09:40 – 09:43	PA012	Speaker: Chryssa Bekiari (Thessaloniki, Greece)
09:43 – 09:46	PC027	Rodent Euthanasia: The Role of Animal Welfare Expert in Soothing This Emotional Burden
09:46 – 09:49	PC080	Poster Presenter: Coline Sagot (L'Arbresle, France)
09:49 – 09:52	PD001	A Survey on Perceptions on Using Animal and Non-animal Models in Biomedical Research
09:52 – 09:55	PD010	Poster Presenter: Lena William-Olsson (Gothenburg, Sweden)
09:55 – 09:58	PD012	Cross-sectional Study in Argentina: First Approach to the Human-Laboratory Animal Interactions
09:58 – 10:01	PD039	Poster Presenter: Silvina L. Diaz (Buenos Aires, Argentina)
		Building a Platform for Experimental Protocols and DOPs to Improve Animal Welfare and Science
		Poster Presenter: Mienieke Luijendijk (Utrecht, Netherlands)
		Mental Health of Apprentices During First-ever Experience with Laboratory Animals
		Poster Presenter: Christine Bauer (Basel, Switzerland)
		Quality of Life in Laboratory Animal Professionals: Fatigue and Satisfaction in a Brazilian Institution
		Poster Presenter: Isabel Freire (Rio de Janeiro, Brazil)
		Learning from Failure: Fostering a Culture of Care
		Poster Presenter: Robin Kastenmayer (Gaithersburg, United States)
		Introducing Low Stress Handling in an Oncology CRO: Strategy and Impact on Staff
		Poster Presenter: Nina Zanella (Freiburg, Germany)
09:35 – 10:10	P3AM4	It's About Animal Welfare - Station 4 (Banquet Level, floor -2)
09:35 – 09:37		Chair: Otto Kalliokoski (Copenhagen, Denmark)
09:37 – 09:40	PE053	Introduction
09:40 – 09:43	PC006	Speaker: Otto Kalliokoski (Copenhagen, Denmark)
09:43 – 09:46	PC030	Integrating AI in Animal Welfare: A Chatbot for Humane Endpoints in Laboratory Research
09:46 – 09:49	PC085	Poster Presenter: Jivago Rolo (Brasilia, Brazil)
09:49 – 09:52	PC089	Considerations for Improving Animal Husbandry Practices for Laboratory Rodents
09:52 – 09:55	PC101	Poster Presenter: Paul B. Bernard (Charlottetown, Canada)
09:55 – 09:58	PE076	Automated Behavioral and Metabolic Phenotyping of Individual Rodents in a Social Group
09:58 – 10:01	PC114	Poster Presenter: Irina Distergoft (Berlin, Germany)
10:01 – 10:04	PC105	Digital Ventilated Cage Interlinking: Home-cage Monitoring System to Improve Welfare in Mouse Behavioural Testing
		Poster Presenter: Silvia Mandillo (Monterotondo scalo (Rome), Italy)
		Reducing Weaning Stress in Mouse Offspring: The Benefits of Maintaining Familiar Environments
		Poster Presenter: Ann-Mari Mikkola-Bergqvist (Solna, Sweden)
		Corticosterone Measurement in Hair as an Early Indicator of Chronic Stress in Laboratory Mice
		Poster Presenter: Solenn Percelay (Archamps, France)
		Development and Characterization of a Large Colony Cage for Rat Toxicity Studies
		Poster Presenter: Jan Weidenbusch (Darmstadt, Germany)
		Pride and Prejudice – the True Story of a Rodent Low Stress Handling Implementation
		Poster Presenter: Coline Sagot (L'Arbresle, France)
		Can Scented Gnaw Sticks Provide Better Environmental Enrichment to Single-House Mice?

10:01 – 10:04	PC105	Can Scented Gnaw Sticks Provide Better Environmental Enrichment to Single-House Mice? Poster Presenter: Angelica Petersson (Gothenburg, Sweden)
09:35 – 10:10	P3AM5	It's About Better Planning for Better Studies - Station 5 (Banquet Level, floor -2) Chair: Aurora Brønstad (Norway)
09:35 – 09:37		Introduction Speaker: Aurora Brønstad (Norway)
09:37 – 09:40	PA004	Strategies for the Implementation of the 3Rs in Research and Development Institutions in Uruguay Poster Presenter: Martín Breijo (Montevideo, Uruguay)
09:40 – 09:43	PA025	Systematic Review Reduces False Positive Interpretations of Animal Experiments Data Poster Presenter: Vladimir Popov (Moscow, Russian Federation)
09:43 – 09:46	PB024	Welfare Implications Related to Sex in a Rat Thoracic Spinal Cord Injury Model Poster Presenter: Ansar Fasaludeen (Copenhagen, Denmark)
09:46 – 09:49	PC053	Modest Differences in Mental and Physical Health of Male Mice under Different Housing Conditions Poster Presenter: Jaimie Hak (Utrecht, Netherlands)
09:49 – 09:52	PD022	Change Management Improving the Merck 4Rs (REPLACE, REDUCE, REFINE, RESPONSIBILITY) in Contract Research Poster Presenter: Amanda Novak (Edinburgh, United Kingdom)
09:52 – 09:55	PE004	Barriers and Enablers to Conducting Systematic Reviews at a German University Medical Center Poster Presenter: Alexandra Bannach-Brown (Berlin, Germany)
09:55 – 09:58	PE010	ASSET International Project: Digital Tools for the Management and Sharing of Research Animal Samples Poster Presenter: Leif Carlsson (Umeå, Sweden)
09:58 – 10:01	PE075	Improving Translatability of Preclinical Stroke Models Through Systematic Review: Focus on Biological Sex Poster Presenter: Sofija Vojvodic (Berlin, Germany)
10:01 – 10:04	PA027	PubCompare: Enhancing Protocol Search, Comparison, and Reproducibility in Preclinical Research Poster Presenter: Jivago Rolo (Brasilia, Brazil)

**The Discovery™ IVC System and Envision™ software
provide unparalleled insights into
animal behavior and cage environments**

Discovery™

Envision™ Software



The partnership between JAX and Allentown brings together the most advanced technologies in digital in vivo monitoring and animal housing. By combining JAX's Envision platform with Allentown's Discovery™ IVC rack, researchers are now empowered with a comprehensive, integrated solution that is setting new standards for how research is conducted.

