COLLABORATION FOR NON-ANIMAL COSMETIC SAFETY ASSESSMENT

TUESDAY, 12 MARCH | 0630 – 0800
HILTON BALTIMORE ROOM PEALE A - C
401 WEST PRATT ST, BALTIMORE, MD 21201

0630 WELCOME & INTRODUCTION
CATHERINE WILLET, HUMANE SOCIETY INTERNATIONAL

0650 APPLYING ICCR PRINCIPLES TO NEXT GENERATION RISK ASSESSMENT (NGRA)
P A U L C A R M I C H A E L & G A V I N M A X W E L L , U N I L E V E R

0710 CHEMINFORMATICS AND TOXICOGENOMICS TO SUPPORT TOXICITY ASSESSMENT
G E O R G E D A S T O N , P R O C T E R & G A M B L E

0730 EDUCATION & TRAINING PRIORITIES: ROUND TABLE AND AUDIENCE INPUT
Catherine Willett, PhD  
Senior Director, Science & Regulatory Affairs  
Humane Society International  
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Global harmonization of cosmetic animal testing and marketing bans in at least 50 key beauty markets by 2023

PRIORITY REGIONS

ASEAN region
Brazil
Canada
Chile
China
Japan
Mexico
Russia
South Africa
Sri Lanka
United States
OVERVIEW

PART 2

Sharing information on decision-making approaches without new animal testing

- Risk-based safety decisions through integration of scientific evidence from multiple sources
- Exposure-led, product and use-specific, iterative safety decision frameworks
- Relevant case studies from multiple stakeholders

PART 3

Investment in education and training

- Capacity-building to achieve long-term acceptance and implementation
- Regulated and regulatory communities, CROs
- Global and multifaceted curricula
SCOPE

- Exposure, hazard and risk decision-making approaches without the use of animals
- Regulatory and non-regulatory decisions
- Consumer safety for personal care products and ingredients
- Collaboration between industry, consultants, CROs, regulators
- Development of frameworks and case studies
- Initial priority regions US, EU, China and Brazil (followed by India, Korea and Japan and others)
Overview of exposure-led, non-animal risk assessment approaches

Problem formulation

Decision-making frameworks
- Point-of-departure determination
- Uncertainty characterization
- Governance for traceability/transparency

Risk assessment case studies
MODULES

TOOLS & APPROACHES

Exposure-led risk assessment
- Determination of acceptable exposure limits
- Scenario-based exposure calculations

Predictive chemistry
- (Q)SAR, read-across

History of safe use

Data generation (in vitro methods)

Next-generation risk assessment approaches
- Exposure (PBPK, free concentration, metabolism)
- Tiered approach (in silico, in vitro)
- Computational modeling

Delivery
- Webinars, videos, 1-pagers, website, continuing education sessions, symposia, academic lectures & collaborations
Partners in developing detailed plans for capacity building and education, and ensuring globally harmonized legislation

- Interest in any or all of the 3 project elements

- Expertise with specific modules

- Broad range of stakeholders, groups and organisations, many ways to contribute!

CONTACT KWILLETT@HSI.ORG
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P AUL CARMICHAEL & GAVIN MAXWELL, UNILEVER

0710 CHEMINFORMATICS AND TOXICOGENOMICS TO SUPPORT TOXICITY ASSESSMENT
GEORGE DASTON, PROCTER & GAMBLE

0730 EDUCATION & TRAINING PRIORITIES: ROUND TABLE AND AUDIENCE INPUT
What are your priorities for development of education and training materials for the various modules? 1\textsuperscript{st}, 2\textsuperscript{nd}, 3\textsuperscript{rd} choices?

What stakeholders, groups or organisations have we missed or inclusion in project? for outreach?

How would you like to see education and training materials provided? In what format?

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MODULES

DECISION-MAKING ELEMENTS

Exposure-led, non-animal risk assessment approaches
Problem formulation
Decision-making frameworks
  ➔ Point-of-departure determination
  ➔ Uncertainty characterization
  ➔ Governance for traceability/transparency
Risk assessment case studies

TOOLS & APPROACHES

Exposure-led risk assessment
  ➔ Determination of acceptable exposure limits
  ➔ Scenario-based exposure calculations
Predictive chemistry
  ➔ (Q)SAR, read-across
History of safe use
  Data generation (in vitro methods)
Next-generation risk assessment approaches
  ➔ Exposure (PBPK, free concentration, metabolism)
  ➔ Tiered approach (in silico, in vitro)
  ➔ Computational modeling
  ➔ Webinars, videos, 1-pagers, website, continuing education sessions, symposia, academic lectures & collaborations

DELIVERY

  ➔ Webinars, videos, 1-pagers, website, continuing education sessions, symposia, academic lectures & collaborations

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