

ICCS

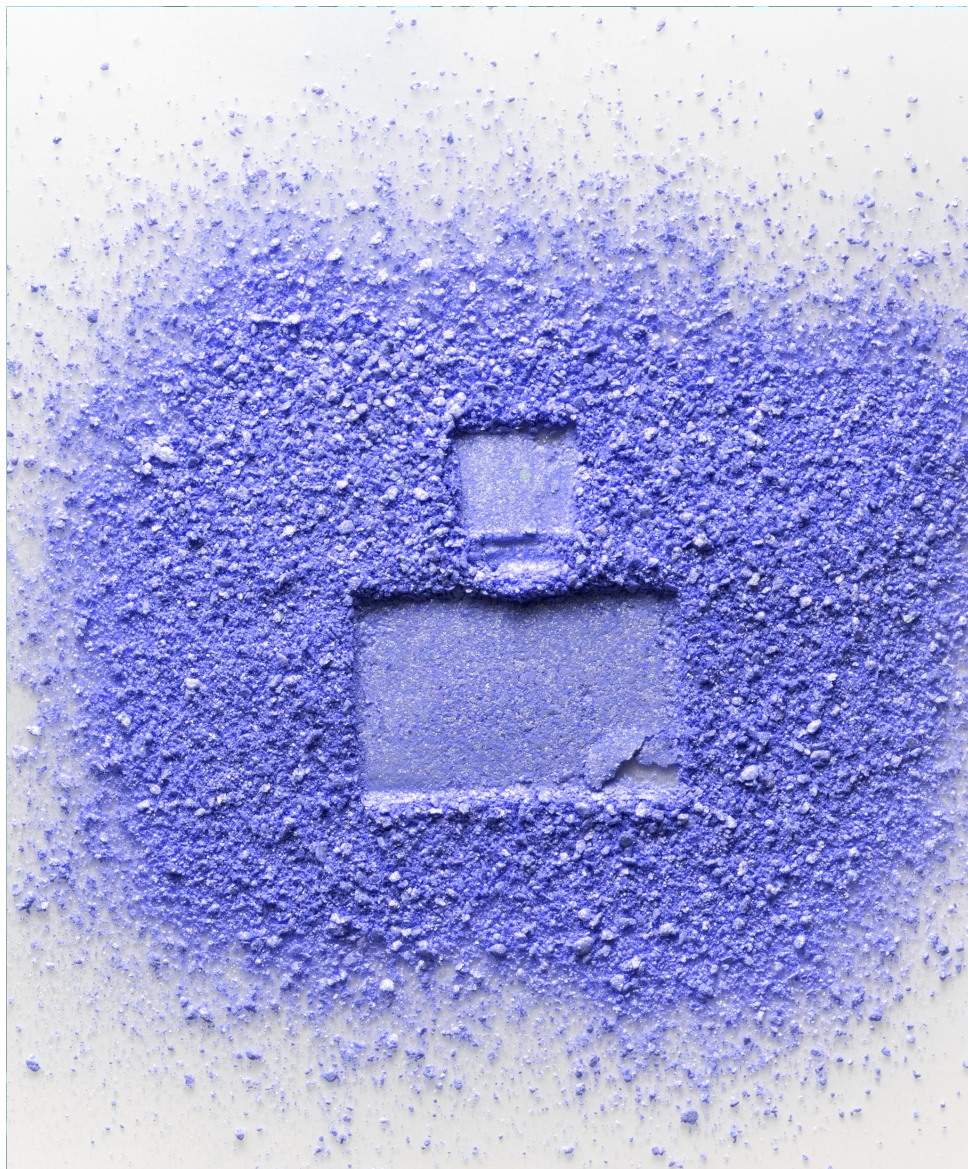
INTERNATIONAL  
COLLABORATION ON  
COSMETICS SAFETY

# 2024

ANNUAL REPORT







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# FOREWORD

## ERIN HILL



As we reflect on 2024, it was a year of steady, meaningful progress for the International Collaboration on Cosmetics Safety (ICCS). As a global community, we moved closer to a shared goal: making animal-free science the trusted foundation for cosmetic safety assessments around the world.

This year, we focused our efforts on three areas where ICCS can make the greatest difference: regulatory collaboration, reducing regulatory fragmentation, and strengthening global capacity. Through thoughtful initiatives with regulators, researchers, and our members, we built new tools, shared knowledge, and helped shape guidance that advanced both innovation and consumer safety.

It's clear that momentum is building. Each conversation, regulatory workshop, and collaborative science project brings us one step closer to global alignment and the practical adoption of new approach methodologies. Thank you to our members and colleagues for bringing your time, your expertise, your curiosity, and your commitment to this work.

Together, we are shaping the future of safety science—and we're just getting started.

Warm regards,

*Erin H. Hill*

President & CEO



# BOARD OF DIRECTORS

## CHAIR

**Stéphane Dhalluin**  
L'Oréal

## SECRETARY

**Jon Lalko**  
Estée Lauder Companies

## VICE CHAIR

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Cosmetics Europe

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Amorepacific

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**Catherine Willett**  
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Innospec

**Katie Sminkey**  
Inolex

**Junji Yamamoto**  
JCiA

**Javier Avalos**  
Kao

**Anne Laissus-Leclerc**  
LVMH

**Eric Angelini**  
MANE

**Esperanza Troyano**  
P&G

**Francine Lamoriello**  
PCPC

**Elizabeth Baker**  
PCRM

**Julia Baines**  
PSCI

**Joanna Rowland**  
Reckitt

**Anne Marie Api**  
RIFM

**Morihiko Hirota**  
Shiseido

**Ian Bartlett**  
Syensqo

**Martin Cowen**  
Takasago

**Gavin Maxwell**  
Unilever

**Carsten Goebel**  
Wella Company

\*Current Board Members



# OUR MEMBERS

The members of our organization come from three sectors: NGOs, Cosmetic & Chemical Trade and Research Associations, and Cosmetic Product & Ingredient Manufacturers.