Tuesday, June 3, 2025

P3PM | 16:05 – 16:40

16:05 – 16:40	P3PM1	It's About Fish and Future Changes - Station 1 (Trianti Balcony, floor +1) Chair: Suzanne Brandt (Bergen, Norway)
16:05 – 16:07		Introduction Speaker: Suzanne Brandt (Bergen, Norway)
16:07 – 16:10	PB023	Transgenic and Archiving Module: Implementation and Enforcement of the 3Rs Principle Poster Presenter: Lucie Dufkova (Prague, Czech Republic)
16:10 – 16:13	PB049	Humane Endpoints in Regulatory Toxicology in Fishes Poster Presenter: Chloe Stevens (Horsham, United Kingdom)
16:13 – 16:16	PC020	Using Filters in the Sump for Monitoring Health of Laboratory Zebrafish Poster Presenter: Amanda Darbyshire (West Lafayette, United States)
16:16 – 16:19	PC033	Experimental Zebrafish Husbandry of Safety Level 2 at the Maxplanck Institute for Infection Biology Poster Presenter: Antje Dreyer (Berlin, Germany)
16:19 – 16:22	PC037	It's All about Big Data - How Digital Mouse Caging Advances the 3Rs Poster Presenter: Sara Fuochi (Apt, France)
16:22 – 16:25	PC060	Optimized Breeding Strategies for <i>Nothobranchius furzeri</i>: Enhancing Welfare and Reproducibility Poster Presenter: Beate Hoppe (Jena, Germany)
16:25 – 16:28	PC140	Zebrafish Environmental Enrichment: A Behavioural Assessment Poster Presenter: Joe Warmesley (London, United Kingdom)

16:05 – 16:40	P3PM2	It's All About Anesthesia and Pain Management - Station 2 (Trianti Balcony, floor +1) Chair: Maria Kamper (Manchester, United Kingdom)
16:05 – 16:07		Introduction Speaker: Maria Kamper (Manchester, United Kingdom)
16:07 – 16:10	PA021	Effects of Sex Differences in General Anesthesia Poster Presenter: Tryfon Chatzimanou (Thessaloniki)
16:10 – 16:13	PB031	Analgesic refinement of a murine orthotopic xenograft model for acute lymphoblastic leukemia Poster Presenter: Simone Kumstel (Rostock, Germany)
16:13 – 16:16	PB045	Pain Relief and Recovery: Comparison of Oral Analgesics for Telemeter Implantation in Mice Poster Presenter: Tim Schreiber (Rostock, Germany)
16:16 – 16:19	PC002	Refined Post-anesthetic Recovery of Göttingen Minipigs Poster Presenter: Carina Anker (Dalmoose, Denmark)
16:19 – 16:22	PC069	Local Anesthetic Techniques for Thoracic Surgery in Pigs Poster Presenter: Carlotta Lambertini (Bologna, Italy)
16:22 – 16:25	PC075	Vatinoxan Increases Medetomidine, Midazolam, and Fentanyl Concentrations in Rat Central Nervous Tissue Poster Presenter: Emily Lindh (Helsinki, Finland)
16:25 – 16:28	PC079	Adjustment of Anesthesia Protocol in Experiments with Pigs Anesthetized for More than 10 Hours Poster Presenter: Vanessa Louzier (Marcy l'Etoile, France)
16:28 – 16:31	PC111	Serum Buprenorphine in Mice after Dietary Dosing Poster Presenter: Henrik Rasmussen (Oslo, Norway)
16:31 – 16:34	PC136	Effects of Repeated Anesthesia of Laboratory Mice with Isoflurane, Nitrous Oxide and Sevoflurane Poster Presenter: Philipp Villiger (Zürich, Switzerland)

16:05 – 16:40	P3PM3	It's About the Animal Model - Station 3 (Banquet Level, floor -2)
16:05 – 16:07		Chair: Karen Mulkijanyan (Tbilisi, Georgia)
16:07 – 16:10	PC092	Introduction Speaker: Karen Mulkijanyan (Tbilisi, Georgia)
16:10 – 16:13	PB010	<i>Ceratonía siliqua</i> in the Rat Osteoporosis Animal Model: Implementing a Culture of Care Poster Presenter: Anna- Aikaterini Neri (Athens, Greece)
16:13 – 16:16	PB048	Comparison of Double Chamber and Whole-body Plethysmography in Guinea Pig Cough Assessment Poster Presenter: Tomas Buday (Martin, Slovakia)
16:16 – 16:19	PB051	Refinement of a Porcine Model of Abdominal Aortic Aneurysm Poster Presenter: Marta Stei (Bonn, Germany)
16:19 – 16:22	PC099	Multimodal Research Approach in Noninvasive Perinatal Hypoxia in Rats Poster Presenter: Sara Trnski Levak (Zagreb, Croatia)
16:22 – 16:25	PC123	Effects of Diabetes Mellitus on Mandibular Growth in Rats with Different Masticatory Force Loading Poster Presenter: Nearchos Panayi (Nicosia, Cyprus)
16:25 – 16:28	PE067	Drugs Used for Sedation Influences Mosquito Feeding and Viability in Malaria Transmission Poster Presenter: Marieke Stammes (Rijswijk, Netherlands)
16:28 – 16:31	PE070	Patient-derived Xenograft and Organoids Models for Study of Anticancer Drugs Efficacy Poster Presenter: Radka Vaclavikova (Prague, Czech Republic)
16:31 – 16:34	PE074	Evaluating Animal Models to Unravel the Complexities of Post-acute Sequelae of COVID-19 Poster Presenter: J. van der Bie (Rijswijk, Netherlands)
		GLP Toxicity Assessment of Novel Intranasal Adenovirus-based COVID-19 Vaccination, COV2, in Rat Poster Presenter: Mikko Voipio (Turku, Finland)
<hr/>		
16:05 – 16:40	P3PM4	It's About Improving Welfare - Station 4 (Banquet Level, floor -2)
16:05 – 16:07		Chair: Petra Seebeck (Zurich, Switzerland)
16:07 – 16:10	PB003	Introduction Speaker: Petra Seebeck (Zurich, Switzerland)
16:10 – 16:13	PB041	Evaluation of a Prolonged Adaptation Period on Mouse Grimace Scale Baselines Poster Presenter: André Bleich (Hannover, Germany)
16:13 – 16:16	PC005	A Comprehensive Welfare Scoring System for Graft Versus Host Disease in Humanised Mouse Models Poster Presenter: Alice Nowak (Cambridge, United Kingdom)
16:16 – 16:19	PC113	Descriptive Study of Clinical Signs in Laboratory Mice in an Experimental and Breeding Facility Poster Presenter: Sergio Berdun (Barcelona, Spain)
16:19 – 16:22	PC144	Advancing Canine Welfare Monitoring: Integrating Machine Learning for Personalised Behavioural Analysis Poster Presenter: Henning Richter (Zurich, Switzerland)
16:22 – 16:25	PD030	Habituating Mice to Metabolic Cages Prior to Experimentation to Reduce Acute Stress Poster Presenter: Lena William-Olsson (Gothenburg, Sweden)
16:25 – 16:28	PE029	Promoting Humane Research Practices: Transitioning to Non-Aversive Handling Methods for Improved Animal Welfare Poster Presenter: Sergi Sunyé (Badalona, Spain)
16:28 – 16:31	PE062	Rehoming Laboratory Beagles from Pharmaceutical Company – Part of Organizational Responsibility in CoC Poster Presenter: Noora Holk (Turku, Finland)
16:31 – 16:34	PC093	Establishment of a Severely Immunodeficient NOG Mouse Strain Exhibiting a Short-limbed Phenotype Poster Presenter: Riichi Takahashi (Kawasaki, Japan)
		Refining the Ovariectomized Rat Model for Postmenopausal Research: Enhancing Animal Welfare and Research Outcomes

