

13th World Congress on Alternatives and Animal Use in the Life Sciences

3RS Integrating 3 Worlds

Human, Animal and Environmental Health



This program is subject to last-minute changes.
For the latest information, download the WC13
app* or visit the website:



App Store



Google Play
Store



wc13rio.org


Program

* The WC13 app is part of the Floq app

Saturday, 30 August 2025

	Room 204
09.00 - 17.00	Satellite Event - International conference on alternatives and simulation in education

Sunday, 31 August 2025

	Plenary Room	Room 203	Room 205	Room 207
09.00 - 13.00			Episkin Academy Training: Skin/Eye Irritation Using a Reconstructed Human Skin/Corneum Model	
10.00 - 13.00				Satellite Event - Systematic review and meta-analysis of preclinical and toxicological studies
13.30 - 15.30		Satellite Event - Next-Gen advanced in vitro models for NAMs		Satellite event - New Approach Methodologies (NAMs) for evaluation of agrochemical formulations
16.00 - 16.30	Opening ceremony			
16.30 - 17.30	Opening keynote: Ekaterina Rivera - It is a long way from Rome to Beijing, but it is much longer from a horse vet to alternatives			
17.30 - 19.30	Welcome reception sponsored by L'Oréal			

Monday, 1 September 2025

	Plenary Room	Room 210	Room 201	Room 203	Room 205	Room 207	Room 202
08.30 - 09.30	Keynote Sally Thompson-Iritani - Beyond Boundaries: Advancing the 3Rs for Science and Care						
09.30 - 11.00	20 Artificial Intelligence to reduce and replace animal testing	71 Integrating all 3Rs at research Institutions through training, education, and culture	84 Transitioning to animal-free chemical safety assessment	30 Global harmonization in risk assessment: Navigating the complexities of animal testing, regulatory divergence, and environmental sustainability	118 Ethics in action: Upholding the 3Rs through animal research ethical review	61 Opportunities for data-driven enhancement across human and environmental safety assessment	64 Accelerating regulatory acceptance of complex manufactured and natural products through New Approach Methodologies (NAMs)
11.00 - 11.30	Coffee break & Exhibitors						
11.30 - 13.00	135 Next-Generation Risk Assessment (NGRA)	32 'Eye-opening' education for experimenters	125 Ending 100 years of suffering: Regulatory assessment of Acute Oral Toxicity without using animals	132 Application of New Approach Methods in the safe and sustainable design of innovative products	56 Working together to end 'severe' suffering	42 Complex chemical exposure - How can in vitro bioassays improve current practice in human biomonitoring and environmental monitoring?	77 Development of non-animal methods for the identification of respiratory sensitizers: Reconciling the differences in clinical diagnosis and regulatory policies

■ Animal Health
■ Education
■ Environmental Health
■ Human Health - 3Rs

■ Human Health - Policies
■ Human Health - Replacement
■ One Health
■ Other


	Plenary Room	Room 210	Room 201	Room 203	Room 205	Room 207	Room 202
13.00 - 14.00	Lunch & Exhibitors	110 Lunch Session Workshop to expand the educational and geographical coverage of the Global Education Hub for animal-free innovation				Networking hour for Latin American researchers on New Approach Methodologies (NAMs)	142 Lunch Session Accelerating rare disease therapeutics via adoption of human biology-based non-clinical drug development in global north and global south countries
14.00 - 14.30	Poster Viewing & Exhibitors						
14.30 - 16.00	103 ASPA, the guided workflow for next-generation chemical safety assessment	122 Building an ethical and innovative career: Guidance for biology, veterinary, and medical students and professionals	127 Regulatory frameworks for complex endpoints	126 One health, many models: Computational approaches for Systemic Toxicities	94 Fishing for the 3Rs? Why using fish should not count as refinement and their suffering does matter.	63 Marine environmental safety: recent advances in NAMs to evaluate toxicity of chemicals of emerging concern in marine environments	25 3D bioprinting put towards tissue model fabrication
16.00 - 16.30	Coffee Break & Exhibitors						
16.30 - 17.30		162 Early investigators flash presentation session		183 Early Investigators Flash Presentations (Theme: Human Health - Replacement-2)		181 Early Investigators Flash Presentations (Theme: 3Rs, Policy & Education)	182 Early Investigators Flash Presentations (Theme: Human Health - Replacement-1)
	Room 205						
17.30 - 19.30	Satellite Event - Annual meeting of National Network of Alternative Methods (RENAMA) associated laboratories						