AMORE PACIFIC



Beiersdorf



COTY  
SINCE 1904

CRODA



ESTÉE LAUDER COMPANIES



HALEON



Inolex



L'ORÉAL

LVMH



SHISEIDO





# THE TEAM



**Erin Hill**  
President & CEO



**Dave Allen, PhD**  
Senior Director  
Human Health Sciences  
& Operations



**Andreea Cuciureanu, MS**  
Senior Project Manager  
Human Health Sciences



**Claire Fletcher\***  
Program Manager  
  
\*Joined in 2025



**Ryan Heisler, MS**  
Senior Project Manager  
Environmental Sciences



**Donna Macmillan, PhD**  
Director  
Education & Regulatory  
Engagement



**Amelie Ott, PhD**  
Director  
Environmental Sciences

# SCIENCE ADVISORY COMMITTEE

The ICCS Science Advisory Committee includes leading experts in human health and environmental safety, representing key roles across regulatory agencies, research institutions, and validation centers globally. In 2024, ICCS welcomed two new members to this distinguished group.



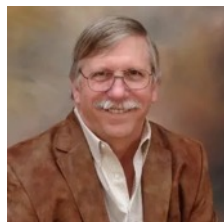
**Takao Ashikaga, PhD**

National Institute of Health Sciences Japanese Center for Validation of Alternative Methods



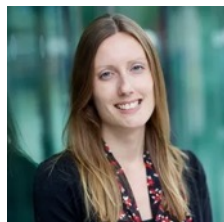
**Tara Barton-Maclaren, PhD**

Health Canada



**Scott E. Belanger, PhD**

Environmental and Sustainability Management of Chemicals



**Natalie Burden, PhD**

UK National Centre for the 3Rs



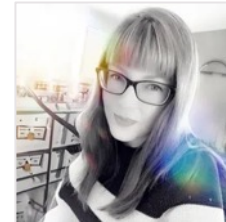
**Michelle Embry, PhD\***

The Health and Environmental Sciences Institute (HESI)



**Katie Paul Friedman, PhD**

Center for Computational Toxicology and Exposure, U.S. Environmental Protection Agency



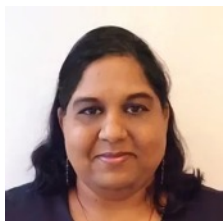
**Alison Harrill, PhD**

Office of Research and Development, U.S. Environmental Protection Agency



**Nicole C. Kleinstreuer, PhD**

National Institutes of Health



**Prashiela Manga, PhD\***

Office of Cosmetics and Colors, U.S. Food and Drug Administration



**Charlie Menzie, PhD**

Independent



**Octavio Presgrave, PhD**

Brazilian Center for Validation of Alternative Methods



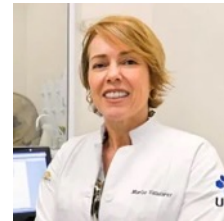
**Kristin Schirmer, PhD**

Eawag - Swiss Federal Institute of Aquatic Science and Technology



**Tomasz Sobański, PhD**

European Chemicals Agency (ECHA)



**Marize Campos Valadares, PhD**

Universidade Federal de Goiás/ Agência Nacional de Vigilância Sanitária (ANVISA)



**Maurice Whelan, PhD**

European Commission, Joint Research Centre



**Carole Yauk, PhD**

University of Ottawa

\*Joined in 2024



# 2024 FOCUS AREAS



**Regulatory  
Collaboration**



**Reducing  
Regulatory  
Fragmentation**



**Strengthening  
Capacity  
Globally**



# REGULATORY COLLABORATION



# REGULATORY COLLABORATION

ICCS works directly with **regulatory authorities** to promote the acceptance of modern **New Approach Methodologies** (NAMs) and **Next-Generation Risk Assessment** (NGRA).

Through ICCS' regulatory engagement efforts—such as expert consultation and **international collaboration**—the organization helps align **innovative scientific approaches** with evolving regulatory expectations, helping to protect **safe ingredients** and **enable innovation**. Our work in this area is conducted jointly with **ICCS members** including **trade associations**.

COLLABORATION

## Scientific Committee on Consumer Safety (SCCS) Working Group on Methodologies: Scientific Workshop on NGRA for Cosmetic Ingredients

ICCS participated in a workshop hosted by the SCCS Working Group on Methodologies alongside Cosmetics Europe (CE), member companies, and experts, to inform the next revision of the SCCS Notes of Guidance. Discussions focused on standardization, acceptance criteria, and the application of NAMs and NGRA. ICCS remains committed to ongoing scientific exchange to build confidence in these approaches.



European  
Commission





# ENGAGING WITH CHINESE REGULATORS



Erin Hill (ICCS) with member CTPA and Chinese officials



## NIFDC Technical Scientific Exchange with Industry

ICCS joined the Cosmetic, Toiletry and Perfumery Association (CTPA), CE, and experts from the United Kingdom (UK) and European Union (EU) in welcoming China's National Institute for Food and Drug Control (NIFDC) for a two-day exchange focused on advancing safety assessments without animal testing. Discussions highlighted opportunities for collaboration, shared challenges, and international alignment.