Poster Presenter: Anna- Aikaterini Neri (Athens, Greece)

16:05 – 16:40	P3PM5	It's All About Refinement - Station 5 (Banquet Level, floor -2) Chair: Michail Pavlidis (Heraklion, Greece)
16:05 – 16:07		Introduction Speaker: Michail Pavlidis (Heraklion, Greece)
16:07 – 16:10	PA001	Improving Your Study Outcome by Using the Resource Blood in Mouse Experiments Poster Presenter: Elise Arlt (Halle (Saale), Germany)
16:10 – 16:13	PB005	Refining Blood Sampling in Rodents - Reflections From a FELASA Working Group Poster Presenter: Dolores Bonaparte (Amsterdam, Netherlands)
16:13 – 16:16	PB006	Refined Tamoxifen Administration in Mice Via Encouraged Voluntary Consumption Poster Presenter: Thorsten Buch (Schlieren, Switzerland)
16:16 – 16:19	PB026	Refinement of chimerism evaluation of humanized mice through digital PCR low blood volume analysis Poster Presenter: Sarah Hansen (Columbia, United States)
16:19 – 16:22	PB047	A Refined Method for Fecal Matter Transplantation Poster Presenter: Dorte B. Sørensen (Frederiksberg C, Denmark)
16:22 – 16:25	PB055	Mouse Model of Mild/Moderate DNCB-induced Atopic Dermatitis as a Tool for Preclinical Drug Testing Poster Presenter: Maria Wallert (Jena, Germany)
16:25 – 16:28	PC008	Comparative Analysis of Sperm Parameters between Different Mouse Strains Poster Presenter: Konstantinos Bozonelos (Thessaloniki, Greece)
16:28 – 16:31	PC142	Refinement by Gentle Handling of Mice Affects Oral-dosing Pharmacokinetic End Points and Reduces Stress Poster Presenter: Elin M Weber (Uppsala, Sweden)
16:31 – 16:34	PE063	Automated Home-cage Monitoring: Bridging Refinement and Sustainability in Animal Research Poster Presenter: Catriene Thuring (Groningen, Netherlands)

Wednesday, June 4, 2025

P4AM | 09:35 – 10:10

09:35 – 10:10	P4AM1	It's About Procedures and Good Practices - Station 1 (Trianti Balcony, floor +1) Chair: Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)
09:35 – 09:38		Introduction Speaker: Christian Schnell (Zürich, Switzerland - Hégenheim, France, France)
09:38 – 09:41	PA024	Using Species Selection to Reduce the Severity in Animal Research-A Qualitative Interview Study Poster Presenter: Marita Meurer (Hannover, Germany)
09:41 – 09:44	PA032	Education and Regulation in Animal Research: Ethics, Skills, and Responsible Practice Poster Presenter: Sam Van der Tuin (Leiden, Netherlands)
09:44 – 09:47	PB034	Capillary Micro Sampling in Mice and Rats Poster Presenter: Ida Lorenzen (Lille Skensved, Denmark)
09:47 – 09:50	PB050	Unveiling the Differences: How Oral Administration Methods Shape Pharmacokinetic Outcomes Poster Presenter: Ryan Tisdale (Basel, Switzerland)
09:50 – 09:53	PB052	Quality Checklist for an Entrusted Performance Assessment Poster Presenter: Felicia van der Flier (Utrecht, Netherlands)
09:53 – 09:56	PC022	Evaluation of Retroorbital (Retrobulbar) Blood Sampling in Rodents Poster Presenter: Ádám Deák (Debrecen, Hungary)
09:56 – 09:59	PC054	Use of Vascular Access Buttons for Drug Administration and Blood Sampling in the Rabbit Poster Presenter: Ed Hale (Leicester, United Kingdom)
09:59 – 10:02	PC071	Ways to Extend Catheter Patency Duration and Improve Animal Welfare in Rodents Poster Presenter: Paul Loughnane (Plymouth Meeting, United States)
10:02 – 10:05	PC088	Improving Animal Welfare and Research Outcomes: Refining Orogastric and Intravenous Administration in Rats Poster Presenter: Ilaria Menghetti (Bologna, Italy)

09:35 – 10:10	P4AM2	It's All About Communication - Station 2 (Trianti Balcony, floor +1) Chair: Sally Robinson (Manchester, United Kingdom)
09:35 – 09:37		Introduction Speaker: Sally Robinson (Manchester, United Kingdom)
09:37 – 09:40	PA023	Promoting Global Ethical Standards and Cultural Competency in Animal Research Poster Presenter: Jenny Parks (Southampton, United Kingdom)
09:40 – 09:43	PD003	Leadership Strategies for Cultivating a Culture of Care in a Laboratory Animal Facility. Poster Presenter: Martin Carlsen (Ganløse, Denmark)
09:43 – 09:46	PD015	„ZPF-Voices“: Let ALL People Speak! Poster Presenter: Merle Kempfert (Im Neuenheimer Feld 280, 69120 Heidelberg, Germany)
09:46 – 09:49	PD013	Integrating Animal Care Staff and Laboratory Technicians in Research: Researchers' Perspectives Poster Presenter: Rohish Kaura (Tartu, Estonia)
09:49 – 09:52	PD014	Do We Really Communicate? Improving Communication among Stakeholders in Animal Research Poster Presenter: Rohish Kaura (Tartu, Estonia)
09:52 – 09:55	PD025	Inform – Connect – Innovate The Way of the Austrian 3R Center Poster Presenter: Birgit Reininger-Gutmann (Graz, Austria)
09:55 – 09:58	PD028	Symphony of Compassion: Ethical Treatment of Animals in Scientific Inquiry Poster Presenter: Elizabeth Nunamaker (United States, United States)
09:58 – 10:01	PD034	From Adversaries to Allies: Building Stronger Bridges Between Researchers and Veterinarians in Animal Research Poster Presenter: Nina Trimmel (Linz, Austria)

