



# A Course on Animal-Free Risk Assessment of Cosmetics and Cosmetic Ingredients

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21<sup>st</sup> International Congress ESTIV | Barcelona | 23 November 2022



# Outline

Brief overview of AFSA

Purpose and Scope of the Education and Training program

Animal-Free Risk Assessment overview

Structure & Coverage of the AFSA E&T program

# The Animal-Free Safety Assessment Collaboration

The HSI-coordinated Animal-Free Safety Assessment (AFSA) Collaboration works to accelerate global adoption of a modern, species-relevant approach to safety assessment that will better protect people and our planet, and hasten the replacement of animal testing

COSMETICS



CHEMICALS



BIOLOGICALS



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COSMETICS



AFSA Education and  
Training in Animal-  
Free Risk Assessment

CHEMICALS



BIOLOGICALS

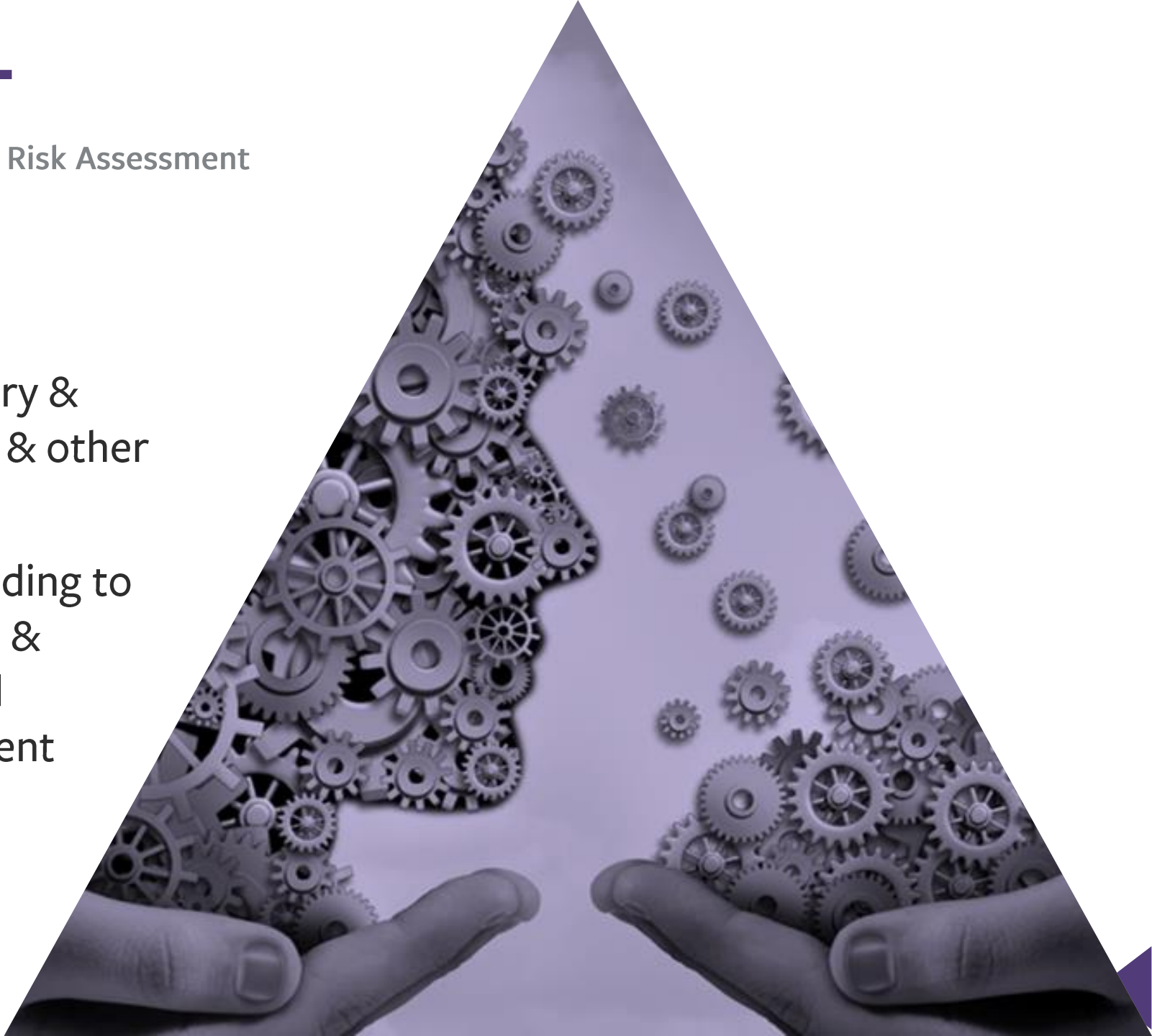