Erin Hill (ICCS) with Shanghai MPA and NIFDC officials



Erin Hill (ICCS) at CAFFCI

## ICCS Meets With Chinese Regulatory Officials

ICCS met with leadership of the Shanghai Medical Products Administration (MPA) and NIFDC. The groups were eager to discuss ICCS work to further the adoption of NAMs in China. During the same visit, ICCS was invited to speak at the China Association of Fragrance, Flavour, and Cosmetic Industries (CAFFCI) Annual Meeting and Expo to share our mission with the broader cosmetics community in China.



Mihwa Na (Estée Lauder Companies)



## Korea Cosmetic Industry Institute International Cosmetics Safety Symposium

ICCS co-organized and presented alongside member companies, including P&G and Estée Lauder Companies, at the Korea Cosmetic Industry Institute (KCII) International Cosmetics Safety Symposium. The symposium highlighted Korean safety assessment practices, NGRA case studies, read-across, and skin sensitization approaches.



Donna Macmillan (ICCS)

## CTPA Seminar: For a Government Strategy on Non-Animal Methodologies

At the CTPA-hosted seminar, ICCS staff presented an overview of global government strategies on NAMs. The event brought together industry, NGOs, academics, and UK government representatives to explore key elements of a national NGRA strategy.





### The 49<sup>th</sup> Convention of The Japanese Cosmetic Science Society

ICCS collaborated with the Japan Cosmetic Industry Association (JCiA) and a Unilever expert to deliver a case study presentation in Japanese. The audience included researchers, industry representatives, safety assessors, and regulators from the cosmetics science field.



### EFfCI 24<sup>th</sup> Annual Conference

ICCS joined speakers from CE, Personal Care Products Council (PCPC), Cosmetics Alliance Canada (CAC), Vrije Universiteit Brussel (VUB), and Cefic in discussions on innovation, stewardship, and regulatory progress. The audience included EFfCI members as well as regulatory officials from Europe and China.

## EPAA Partners Forum & European Commission Roadmap

ICCS contributed to the European Partnership for Alternative Approaches to Animal Testing (EPAA) initiative. This includes presenting at the EPAA Partners Forum together with regulators, industry and academics on the use of alternatives to animal testing for endocrine disruption. In addition, ICCS worked via EPAA to inform the development of the European Commission's Roadmap Towards Phasing Out Animal Testing for Chemical Safety Assessments. These engagements facilitated cross-sector dialogue on NAMs and NGRA within the European regulatory context, aiming to identify scientific gaps, research needs, and opportunities to strengthen industry-regulator collaboration.



Gavin Maxwell (Unilever and Co-Chair of EPAA)



Amelie Ott & Donna Macmillan (ICCS)



The European Partnership  
for Alternative Approaches to Animal Testing





Pictured Left to Right: John Chave (CE), Birgit Huber (IKW), Francine Lamoriello (PCPC), María Alejandra Benítez (CASIC), Erin Hill (ICCS), and Carlos Berzunza Sánchez (CASIC).



Erin Hill (ICCS)



Beauty and Cleaning, for Latin-American well-being

## ICCS Champions Global Commitment to Animal-Free Testing at CASIC XXXIII

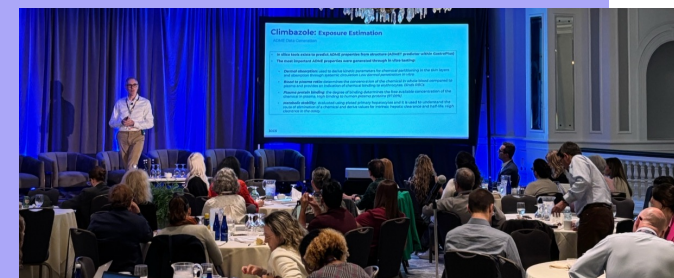
At the 2024 CASIC XXXIII Plenary Meeting in Santiago, Chile, ICCS delivered two key presentations: International Scenario of Cooperation for the Elimination of Animal Testing in the Cosmetics Industry, and No Animal Testing as a Global Commitment of the Cosmetic and Personal Care Industry. Joined by industry representatives, trade associations, and Chilean regulators, the discussions underscored the importance of international collaboration in advancing non-animal safety science. ICCS continues to support partnerships across LATAM to promote regulatory alignment and innovation.

## ICCS Workshop Explores Expanding Confidence in NAMs Beyond Traditional Toxicity Testing

ICCS convened a workshop, Building Confidence in New Approach Methods for Regulatory Use: Opportunities to Advance Beyond the 6-pack. 80 attendees from regulatory agencies, industry, and NGOs participated in discussions on broadening the regulatory application of NAMs beyond acute toxicity testing.

The expert panel featured Nicole Kleinstreuer (NICEATM), Janet Zang (U.S. FDA), Alison Harrill (U.S. EPA), Tara Barton-Maclaren (Health Canada), Julia Baines (PETA Science Consortium International e.V.), Patience Browne (OECD), and Dave Allen (ICCS).

The workshop also included two case studies: NAM-Augmented Read Across – Caffeine by Camilla Alexander-White (MKTox Consultancy), and Ab Initio Assessment – Climbazole by Matt Dent (Unilever), illustrating practical applications of NAMs in next-generation safety assessments.





# REDUCING REGULATORY FRAGMENTATION



# REDUCING REGULATORY FRAGMENTATION

ICCS supports the international alignment of cosmetic safety standards by fostering **regulatory convergence** and **encouraging recognition** of NAMs. Through scientific collaboration and engagement with global authorities, ICCS works to **reduce regulatory fragmentation**—making it easier for companies to **meet safety requirements** efficiently across multiple regions while maintaining high levels of **consumer protection**.