10:01 – 10:04	PE017	Opening the Doors: USARO's Vision for Strengthening Connections in Animal Research Poster Presenter: Paula Clifford (Washington DC, United States)
10:04 – 10:07	PD016	In Vivo Openness for Everyone, by Everyone Poster Presenter: Angelica Petersson (Gothenburg, Sweden)
09:35 – 10:10	P4AM3	It's All About GMO - Station 3 (Banquet Level, floor -2) Chair: Aurora Brønstad (Norway)
09:35 – 09:37		Introduction Speaker: Aurora Brønstad (Norway)
09:37 – 09:40	PB014	Biosecurity and ART in Mouse: Literature Review and Ten Years Retrospective Activity Analysis Poster Presenter: Jean Cozzi (Lyon, France)
09:40 – 09:43	PB015	Controlling Genetic Integrity in Mouse Research Models: The GenoCheck Service Poster Presenter: Jean Cozzi (Lyon, France)
09:43 – 09:46	PB016	Breaking the Year Barrier Ethically: Accelerated Backcrossing in Mice Using IVF and SNP Techniques Poster Presenter: Jean Cozzi (Lyon, France)
09:46 – 09:49	PC108	Non-Invasive Method for Mouse Genotyping: Combining Ethics and Collaboration Animal Facility / Research Teams Poster Presenter: Séverine Platel (Marseille, France)
09:49 – 09:52	PC119	Determination of Murine Colony Weaning Rate by Using Laboratory Animal Breeding Software Mosaic Vivarium Poster Presenter: Doris Schneller (Heidelberg, Germany)
09:52 – 09:55	PC147	Genetic Quality Control: Essential Tools for Research Reproducibility Poster Presenter: Atsushi Yoshiki (Tsukuba, Japan)
09:55 – 09:58	PE006	Utilizing Hematopoietic Stem Cells for Controlled FXN Expression as Gene Therapy for Friedreich's Ataxia Poster Presenter: Christina Beta (Thessaloniki, Greece)
09:58 – 10:01	PE025	Development of Motorized and Automated Micromanipulation Systems for Reproductive Engineering Poster Presenter: Tomoo Eto (Kawasaki, Japan)
10:01 – 10:04	PE027	Reproductive Sciences: Supporting the Animal Experimentation of Tomorrow Poster Presenter: Grégory Chevillard (Le Genest-Saint-Isle, France)
09:35 – 10:10	P4AM4	It's All About Pain Management - Station 4 (Banquet Level, floor -2) Chair: Petra Seebeck (Zurich, Switzerland)
09:35 – 09:38		Introduction Speaker: Petra Seebeck (Zurich, Switzerland)
09:38 – 09:41	PA022	Long-acting Analgesia (Rodents) – Bench to Bedside Poster Presenter: Cholawat Pacharinsak (Stanford, United States)
09:41 – 09:44	PB020	Feedback on the Use of Monoclonal Antibodies in Dog and Cat Pain Management Poster Presenter: Jean-Claude Desfontis (Nantes, France)
09:44 – 09:47	PB032	Comparison of Analgesics in the Murine Bile Duct Ligation Model Poster Presenter: Emily Leitner (Rostock, Germany)
09:47 – 09:50	PB053	Benefit of Doubt: Test Analgesia to Refute or Confirm Counteractivity with an Experimental Model Poster Presenter: Leonie van Rijt (Amsterdam, Netherlands)
09:50 – 09:53	PC011	Optimizing Pain Management Protocols: A Survey on Sustained-Release Buprenorphine in Laboratory Rodents Poster Presenter: Petra Buhr (Copenhagen, Denmark)
09:53 – 09:56	PC095	Patch Perfect: Using Fentanyl Transdermal Patches for Pain Management in Göttingen Minipigs After Thoracotomy Poster Presenter: Filipe Nunes (Gothenburg, Sweden)
09:56 – 09:59	PC130	Assessing Lidocaine-based Analgesia for Mouse Ear Notching: Insights into Strain-Specific Reactions Poster Presenter: Anni Tenhunen (Helsinki, Finland)

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

Wednesday, June 4, 2025

P4MD | 13:15 – 13:55

13:15 – 13:55	P4MD1	It's About Housing and Husbandry - Station 1 (Trianti Balcony, floor +1) Chair: Sabrina Ravel (France)
13:15 – 13:17		Introduction Speaker: Sabrina Ravel (France)
13:17 – 13:20	PC013	Chlorine Levels In Drinking Water Impact Intestinal Flora of Guinea Pigs Poster Presenter: Carmen Calabresi (Milan, Italy)
13:20 – 13:23	PC026	Digital Ventilated Cages for Data Acquisition of Animal Activity and Bedding Conditions in Mice Poster Presenter: Shakthi Devan (Bangalore Karnataka, India)
13:23 – 13:26	PC042	What You Didn't Bargain for in Your Diet and Bedding! Poster Presenter: Wairimu Gatome (Margate, United Kingdom)
13:26 – 13:29	PC107	Water Activation Multicomponent System (WAMS) for Animal Facilities Poster Presenter: Giorgi Phichkhaia (Tbilisi, Georgia)
13:29 – 13:32	PC115	Changing Rodent Formula in Rodent Breeding Establishments: Why and How? Poster Presenter: Coline Sagot (L'Arbresle, France)
13:32 – 13:35	PC134	Together or Alone? Huddling Energetic Savings in Three Social Mole-rat Species Poster Presenter: Zuzana Vavrušková (České Budějovice, Czech Republic)
13:35 – 13:38	PC137	Raising Bearded Dragons: Advances in Husbandry, Health and Breeding Poster Presenter: Nina Vogt (Frankfurt, Germany)
13:38 – 13:41	PD002	Scoring Housings for Macaques: A Tool to Foster Husbandry Improvements Poster Presenter: Helen Beyer (Niederhausbergen, France)
13:41 – 13:44	PE003	Setting Up an Electronic Animal Management Database (Tips from the Trenches), a Canadian Perspective Poster Presenter: Kathleen Banks (Vancouver, Canada)
13:44 – 13:47	PE034	The AK KAB Cage Reprocessing Working Group: Information about Latest Brochure 7th Edition 2024 Poster Presenter: Florian Kellner-Fendt (Hohenpeissenberg, Germany)

13:15 – 13:55	P4MD2	It's About Refinement by New Technologies - Station 2 (Trianti Balcony, floor +1) Chair: Cristin Coman (Bucharest, Romania)
13:15 – 13:17		Introduction Speaker: Cristin Coman (Bucharest, Romania)
13:17 – 13:20	PA028	Integrating Artificial Intelligence in Ethical Evaluation: A Model for Brazil's IACUCs/CEUAs Poster Presenter: Jivago Rolo (Brasilia, Brazil)
13:23 – 13:26	PB001	Magnetic Resonance Imaging for Blood-brain Barrier Dysfunction Early Detection: Improving Non-invasive Following-up Poster Presenter: María Luz Alonso-Alonso (Santiago de Compostela, Spain)
13:26 – 13:29	PB011	Ultrasound Imaging to Reduce Severity in Animal Research Poster Presenter: Hanna Bueno Levy (REHOVOT, Israel)
13:29 – 13:32	PC052	The Use of RADAR to Detect Vital Signs in Laboratory Animals Poster Presenter: Ulrike Hahn (Tuebingen, Germany)
13:32 – 13:35	PC072	Detection of Pre-weaning Health in Mice Using Home Cage Activity Monitoring Poster Presenter: Jessica Law (Oxford, United Kingdom)
13:35 – 13:38	PE001	Artificial Intelligence and Comprehensive Management of Animal Facilities: Advantages and Future Outlook Poster Presenter: Rafael Alayón Afonso (Aruca, Spain)