Tuesday, 2 September 2025							
	Plenary Room	Room 210	Room 201	Room 203	Room 205	Room 207	Room 202
08.30 - 09.30	Keynote Gavin Maxwell - Paradigm shift in progress: Witnessing the worldwide adoption of animal-free safety science						
09.30 - 11.00	79 Using New Approach Methods (NAMs) to derive point-of-departures (PoD) for Next Generation Risk Assessment (NGRA) of skin sensitizers: towards regulatory implementation	33 Generative AI for Drug Safety and Toxicology	75 Update to OECD Guidance Document 34 on the validation of test methods and Defined Approaches	41 NAMs as tools to operationalize One Health in human toxicology and ecotoxicology	26 One world, many standards: international perspectives on regulating the use of animals in science	39 Alternative Models for Surgical Training	44 Advanced Strategies for Implementation of the 3R Principles in Genotoxicity Assessment
11.00 - 11.30	Coffee Break - sponsored by Procter & Gamble						



WC13 is organized by



	Plenary Room	Room 210	Room 201	Room 203	Room 205	Room 207	Room 202
11.30 - 13.00	13 The journey towards animal-free systemic toxicity assessment for cosmetics	134 Exposure-based human risk assessment to minimize unnecessary animal testing for agrochemicals	48 Confidence in in vitro alternatives to animal testing - defining standards to ensure rigorous and reproducible data	78 Unveiling chemical similarity in Computational Toxicology: Navigating supervised and unsupervised approaches	99 Phase out of animal testing in veterinary vaccines batch release test - An overview of multi-stakeholders efforts	43 Hands on training in NAMs to enhance translational success	24 New Approach Methodologies (NAMs) for assessing reproductive and developmental toxicity
13.00 - 14.00	Lunch & Exhibitors	93 Lunch Session Developing disease models with local relevance: 3R model development in Africa				119 Lunch Session Next generation risk assessment for fragrance materials	6 Lunch Session Safety assessment of natural complex substances using New Approach Methodologies (NAMs)
14.00 - 14.30	Poster viewing & Exhibitors						
14.30 - 16.00		92 Integrated strategy for DART New Approach Methods	143 Sailing the seas of validation: Challenges encountered to chart the course ahead	9 Current and future directions for human and environmental exposure assessment in Next Generation Risk Assessment: From external to internal approaches across regulatory silos	55 3Rs Implementation in Brazil: a successful multi-stakeholder joint effort	54 Empowering the next generation of researchers for Next Generation Risk Assessment	46 Reflecting human diversity with in vitro models
16.00 - 16.30	Coffee break & Exhibitors						
		Room 204				Room 207	
16.30 - 18.30		Satellite Event - ICCS - Building confidence in NGRAs for cosmetics				Early career session sponsored by Unilever	

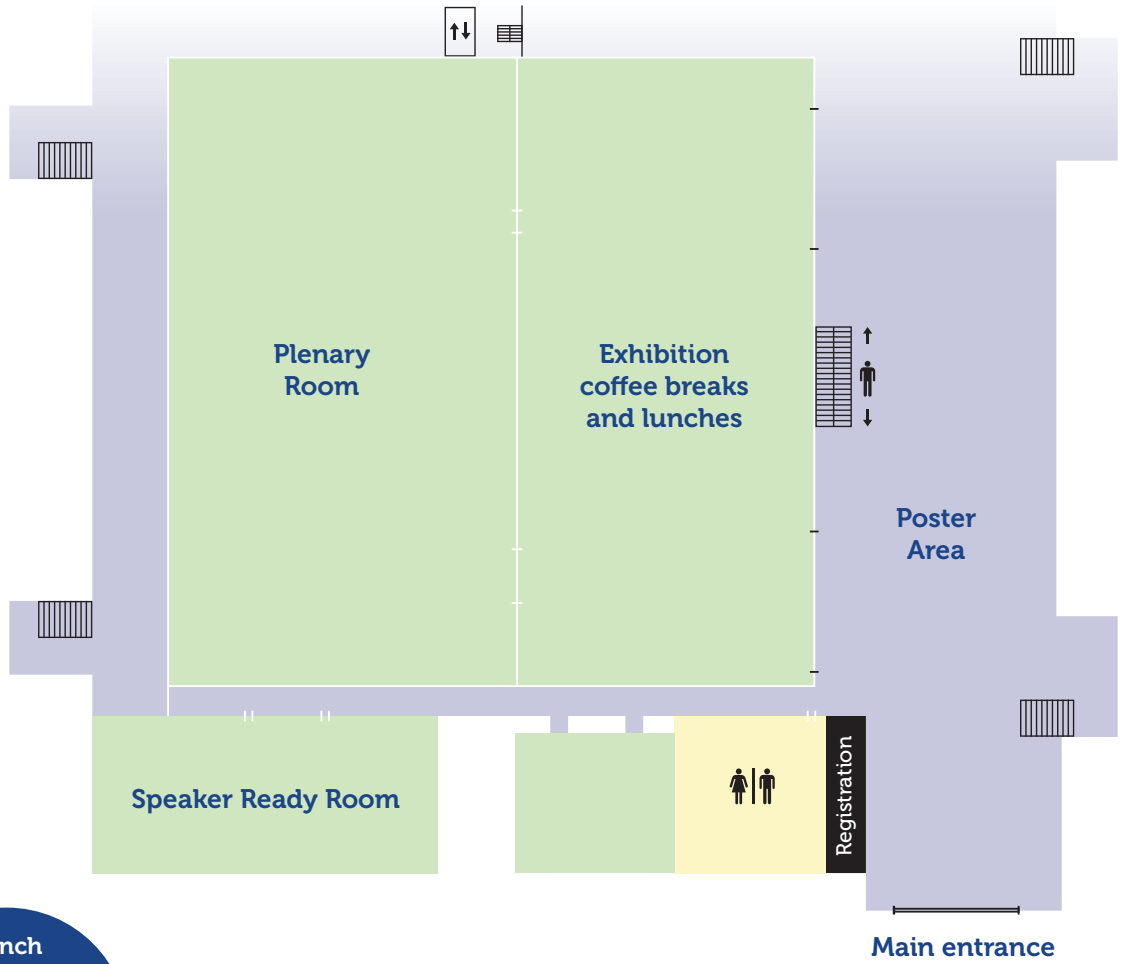
Wednesday, 3 September 2025							
	Plenary Room	Room 210	Room 201	Room 203	Room 205	Room 207	Room 202
08.30 - 09.30	Keynote Marcelo Asprea - Using the largest number of tools available in surgical education and training, reliable results are obtained						
09.30 - 11.00	102 The future is now: The power of NAMs for a global acceptance for local tolerance	62 One science: The continuum of New Approach Methodologies from research to regulation	106 The bigger picture of NAM uptake: exploring psychological and system factors as promoters and inhibitors	174 3Rs around the world	60 How systematic reviews and meta-analyses support good animal welfare and the transition to animal-free research	36 Leveraging inter-disciplinary and human-relevant approaches to address mental health	113 Overcoming barriers to regulatory uptake of Next Generation Risk Assessment
11.00 - 11.30	Coffee break & Exhibitors						