# HARMONIZATION



## OECD WORKING PARTY ON HAZARD ASSESSMENT

In 2024, ICCS maintained its commitment to advance NAMs for systemic toxicity by continuing international collaboration at the OECD's Working Party on Hazard Assessment. The project, supported by the International Council on Animal Protection in OECD Programs (ICAPO), Canada, and the United States, aims to develop a framework by which multiple approaches for systemic toxicity can be evaluated. Member countries of the OECD, along with industry and regulatory experts, have helped shape this important effort.

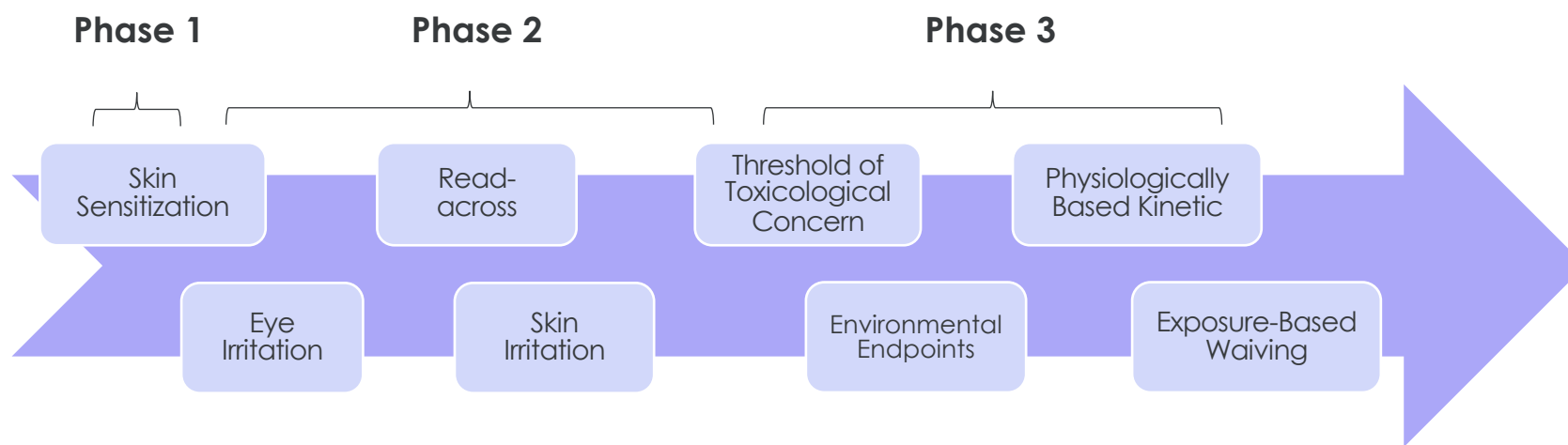


# BEST PRACTICE GUIDANCE

While many guidance policies exist for the application of standardized documents and validated methods, the guidance on integrating different approaches into a risk assessment framework is lacking. Working with global subject matter experts among its membership, ICCS is developing a series of

Best Practice Guidance (BPG) for safety assessors, aimed towards increasing the uptake and implementation of non-animal methods in a range of contexts. The guidance will result in a clear and concise step-by-step guide on how to apply the data and will be suitable for global use.

## Examples of BPG





ICCS actively engages in international regulatory consultations to advance the acceptance of NAMs in safety assessments. These efforts are essential to ensure that modern, science-based approaches are recognized globally—accelerating the phase-out of animal testing and enabling harmonized regulatory progress.



Department  
for Environment  
Food & Rural Affairs

UK REACH Alternative  
Transitional  
Registration model  
(ATRm) Consultation



Environment and  
Climate Change Canada  
Environnement et  
Changement climatique Canada

Notice of intent on the development of a strategy to guide the replacement, reduction, or refinement of vertebrate animal testing under the Canadian Environmental Protection Act, 1999 (CEPA)



中检院关于公开征求《化妆品稳定性评价技术指南（征求意见稿）》等意见的通知 - Notice of the Central Institute for Inspection and Inspection on publicly soliciting opinions on the "Technical Guidelines for Stability Evaluation of Cosmetics (Draft for Comments)