13:38 – 13:41	PE008	The Use of Artificial Intelligence (AI) I Teaching Poster Presenter: Suzanne Brandt (Bergen, Norway)
13:41 – 13:44	PE013	3D Printing in Laboratory Animal Science: Where 3D meets the 3Rs Poster Presenter: Diego Celdran-Bonafonte (Tucson, United States)
13:44 – 13:47	PE068	Integrating Fluorescence Bioimaging and LC-MS for Refining Animal-Based Pharmacokinetics Studies Poster Presenter: Claudia Valeri (Rome, Italy)
13:47 – 13:50	PE078	Dietary Ingredients Impact Background Fluorescence Signals during In Vivo Imaging in Mice Poster Presenter: Steven Yeung (New Brunswick, United States)
13:50 – 13:53	PE079	Non-invasive Imaging as a Tool for 3R Principles: Assessment of Chemotherapy-Induced Cardiovascular Toxicity Poster Presenter: Ying Zhao (Stockholm, Sweden)
<hr/>		
13:15 – 13:55	P4MD3	It's All About Breeding and Colony Management - Station 3 (Banquet Level, floor -2) Chair: Jan-Bas Prins (Leiden, Netherlands)
13:15 – 13:17		Introduction Speaker: Jan-Bas Prins (Leiden, Netherlands)
13:17 – 13:20	PA005	Optimizing Laboratory Animal Breeding by Data-driven Management and Interaction with Animal Technicians Poster Presenter: Inga Bruesch (Hannover, Germany)
13:20 – 13:23	PB017	Enhancing Mouse Research Model Colony Management and the 3Rs through Sperm and Blastocyst Genotyping Poster Presenter: Jean Cozzi (Lyon, France)
13:23 – 13:26	PB018	Managing Genetically Engineered Animals Through the Lens of the 3Rs Poster Presenter: Jean Cozzi (Lyon, France)
13:26 – 13:29	PB039	Prediction of Germline Transmission Using STR Analysis Achieves an Enormous Reduction in Animal Numbers Poster Presenter: Ronald Naumann (Leipzig, Germany)
13:29 – 13:32	PB058	The Latest Pathological Background Data Analysis of Rash2 Mice over a 26-week Experimental Period Poster Presenter: Masahiko Yasuda (Kawasaki, Japan)
13:32 – 13:35	PC019	Genetically Modified Colonies: Innovation to Enhance Management Processes Poster Presenter: Jean Cozzi (Lyon, France)
13:35 – 13:38	PC048	Reimagining the Role of the Colony Technician Poster Presenter: Gail Gilmour (Dundee, United Kingdom)
13:38 – 13:41	PC094	We are Just Warming Up: Non-invasive Monitoring of the Poikilothermy-endothermy Transition in Mouse Pups Poster Presenter: Bárbara Noronha Bastos (Porto, Portugal)
13:41 – 13:44	PC112	Colony Managers in the Netherlands Poster Presenter: Daphne Reijnen (Nijmegen, Netherlands)
13:44 – 13:47	PE039	Analyzing Strain-specific Ultrasonic Vocalizations in Mouse Pups on Postnatal Day Eight Using DeepSqueak Poster Presenter: Andrea Stephanie Leuthardt (Zurich, Switzerland)
<hr/>		
13:15 – 13:55	P4MD4	It's All About Openness and Transparency - Station 4 (Banquet Level, floor -2) Chair: Javier Guillén (Pamplona, Spain)
13:15 – 13:17		Introduction Speaker: Javier Guillén (Pamplona, Spain)
13:17 – 13:20	PA002	Embrace Transparency! the Future of Animal Research Is Looking Bright, Thanks to Open Communication! Poster Presenter: Sabine Juliane Bischoff (Duesseldorf, Germany)
13:20 – 13:23	PA011	Patient Discovery: Fostering Ethical Awareness and Openness in Animal Research Poster Presenter: Inês Serrenho (London, United Kingdom)
13:23 – 13:26	PA031	How to Improve Institutional Website Content about Animal Research Poster Presenter: Nuno Miguel Gonçalves (London, United Kingdom)

13:26 – 13:29	PA033	“Animal Research: What, How, and Why”. A Transmedia Approach to Shape Public Awareness Poster Presenter: Tommaso Virgilio (Bellinzona, Switzerland)
13:29 – 13:32	PD031	Openness - Facts and Plans to Inform the Lay Public Poster Presenter: Györgyi Szabó (Budapest, Hungary)
13:32 – 13:35	PD033	Guided Tours in a Laboratory Animal Husbandry Positively Change the Attitude Towards Animal Testing Poster Presenter: Katharina Tillmann (Vienna, Austria)
13:35 – 13:38	PD036	Podcast <i>Coadjuvantes da Ciência</i>: Exploring Plurality in Animal Research Communication Poster Presenter: Ana Luiza Sarkis Vieira (Brasília, Brazil)
13:38 – 13:41	PE019	The Australian and New Zealand Laboratory Animal Industry – Advocacy for a Better Future Poster Presenter: Jane Cross (Perth, Australia)
13:41 – 13:44	PE051	Stepping in Front of the Curtain – Making Biomedical Research Tangible for Pupils Poster Presenter: Birgit Reininger-Gutmann (Graz, Austria)
13:44 – 13:47	PE061	Responsible and Efficient Animal Research Through Digital Resource and Access Management Poster Presenter: Andrei Szilagyi (Iasi, Romania)
13:47 – 13:50	PE069	Visitor Survey at the Open Day Poster Presenter: Katrin van de Kamp (Bonn, Germany)
<hr/>		
13:15 – 13:55	P4MD5	It's Nothing About "Lab-Rats" - Station 5 (Banquet Level, floor -2) Chair: Aurora Brønstad (Norway)
13:15 – 13:17		Introduction Speaker: Aurora Brønstad (Norway)
13:17 – 13:20	PB012	Wild Animals in Experimental BSL-3 Studies: New Challenges Working with American Mink (<i>Neogale vison</i>) Poster Presenter: Estefanía Contreras (Barcelona, Spain)
13:20 – 13:23	PB035	From IVF to Natural Mating in <i>Xenopus laevis</i>: A 3Rs Application Poster Presenter: Ilaria Mazzeo (Trento, Italy)
13:23 – 13:26	PC012	Implementation of Tunnel Handling at a Large Animal Facility Poster Presenter: Petra Buhr (Copenhagen, Denmark)
13:26 – 13:29	PC029	Routine Husbandry Management to Ensure Welfare and Health of Laboratory Dogs, Cats and Ferrets Poster Presenter: Claire Diederich (Namur, Belgium)
13:29 – 13:32	PC050	Establishment of Naked Mole Rat Facility at the CECAD Poster Presenter: Mandy Götsche (Cologne, Germany)
13:32 – 13:35	PC086	Long-term Biocontainment and Welfare in Water Buffaloes Enrolled for Experimental Research Poster Presenter: Giusy Matteucci (Teramo, Italy)
13:35 – 13:38	PC124	Minimal Invasive Contraceptive Implants in Female Macaques Poster Presenter: Marieke Stammes (Rijswijk, Netherlands)
13:38 – 13:41	PC126	Improving Camelid Welfare Using a Mobile Application, Data Visualization and Analytics Software Poster Presenter: Edith Stuyven (Zwijnaarde - Ghent, Belgium)
13:41 – 13:44	PC127	Optimizing Procedures for GLP Study of Minimally Invasive Vertebroplasty in Experimental Sheep Poster Presenter: Yu-Chia Su (Taipei, Taiwan)
13:44 – 13:47	PE022	Tackling the Legislative Gap for Animals Listed as Invasive Alien Species Poster Presenter: J. Martje Fentener van Vlissingen (Rotterdam, Netherlands)
13:47 – 13:50	PE038	Utilizing Common Marmoset (<i>Callithrix jacchus</i>) as Models for Diabetes Research Poster Presenter: Kyoung-Sun Lee (Cheongju-si, Korea, Republic of)