	Plenary Room	Room 210	Room 201	Room 203	Room 205	Room 207	Room 202
11.30 - 13.00	101 Formulating a framework for non-animal safety assessment of human pharmaceuticals	5 The role of Sentience in shaping policy in animal research	29 Building confidence and transparency into validation management and peer review	87 European partnership on Alternative Approaches to Animal Testing (EPAA): 20 years of progress	74 Bias, reporting and assessment - How to replace, reduce and refine animal experiments by looking at the available data	40 Environmental safety assessment of chemicals - Progress of different animal-free tools, similarities and differences with human safety assessments	109 From internal decision making to regulatory approval: Finding strategies to accelerate the use of NAMs
13.00 - 14.00	Lunch & Exhibitors	23 Lunch Session Recent advances on bioprinting skin tissue models for toxicology and drug evaluation					4 Lunch Session 3Rs in space: animal-free alternatives for life sciences in space research
14.00 - 14.30	Poster viewing & Exhibitors						
14.30 - 16.00	22 Implementation of NAM based PBK modelling into regulatory hazard assessment	53 Challenges in Asia to adopting the 3Rs across areas of animal use	15 Regulatory experience using a weight of evidence approach to reducing testing on animals	81 Breaking down silos to achieve one health - integrating environment into education and training initiatives in latin america and beyond	100 Animal replacement technologies down under - unifying science, innovation, and humanity for a sustainable future	138 Moving forward towards the application of New Approach Methodologies for the environmental risk assessment of chemicals	98 Transitioning away from animal testing for vaccine quality control testing: international and regional perspectives
16.00 - 22.00	Gala dinner at Golfe Olympico (transport arranged by organizers from Riocentro)						

Thursday, 4 September 2025							
	Plenary Room	Room 210	Room 201	Room 203	Room 205	Room 207	Room 202
08.30 - 09.30	Keynote Jinhee Choi - Bridging human and environmental toxicology: AI-driven mechanistic approaches for One Health-based Next-Generation Risk Assessment						
09.30 - 11.00	69 Replacing invisible animal suffering - Animal-free materials in cell and tissue culture	117 The 5Rs of Developmental Immunotoxicity Testing: Advancing ethical and predictive methods	133 Innovations in Microphysiological Systems (MPS): Advancing translational research and regulatory risk assessment	144 Empowering change through informal education: Leveraging workshops and webinars to promote the 3Rs	17 Session on Current research initiatives on NAMs in Korea and global cooperation for regulatory application	107 Accelerating science to policy transfer of animal alternatives for human and environmental safety assessment: lessons learned and ways forward	67 Regulatory acceptance of alternatives to animal testing
11.00 - 11.30	Coffee Break & Exhibitors						
11.30 - 12.30	Closing Keynote Nicole Kleinstreuer - Computational Intelligence and biological relevance: Innovating for a safer future						
12.30 - 13.30	Closing Ceremony						

Floor plan

Floor 1



Lunch Sessions:
boxed lunches
will be served
in or near the
session room

Floor 2