## International Cooperation On Cosmetics Regulation 18<sup>th</sup> Annual Meeting

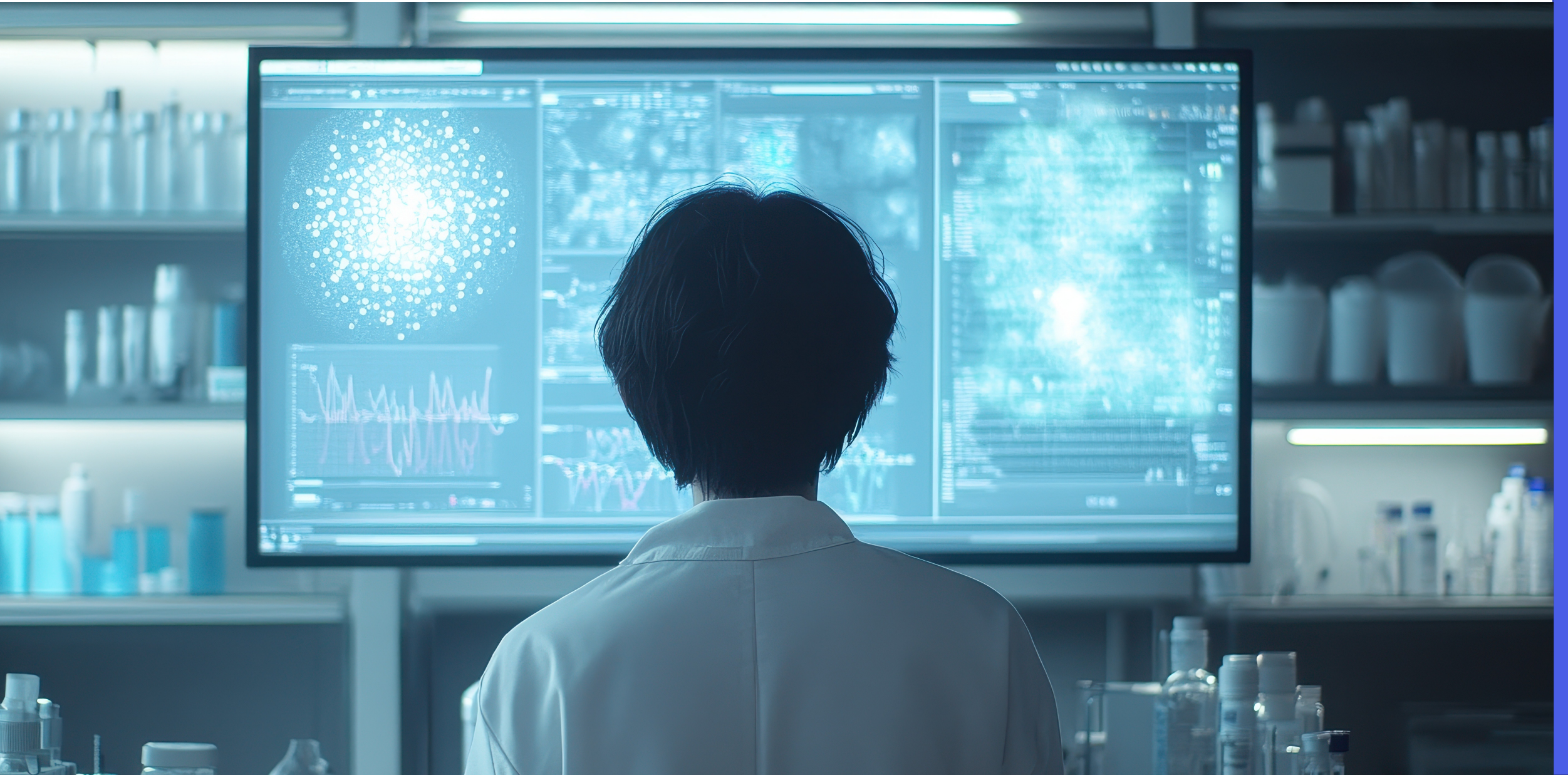
At the **18<sup>th</sup> Annual ICCR Meeting** in Taipei, ICCS presented to global regulators and industry trade associations on efforts to advance non-animal cosmetic safety evaluations. In particular, the ICCS BPG was discussed. ICCS looks forward to continued dialogue with the group to ensure the guidance is fit for global regulatory use.



The ICCR group of international cosmetic regulators, trade association members, and observer countries.



# STRENGTHENING CAPACITY GLOBALLY



# STRENGTHENING CAPACITY GLOBALLY

ICCS **empowers regulatory bodies**, industry partners, and scientific institutions to **adopt NAMs** by investing in training, technical guidance, and resource-sharing. Through its **scientific portfolio**, workshops, and collaborative projects, ICCS strengthens **institutional readiness** and builds the **foundational capabilities** and **toolboxes** needed for successful implementation and long-term regulatory **confidence**.

CAPACITY



# Building Safety Assessment Capabilities Through the ICCS Science Portfolio

The cosmetics sector has long been at the forefront of eliminating the need for animal testing by driving the development, validation, and global uptake of NAMs. Through ICCS, the industry continues to lead in advancing a science portfolio grounded in innovation, transparency, and regulatory relevance. The ICCS science program supports business needs and innovation through modern NAMs, building on the existing safety of cosmetic ingredients.

## Exposure-Led, Hypothesis Driven NAMs & NGRA

The core of ICCS' research program is balanced, forward-looking and focused on NAMs and NGRA. Designed to be both exposure-led and hypothesis-driven, the portfolio addresses regulatory and scientific challenges by developing new methods to fill critical gaps in existing frameworks. Every project is purpose-built to support confident decision-making while helping to establish credible, animal-free approaches to safety assessment.

## Responsive to Regulatory Needs

The ICCS science strategy is intentionally responsive to regulatory needs, enabling the sector to register ingredients through efficient and robust evaluation frameworks.

By addressing critical data gaps and developing new non-animal methods, the portfolio supports keeping safe ingredients on the market and registering new ingredients to support innovation.

## Advancing Human & Environmental Health

ICCS covers both human and environmental safety assessment of cosmetic ingredients and products. The program also places an increasing emphasis on exploring where approaches and data can be used within an integrated safety assessment framework.

## Case Studies Serves Multiple Roles

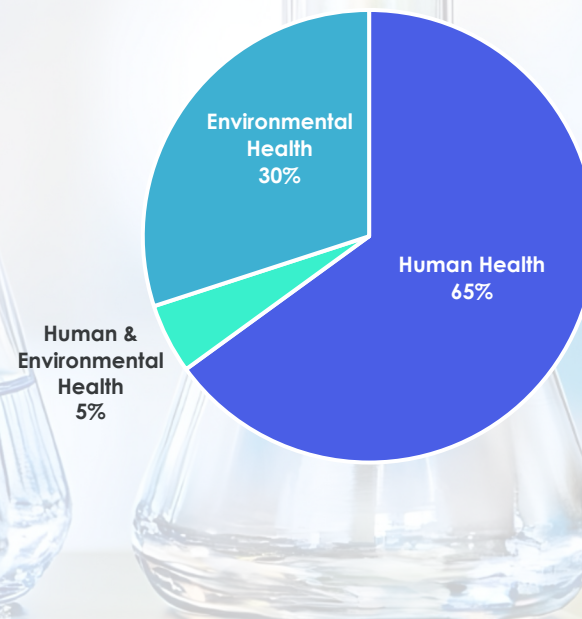
To accelerate regulatory acceptance, ICCS is building case studies that demonstrate how NAMs and NGRA can be practically and effectively applied. These case studies serve multiple roles: providing a proof of concept, identifying technical and regulatory barriers, and showcasing the strengths of new methods in a decision-ready context.