MMM Group



Safe Barrier Solutions

for the Laboratory Animal Industry

Your Partner for

- | Steam Sterilizers
- | Clean Steam Generators
- | Dry Heat Sterilizers
- | VHP Decontamination Locks
- | VHP Generators



Visit us at Booth No. M07



Venticell® IL



VHP Generator

mmmgroup.com

MMM. Protecting human health.

Wednesday, June 4, 2025

P4PM | 16:05 – 16:40

16:05 – 16:40	P4PM1	It's About the People - Station 1 (Trianti Balcony, floor +1) Chair: Sally Robinson (Manchester, United Kingdom)
16:05 – 16:07		Introduction Speaker: Sally Robinson (Manchester, United Kingdom)
16:07 – 16:10	PB033	Assessing Competence, Cultivating Care: A Portuguese Collaborative Approach Poster Presenter: Sofia Leocádio (Lisbon, Portugal)
16:10 – 16:13	PB057	Practical application of the ETPLAS DOPS Poster Presenter: Lucy Whitfield (Mildenhall, United Kingdom)
16:13 – 16:16	PC010	Benchmarking Technical Staff Ratios for Laboratory Mouse Care: Progress and Preliminary Survey Results Poster Presenter: Kerstin Broich (Basel, Switzerland)
16:19 – 16:22	PD009	Exploring Workplace Well-being and the Empowering Potential of Creative Writing in Hellenic Vivariums' Personnel Poster Presenter: Eirini Fragkiadaki (Athens, Greece)
16:22 – 16:25	PD023	Animal Welfare Boards (OPBA) in Practice: Comparing European and Non-European Approaches Poster Presenter: Valeria Pagano (Palermo, Italy)
16:25 – 16:28	PD040	The Italian Animal Welfare Bodies Network: Enhancing Collaboration for Animal Welfare Poster Presenter: Paola Zarattini (Trieste, Italy)
16:28 – 16:31	PE041	Facilitating and Encouraging Preregistration Poster Presenter: Jeannette Lorteije (Nijmegen, Netherlands)
16:31 – 16:34	PE046	How to Calculate the Carbon Footprint of an Animal Facility Poster Presenter: J-P Mocho (London, United Kingdom)
<hr/>		
16:05 – 16:40	P4PM2	It's All About Health Monitoring - Station 2 (Trianti Balcony, floor +1) Chair: Cristin Coman (Bucharest, Romania)
16:05 – 16:07		Introduction Speaker: Cristin Coman (Bucharest, Romania)
16:07 – 16:10	PA008	How to Respond to an Outbreak: Effective Room Decontamination While Maximizing Animal Preservation Poster Presenter: Cécile Fant (Saint-Germain-Nuelles, France)
16:10 – 16:13	PA013	Impact of Bedding Type on Sentinel-free Soiled Bedding Animal Health Monitoring Poster Presenter: Sarah Hansen (Columbia, United States)
16:13 – 16:16	PC016	Exhaust Air Dust Testing Can Early Detect <i>Pneumocystis spp.</i> Infection – A Case Report Poster Presenter: Yen-Hui Chen (Taipei, Taiwan)
16:16 – 16:19	PC062	Myth Busting: The Truth About <i>Corynebacterium Bovis</i> Poster Presenter: Urte Jaeh (Sulzfeld, Germany)
16:19 – 16:22	PC077	Prefilter Test Matrix Placement Improves Pathogen Detection in Open Airflow IVC Racks Poster Presenter: Robert Livingston (Columbia, Missouri, United States)
16:22 – 16:25	PC117	Mouse Cage Grid Cleanliness Evaluation Extending Change Intervals from 4 to 8 Weeks Poster Presenter: Linnéa Särén (Gothenburg, Sweden)
16:25 – 16:28	PE002	Estimated PCR Prevalence of Pathogen Contamination in Research Biologics Poster Presenter: Connor Balzer (Wilmington, MA, United States)
16:28 – 16:31	PE050	The Use of Environmental Health Monitoring in Rodent Quarantine Poster Presenter: Mary Proctor (Louisville, United States)

16:05 – 16:40	P4PM3	It's All About Severity Assessment - Station 3 (Banquet Level, floor -2) Chair: Anastasia Tsingotjidou (Thessaloniki, Greece)
16:05 – 16:07		Introduction Speaker: Anastasia Tsingotjidou (Thessaloniki, Greece)
16:07 – 16:10	PB004	Severity Assessment in the DSS-Colitis Model under Metamizole Pain Therapy Poster Presenter: André Bleich (Hannover, Germany)
16:10 – 16:13	PB007	Evidence-based Severity Assessment and Validation of Refinement Measures in Rodent Epilepsy Models Poster Presenter: Verena Buchecker (Munich, Germany)
16:13 – 16:16	PB013	Reducing Experimental Severity: The Role of Oxyletpro - Physiocage System in Animal Research Poster Presenter: Ivona Costachescu (Iasi, Romania)
16:16 – 16:19	PB038	Severity Heat Maps - Developing a Consensus on Cumulative Severity Poster Presenter: Helen Murphy (Stevenage, United Kingdom)
16:19 – 16:22	PB042	The Adverse Effects of Adverse Affects Poster Presenter: Claire Pearce (London, United Kingdom)
16:22 – 16:25	PB046	Severity Assessment in Rats with Intracranial Glioma Using Voluntary Wheel Running and Weight Poster Presenter: Kerstin Schwabe (Hannover, Germany)
16:25 – 16:28	PB056	Severity Assessment in Two Experimental Models of Subarachnoid Hemorrhage in Rats Poster Presenter: Laura Warner (Aachen, Germany)
16:28 – 16:31	PB059	Do Animals Used in Research in Poland Suffer More Than in Other European Countries? Poster Presenter: Witold Żakowski (Gdansk, Poland)
16:31 – 16:34	PC031	When Can we Trust the Rat Grimace Scale? Poster Presenter: Helene Dragelund Garcia (Frederiksberg, Denmark)
<hr/>		
16:05 – 16:40	P4PM4	It's All About Welfare - Station 4 (Banquet Level, floor -2) Chair: Otto Kalliokoski (Copenhagen, Denmark)
16:05 – 16:07		Introduction Speaker: Otto Kalliokoski (Copenhagen, Denmark)
16:07 – 16:10	PA035	Revisiting the IQ CRO Assessment Tools to Align Assessment of Animal Welfare Due Diligence Poster Presenter: Christina Winnicker (Horsham, United States)
16:10 – 16:13	PC028	Evaluation of Simple Enrichment Elements on Mice Welfare by Behavioural, Neurogenic and Hormonal Factors Poster Presenter: Silvina L. Diaz (Buenos Aires, Argentina)
16:13 – 16:16	PC082	The Use of New Technologies to Improve Laboratory Animal Welfare Monitoring Poster Presenter: Munangiwa Bridget Mafukidze (Pretoria, South Africa)
16:16 – 16:19	PC097	Improving Care and Welfare in Studies Using the Cerebral Open Flow Microperfusion in Rodents Poster Presenter: Sabine Obermüller (Graz, Austria)
16:19 – 16:22	PC102	“Time for Recess!”: A Novel Approach to Enhancing Rat Welfare Through Cage Enrichment Poster Presenter: Márcia Pereira da Silva (Lisbon, Portugal)
16:22 – 16:25	PC103	Material or Habit? A Study of Bottle Preferences in Rodents Poster Presenter: Sara Perez Sanchez (Alcalá de Henares, Spain)
16:25 – 16:28	PC104	Bedding Preference. Let's Ask the Mice! Poster Presenter: Sara Perez Sanchez (Alcalá de Henares, Spain)
16:28 – 16:31	PC125	Managing of Barbering in an Animal Facility as a Benefit for 4R Poster Presenter: Sarah Stark (Cologne, Germany)
16:31 – 16:34	PC143	Aggression in Male Laboratory Mice – an Epidemiological Approach Poster Presenter: Elin M Weber (Uppsala, Sweden)