This body of work is further enhanced through efforts to standardize NGRA and NAM applications across the body of work, creating consistency in how approaches are built, applied, and communicated.

Collaboration is central to ICCS' strategy. The research program is closely aligned with ongoing efforts at the OECD and other international bodies, contributing directly to global standardization initiatives.

ICCS is not only replacing outdated animal tests—it is setting the benchmark for credible, 21st-century safety science.

## ICCS Scientific Portfolio



## Guidance on the Application of the CLP Criteria

### Part 4: Environmental hazards and

### Part 5: Additional Hazards

Guidance to Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures

Version 4.0  
Nov 2024



## Persistence Acceptance Tool (PAT) Guidance on the Application of the CLP Criteria

ICCS collaborated with Ricardo, Association of Retired Environmental Scientists (ARES), Concawe, Cefic's Long-Range Research Initiative (LRI), and the European Centre for Ecotoxicology and Toxicology of Chemicals (ECETOC) to develop the Persistence Assessment Tool (PAT), now included in the updated European Chemicals Agency CLP guidance. The PAT tool provides a transparent, structured methodology to assess chemical persistence in the environment, supporting manufacturers, regulators, and scientists in aligning with global regulatory expectations. This milestone reinforces ICCS' commitment to advancing science-based tools for environmental safety.





## Models to Evaluate direct Release of Cosmetic Ingredients (MERCi) Framework: Regulatory Engagements with ECHA and U.S. Environmental Protection Agency

ICCS, in collaboration with BASF, dsm-Firmenich, Symrise, TG Environmental Research, and Waterborne Environmental, continued to advance uptake of the MERCi Tool—a tiered exposure modeling framework designed to support environmental risk assessments of cosmetic ingredients directly discharged into natural waters. The MERCi framework offers a stepwise approach—ranging from conservative screening to site-specific 3D modeling—to assess potential exposure in both marine and freshwater environments. This work reinforces ICCS' commitment to improving science-based environmental safety assessments.



Expanding Capabilities  
Supporting Innovation



Cosmetic  
Ingredient  
Review

**"By collaborating, we hope to foster a synergistic research sharing relationship that underscores the safety of ingredients used in cosmetics."**

**- Bart Heldreth, PhD,  
Executive Director, CIR**

## NICEATM Partnership

ICCS has partnered with NIEHS and NICEATM to conduct a landscape analysis of non-animal, human-relevant methods for systemic toxicity assessment. Using generative AI to enhance efficiency, this analysis will inform ICCS' project scope and align with existing efforts.

## ICCS & CIR Partner to Advance Global Adoption of NAMs & NGRA for Cosmetic Ingredient Safety

ICCS and the Cosmetic Ingredient Review (CIR) formalized a partnership to strengthen collaboration on advancing NAMs and NGRA for cosmetic ingredient safety. This alliance will support global harmonization by enhancing scientific data exchange, aligning safety assessment practices, and accelerating regulatory acceptance of NAMs. ICCS and CIR will collaborate on BPG and participate in key international forums to drive policy-relevant research. This partnership underscores the shared commitment to modernizing safety science with human-relevant, predictive tools—paving the way for more ethical, efficient, and scientifically robust regulatory frameworks worldwide.



# ICCS Supports New VUB Course on Environmental Safety of Cosmetics

ICCS presented on environmental risk assessment at VUB's new course, Introduction to the Environmental Safety of Cosmetics in the EU, alongside several members including, BASF, L'Oréal, Beiersdorf, CE, Henkel, and Unilever. ICCS also funded registration for regulatory safety assessors, promoting wider access to NAMs education.



## Introduction to the Environmental Safety of Cosmetics in the EU

2.5-DAY TRAINING COURSE • 16-18 SEPTEMBER 2024 • BRUSSELS, BELGIUM • ON CAMPUS

Organized by VUB (Vrije Universiteit Brussel) Prof. Em. Vera Rogiers

Presenters from Regulatory Bodies, Academia, Research Organizations and Industry

 Dr. Adam David L'Orange VUB, BE	 Dr. Anneli Di VUB, BE	 Dr. Sandra Pascual VUB, BE	 Dr. Veronique Proben VUB, BE	 Prof. Vera Rogiers Vrije Universiteit Brussel, BE	 Dr. Ingrid Stecher VUB, BE
 Dr. Marina Bergami VUB, BE	 Dr. Anneli Di VUB, BE	 Dr. David Smith Vrije Universiteit Brussel, BE	 Dr. Charlotte Smith VUB, BE	 Dr. Katrien Verbeke Vrije Universiteit Brussel, BE	 Dr. Laurence Legrand VUB, BE

**Course Objectives & Program**

Introduction to Environmental Safety of Cosmetics in the EU ([safetycourse.eu](https://safetycourse.eu))



From left to right: Dave Allen (ICCS); Jens Burfeindt (IKW); Birgit Huber (IKW); and Kristie Sullivan (IIVS)

# ICCS Advances NAMs Awareness at Eastern European Safety Seminar

At the 10<sup>th</sup> Seminar for Safety Assessors in Warsaw, ICCS and IIVS presented, A Roadmap to Accelerate Global Acceptance of NAMs and NGRA. The seminar engaged Eastern European risk assessors on emerging best practices in safety assessment and non-animal methodologies.



## ICCS Promotes Global Collaboration at CTDC12

At the 12<sup>th</sup> Congress of Toxicology in Developing Countries, ICCS supported the session, Across Boundaries: Solutions to Improve Regulatory Science and Replace Animal Tests. The session included a representative from the OECD, Brazil's ANVISA, and member IIVS.



With Support From:



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COLLABORATION ON  
COSMETICS SAFETY



## Updates on New Approach Methodologies Applied to Human and Environmental Safety

In 2024, ICCS partnered with the Universidade Federal de Goiás Faculty of Pharmacy (FF/UFG) and the Laboratory of Education and Research in *In Vitro* Toxicology (TOX IN) to deliver a six-part *In Vitro* Science Webinar Series. The presentations featured NAMs experts from around the world and were provided in Spanish and Portuguese.

Capacity Building  
Through Education



Quinto Congreso Latinoamericano de Métodos Alternativos al Uso de Animales de Experimentación

## ICCS Advances NAMs and NGRA in Latin America at COLAMA 5

ICCS sponsored a dedicated session at the 5th COLAMA Congress in Bogotá, highlighting regulatory adoption of NAMs and NGRA across Latin America. The session featured insights from Brazil's ANVISA and Health Canada and emphasized the importance of collaboration, capacity building, and the growing demand for animal-free safety assessments in LATAM.





### ICCS Members Champion Animal-Free Safety Science at SOT 63<sup>rd</sup> Annual Meeting

ICCS and its members demonstrated strong scientific and strategic leadership at the 63<sup>rd</sup> Society of Toxicology (SOT) Annual Meeting. Unilever delivered a key Continuing Education session introducing NGRA frameworks and regulatory progress worldwide, highlighting the critical role of ICCS in shaping international NAMs adoption.



### ICCS Members Drive Scientific Impact at SETAC Europe 34<sup>th</sup> Annual Meeting

At the 2024 SETAC Europe Annual Meeting in Seville, ICCS participated as a Global Partner and delivered a strong program of scientific contributions alongside member companies. ICCS-led sessions and posters highlighted collaborative progress in environmental safety, biodegradability, and the application of NAMs.



### ICCS Leads Key Dialogues at ESTIV 2024 on Advancing Animal-Free Safety Science

ICCS co-chaired the session, Challenges in Cosmetic Safety. Members, including L'Oréal and Beiersdorf, presented research projects and discussed confidence-building.

# PROGRESS AT REGULATORY CONFERENCES

Capacity Building  
Through Education

## CHPA Regulatory Conference

At the CHPA Regulatory, Scientific and Quality Conference, ICCS staff joined a U.S. FDA expert for the session, Alternatives to Animal Testing. The discussion highlighted the FDA support for NAMs and ICCS efforts to build confidence in animal-free safety assessments for cosmetic ingredients.



Dave Allen (ICCS)



Taking healthcare personally.



## ICCS Addresses NAMs Confidence at Cosmetics Regulation North America

At the Cosmetics Regulation North America conference, hosted by Chemical Watch, ICCS presented, Building Confidence in NAMs for Regulatory Use. The presentation outlined the evolution of test method validation, challenges with traditional approaches, and a strategic roadmap for strengthening scientific and regulatory confidence in NAMs.



# 2024

In 2024, ICCS advanced scientific knowledge through collaborations, publications, scientific posters, media coverage, and a well-attended Inaugural Meeting, all focused on advancing animal-free safety science.



# ICCS 2024 INAUGURAL MEETING UNITES GLOBAL LEADERS TO STRENGTHEN THE NAMs COMMUNITY

The ICCS 2024 Inaugural Meeting brought together more than 100 participants from 13+ countries, including key representatives from regulatory agencies, validation bodies, NGOs, academia, and companies. This milestone event marked an important step in building a cohesive, international community of supporters committed to advancing NAMs and NGRA.

In closing, Stéphane Dhalluin (L'Oréal), ICCS Vice Chair, joined Erin Hill in recognizing the collective efforts of the global NAMs community. The event reinforced ICCS' role as a platform for collaboration and scientific alignment to drive sustainable, animal-free safety innovation worldwide.

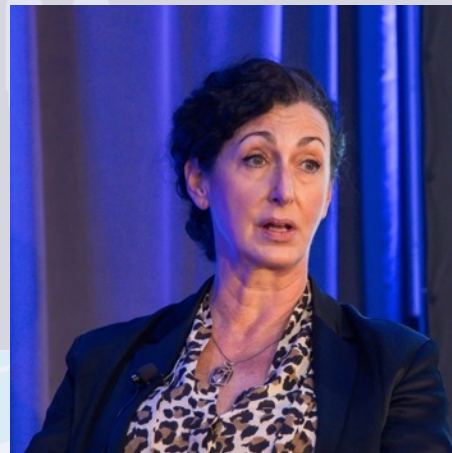
\*Currently Acting NIH Deputy Director for Program Coordination, Planning, and Strategic Initiatives, National Institutes of Health (NIH)



Anna Lowit, Senior Science Advisor (U.S. EPA)



Nicole Kleinstreuer, Director (NICEATM)\*



Patience Browne, Principal Administrator of Hazard and Exposure Assessment Programs (OECD)



Heike Scheffler (P&G) explores specific challenges facing the supplier industry with members BASF, Inolex, Innospec, and Croda



“L'Oréal Groupe has been at the forefront of non-animal testing methods for over 40 years, and as a founding member of ICCS, we are proud to continue leading the industry in this mission. Our Inaugural Meeting in 2024 reinforced our dedication to advancing non-animal methodologies in partnership with government, NGOs, and industry stakeholders.

Since ICCS launched, we've made progress in building confidence in these innovative approaches,” continued Dhalluin. “By collaborating closely with regulatory bodies worldwide, we are working to accelerate the adoption of human-relevant, predictive models, setting a new standard for safety assessments.”