16:05 – 16:40	P4PM5	It's More About Animal Models - Station 5 (Banquet Level, floor -2) Chair: Virginie Dangles-Marie (Paris, France)
16:05 – 16:07		Introduction Speaker: Virginie Dangles-Marie (Paris, France)
16:07 – 16:10	PB027	From Caterpillar to Cat: Indirect Calorimetry as a Translational Method for Determining Metabolic Processes Poster Presenter: Guido Haschke (Giessen, Germany)
16:10 – 16:13	PB030	Investigating the Role of Hydrogen Sulfide in Osteomyelitis Using CSE Mouse Models Poster Presenter: Evangelia Karagianni (Athens, Greece)
16:13 – 16:16	PC081	Which Is the Best Animal Model to Study Osteoarthritis (OA)? Poster Presenter: Bertrand Lussier (St-Hyacinthe, Canada)
16:16 – 16:19	PC133	Successfully Implementing the CoP Perioperative Care by Hands-on Training in a Dry Lab Poster Presenter: Manon van Hulzen (Nijmegen, Netherlands)
16:19 – 16:22	PE024	Diversity Outbred mice - A Model Organism with Genetic Diversity and its Own Challenges Poster Presenter: Antje Dreyer (Berlin, Germany)
16:22 – 16:25	PE026	Verification and Validation of <i>in Vivo</i> Translational Digital Biomarkers to Advance Preclinical Animal Testing Poster Presenter: Stefano Gaburro (Buguggiate, Italy)
16:25 – 16:28	PE033	Comparison of In Vivo and In Vitro Results of Medical Devices Sensitization Testing Poster Presenter: Kristina Kejlova (Prague, Czech Republic)
16:28 – 16:31	PE059	Cutting-edge Cannabinoid Approaches for Alzheimer's: A Future-Oriented Research Perspective Poster Presenter: Gabriela-Dumitrita Stanciu (Iasi, Romania)
16:31 – 16:34	PE064	Exploring Recombinant Bacteriocins in a Murine Model of <i>Klebsiella pneumoniae</i> Infection Poster Presenter: Deimante Tilinde (Kaunas, Lithuania)

Thursday, June 5, 2025

P5AM | 10:35 – 11:10

10:35 – 11:10	P5AM1	It's All About 3Rs - Station 1 (Trianti Balcony, floor +1) Chair: Michail Pavlidis (Heraklion, Greece)
10:35 – 10:37		Introduction Speaker: Michail Pavlidis (Heraklion, Greece)
10:37 – 10:40	PA016	Board Game "Bioethics Commission' Meeting": A New Educational Approach for the 3Rs' Dissemination Poster Presenter: Ekaterina Kushnir (Moscow, Russian Federation)
10:40 – 10:43	PA018	Qualitative Exploration of the Perceptions of the 3Rs by Swiss Researchers: A Dual Loyalty? Poster Presenter: Edwin Louis-Maerten (Basel, Switzerland)
10:43 – 10:46	PC047	3Rs in Action: Insights from Standardising Health Screening at a Large UK Academic Institution Poster Presenter: Christina Gill (Oxford, United Kingdom)
10:46 – 10:49	PC100	Strategies for Improving three Rs in a Swiss Medium Size Rodent Facility Poster Presenter: Julie Parchet-Piccand (Lausanne, Switzerland)
10:49 – 10:52	PD006	The 3Rs Champions Team: Empowering Animal Technicians Poster Presenter: Gail Gilmour (Dundee, United Kingdom)
10:52 – 10:55	PD011	Advancing Animal Welfare and Ethical Research: 3R and Culture of Care Policy at UNIGE Poster Presenter: Elsa Giobellina (Geneva, Switzerland)
10:55 – 10:58	PE009	The 3Rs Grant Scheme at UNSW Sydney: Support for Development of Novel Alternatives Poster Presenter: Karen Brennan (Sydney, Australia)
10:58 – 11:01	PE048	G3RP: Good 3R Practice – Quality Management as a Basis for Animal Welfare Poster Presenter: Roberto Plasenzotti (Graz, Austria)
<hr/>		
10:35 – 11:10	P5AM2	It's All About Culture of Care - Station 2 (Trianti Balcony, floor +1) Chair: Chloe Stevens (Horsham, United Kingdom)
10:35 – 10:37		Introduction Speaker: Chloe Stevens (Horsham, United Kingdom)
10:37 – 10:40	PD004	Applying Six Sigma to Strengthen the Culture of Care Poster Presenter: Paul Friedemann Pohl (Cologne, Germany)
10:40 – 10:43	PD005	Scenarios Used as a Basis for Discussing Culture of Care in Animal Research Facilities Poster Presenter: Katarina Cvek (Jönköping, Sweden)
10:43 – 10:46	PD019	Fostering a Culture of Care: Integrating Compassion and Collaboration within a Positive Research Culture Poster Presenter: Nadine Lebrasse (London, United Kingdom)
10:46 – 10:49	PD020	A Global CRO Strategy to Foster a Strong Culture of Care Poster Presenter: Judy Murray (Wilmington, United States)
10:49 – 10:52	PD026	Designing Mental Health Program for Animal Researchers Poster Presenter: Sangho Roh (Seoul, Korea, Republic of)
10:52 – 10:55	PD035	"It's an Ant's Work": A View from the South on Culture of Care Poster Presenter: Ana Luiza Sarkis Vieira (Brasília, Brazil)
10:55 – 10:58	PD037	Uplifting Culture of Care for Animal Welfare Poster Presenter: Lena William-Olsson (Gothenburg, Sweden)
10:58 – 11:01	PE030	Bridging Leadership Gap: Manchester's Novel Postgraduate Programme in Biomedical Research Facilities Leadership and Management Poster Presenter: Maria Kamper (Manchester, United Kingdom)