- **Stéphane Dhalluin.**

ICCS Vice Chair\*, Global Head of Human & Environmental Safety Evaluation, L'Oréal

\*Currently Stéphane Dhalluin serves as Chair of ICCS



Stéphane Dhalluin, Global Head of Human & Environmental Safety Evaluation (L'Oréal), and ICCS Vice Chair of the Board



Stéphane Dhalluin (L'Oréal), ICCS Vice Chair, Erin Hill (ICCS), Jon Lalko (Estée Lauder Companies), ICCS Secretary of the Board, Michael Southall (Kenvue), ICCS Treasurer of the Board

# ICCS IN THE NEWS

HBW INSIGHT  
CITELINE COMMERCIAL

## ICCS President Hill On Growing Regulatory Confidence In Alternative Testing Methodologies

27 Mar 2024 | INTERVIEWS

by Lauren Nardella

### Executive Summary

In the year since its establishment, the International Collaboration on Cosmetics Safety has worked to engage with regulators as they build frameworks for assessing cosmetic safety without animal tests. ICCS president and CEO Erin Hill discusses current challenges and what lies ahead.

ICCS is working to boost confidence in animal alternatives and garnering input from regulators on how non-animal test methods are developed to help ensure they meet regulatory data requirements.

Having regulators involved early in the alternatives development process makes good sense and promises to increase regulators' comfort level with alternative methods, Hill said. "We try to do it as early as possible, because the more they understand and have involvement in what we're co-creating together, the more confidence they will have in that approach."

ICCS is meeting with regulators around the world to understand their particular requirements, as there are many similarities but also regional differences....

## The Atlanta Journal-Constitution Georgia congressman's bill could reduce animal testing for cosmetics, drugs

Animal rights groups and companies applauded the effort, while continuing to [petition the FDA](#) to move faster in approving non-animal testing methods under the existing 2022 law. They say the new law is necessary because the older law essentially gave the FDA the option to accept non-animal tests, but didn't explicitly require FDA to give them priority, said Dave Allen, senior director of the International Collaboration on Cosmetics Safety. "FDA 2.0 opened up the possibility for non-animal tests to be accepted within the agency by altering a definition," Allen said. "That was seen as a tremendous win from the animal rights community. What it didn't do was adjust any of the regulations and guidance." That's where a new law could help, Allen said, by requiring that the FDA transpose the 2022 law into new regulations, and report back to Congress on its progress.

Published: 24 April 2024 (Updated: 24 April 2024)

## Blazing a global trail for animal-free science

How the cosmetics industry is blazing a global trail for animal-free science

Interview with Erin Hill, President and CEO of the International Collaboration on Cosmetics Safety (ICCS)



A science-led non-profit organisation, headquartered in the US but with members across the globe, the International Collaboration on Cosmetics Safety (ICCS) is on a mission to advance regulatory acceptance of animal-free testing approaches worldwide.

As a member of the ICCS and an active advocate of its work in the UK, CTPA caught up with its President and CEO, Erin Hill to explore its progress in advancing a cruelty-free future and the benefits this could bring far beyond cosmetics and personal care.

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[CTPA calls on UK government for dedicated animal-free chemical testing strategy](#)

Scratch Magazine

**Dr. Donna Macmillan, director of education and regulatory engagement at the International Collaboration on Cosmetics Safety (ICCS), adds:**

"The conference highlighted that animal-free safety assessment is not just theoretical. We can utilise tools currently in practice along with developing new, human-relevant and predictive methods, which can be used by industry and regulators to make robust safety decisions."

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# PUBLICATIONS & POSTERS

## Publications

Differences in the Anatomy and Physiology of the Human and Rat Respiratory Tracts and Impact on Toxicological Assessments

*Regulatory Toxicology and Pharmacology*

Human Relevance of *In Vivo* and *In Vitro* Skin Irritation Tests for Hazard Classification of Pesticides

*Cutaneous and Ocular Toxicology*

*In Vitro* Pharmacologic Profiling Aids Systemic Toxicity Assessment of Chemicals

*Toxicology and Applied Pharmacology*

## Posters

Breaking The Silos: Towards a Holistic Approach Of Animal-free Human and Environmental Health Safety Assessments of Cosmetics

A Review of *In Silico* and *In Vitro* Methods For Use in a Risk Assessment of a Substance Acting Via Oestrogen or Androgen Modalities

Biodegradable or Not? Developing a Standardized International Approach to Assess the Biodegradability of Cosmetics Formulations

Advances Towards a Harmonized Environmental Safety Analytical Toolbox for Cosmetic Ingredients (ATEST)

Between-Laboratory Reproducibility of the Modified STE to Identify UN GHS Category 1 Surfactants

Exploring the Applicability of the OECD TG 249 Fish Cell Line Acute Toxicity Assay in Environmental Hazard and Risk Assessment of Cosmetic and Personal Care Product Ingredients

Towards One Health: Case Studies to Develop & Test an Integrated Animal-free Next Generation Human and Environmental Safety Framework for Cosmetics

Improving Understanding Of Toxicologically Relevant Molecular And Cellular Targets: The ICCS Higher Tier Evaluation Working Group

MERCI- Models Evaluating the direct-Release of Cosmetic Ingredients – A Tiered Exposure Modeling Framework to Support the Environmental Risk Assessment of Cosmetic Ingredients Directly Discharged

ICCS Environmental Science – Building a Robust Scientific Toolbox

ICCS Human Health Science – Building a Robust Scientific Toolbox

Core Acceptance Team – International and Regional Engagement

Core Education Team (CET) - Support and Design Continuous Educational Programs

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