10:35 – 11:10	P5AM3	It's All About Pigs and Minipigs - Station 3 (Banquet Level, floor -2) Chair: Chryssa Bekiari (Thessaloniki, Greece)
10:35 – 10:37		Introduction Speaker: Chryssa Bekiari (Thessaloniki, Greece)
10:37 – 10:40	PA026	Ethical Improvement of Efficacy Study of a New Treatment Using GOTTINGEN Minipigs Poster Presenter: Chloé Reymond (Brétigny sur Orge, France)
10:40 – 10:43	PB054	Blood Collection from the Brachial Vein in Göttingen Minipigs Poster Presenter: Sarah Lavige (Lyon, France)
10:43 – 10:46	PC014	First time in Israel, the Rehoming of Gottingen Minipigs Poster Presenter: David Castel (Rehovot, Israel)
10:46 – 10:49	PC021	Development of Monitoring Sheets for Sheep and Pigs Undergoing Cardiac Surgery Poster Presenter: Stéphanie De Vleeschauwer (Leuven, Belgium)
10:49 – 10:52	PC064	Permanent Small Intestinal Cannulation in Göttingen Minipigs – Technique and Management Poster Presenter: Cathrine Juel Bundgaard (Ganløse, Denmark)
10:52 – 10:55	PC120	Strategies for Optimization of Peri-Operative Care of Pigs Poster Presenter: Camilla Schumacher-Petersen (Måløv, Denmark)
10:55 – 10:58	PE023	Treadmill Habituation Technique for Yucatan Minipigs in Neurological Studies Poster Presenter: Alona DOUGERE (Marcy l'Etoile, France)
10:58 – 11:01	PE028	Addressing Aortic Aneurysm Disease in Human-like LDLR-/- Minipigs: From Animal Models to Clinical Applications Poster Presenter: Katrin Hanft (Munich, Germany)
11:01 – 11:04	PE042	Pig Model for an Apheresis Procedure: A Proof-of-Concept Study Poster Presenter: Genis Martinez Cuentra (Barcelona, Spain)
<hr/>		
10:35 – 11:10	P5AM4	It's All About Surgery - Station 4 (Banquet Level, floor -2) Chair: Adrian Smith (Ås, Norway)
10:35 – 10:37		Introduction Speaker: Adrian Smith (Ås, Norway)
10:37 – 10:40	PC034	Better Science by Tackling Antimicrobial Resistance with High-standard Asepsis in Experimental Rodent Surgery Poster Presenter: Cécile Fant (Saint-Germain-Nuelles, France)
10:40 – 10:43	PB022	Comparison of Different Surgical Techniques of Vasectomy in Mice Associated with Pain Control Protocols Poster Presenter: Luciene Dias (Rio de Janeiro, Brazil)
10:43 – 10:46	PC015	Bringing Experts Together for Successful Surgery: Working Well as a Team Poster Presenter: Yao Chen (Lyon, France)
10:46 – 10:49	PC025	Regulatory Training “Initiation to Surgery on Fish Used for Scientific Purposes” Poster Presenter: Jean-Claude Desfontis (Nantes, France)
10:49 – 10:52	PC038	Assessing Hygienic Working Conditions and Practices in Laboratory Rodent Surgery: An Online Survey Analysis Poster Presenter: Felix Gantenbein (Zurich, Switzerland)
10:52 – 10:55	PC043	Training Good Surgical Practice for Rodent Surgery Poster Presenter: Lena Gens (Davos, Switzerland)
10:55 – 10:58	PC055	Refining Surgical Training: An Easy-to-Set Up Fabric Mouse Model Poster Presenter: Abdessalem Hammed (Marcy l'Etoile, France)
10:58 – 11:01	PC121	Long Term Inhalation Anesthesia with Isoflurane in Sprague Dawley Rats for a Microsurgery Course Poster Presenter: Velina Siderova (Stockholm, Sweden)
11:01 – 11:04	PE014	Multicenter Validation Study of a 3D Printed Mouse Model for Surgical Training Poster Presenter: Diego Celdran-Bonafonte (Tucson, United States)
<hr/>		
10:35 – 11:10	P5AM5	It's More About Health Monitoring - Station 5 (Banquet Level, floor -2) Chair: Karen Mulkijanyan (Tbilisi, Georgia)

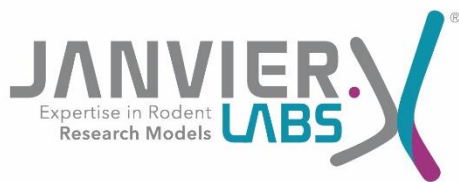
10:35 – 10:37		Introduction
		Speaker: Karen Mulkijanyan (Tbilisi, Georgia)
10:37 – 10:40	PB002	Is the Microbial Status an Extrinsic, Intrinsic, or Intermediate Influence on Experimental Animals?
		Poster Presenter: Laurentiu Benga (Düsseldorf, Germany)
10:40 – 10:43	PC056	<i>Burkholderia gladioli</i>: Presentations and Diagnosis of an Emerging Opportunistic Pathogen of Immunocompromised Rodents
		Poster Presenter: Sarah Hansen (Columbia, United States)
10:43 – 10:46	PC058	A Sentinel-Free Soiled Bedding Sampling Alternative to Direct Animal Sampling for PCR-based Rodent Quarantines
		Poster Presenter: Kenneth Henderson (Wilmington, MA, United States)
10:46 – 10:49	PC078	Sentinel-free Soiled Bedding Rodent Health Monitoring Improves Pathogen Detection And Eliminates Sentinel Rodents
		Poster Presenter: Robert Livingston (Columbia, Missouri, United States)
10:49 – 10:52	PE018	Refinements in Rodent Environmental Health Monitoring Methods
		Poster Presenter: Lucie Cote (Montreal, Canada)
10:52 – 10:55	PE037	Can We Replace Sentinels? Comparison of Sentinels to Animal Free Methods for Health Monitoring
		Poster Presenter: Monika Kozak Ljunggren (Linköping, Sweden)
10:55 – 10:58	PA009	Into the Wild Infectious Load: Rodent SPF Agents Prevalence in Wild Mammals
		Poster Presenter: Cécile Fant (Saint-Germain-Nuelles, France)

SPECIAL THANKS TO OUR SPONSORS

Gold



IDEXX BioAnalytics



Silver



Bronze





SAVE THE DATE!

June 7–10, 2027
Cologne, Germany

INNOVATION, ETHICS, AND THE 3RS IN A CHANGING WORLD



felasacongress.eu