# AFSA Cosmetics E&T

A Global Training Program in Non-Animal Risk Assessment

## Purpose

- Address the needs of regulatory & regulated communities, CROs & other stakeholders
- Support regional capacity-building to achieve long-term acceptance & implementation of non-animal approaches to safety assessment





# AFSA Cosmetics E&T

A Global Training Program in Non-Animal Risk Assessment

## Scope

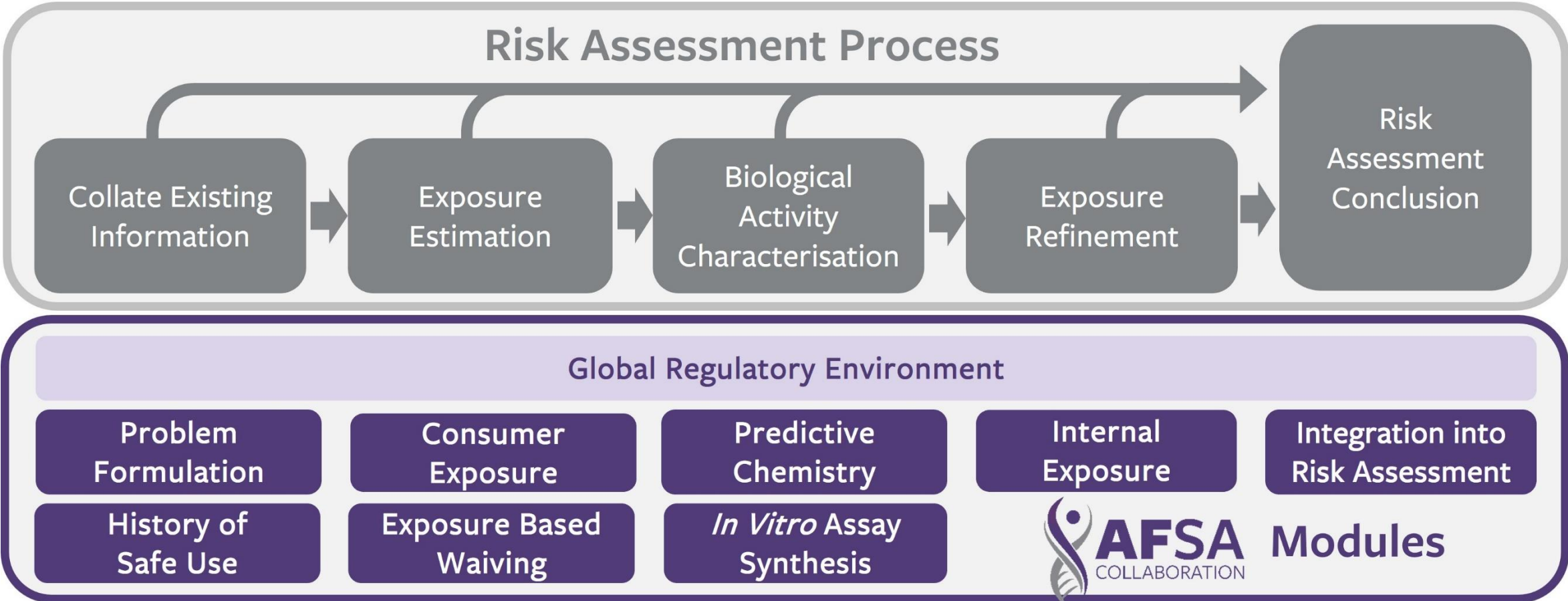
- Safety assessment of cosmetics and cosmetic ingredients without new animal data
- Covers all aspects of the process for internal and regulatory safety assessments
  - Consumer exposure, external and internal
  - Acute local effects to systemic repeat effects
- Covers the spectrum of available tools as well as some tools in development
- Focus on *understanding* the information generated from the tools and *how to use* this information vs. how to perform or build the individual methods





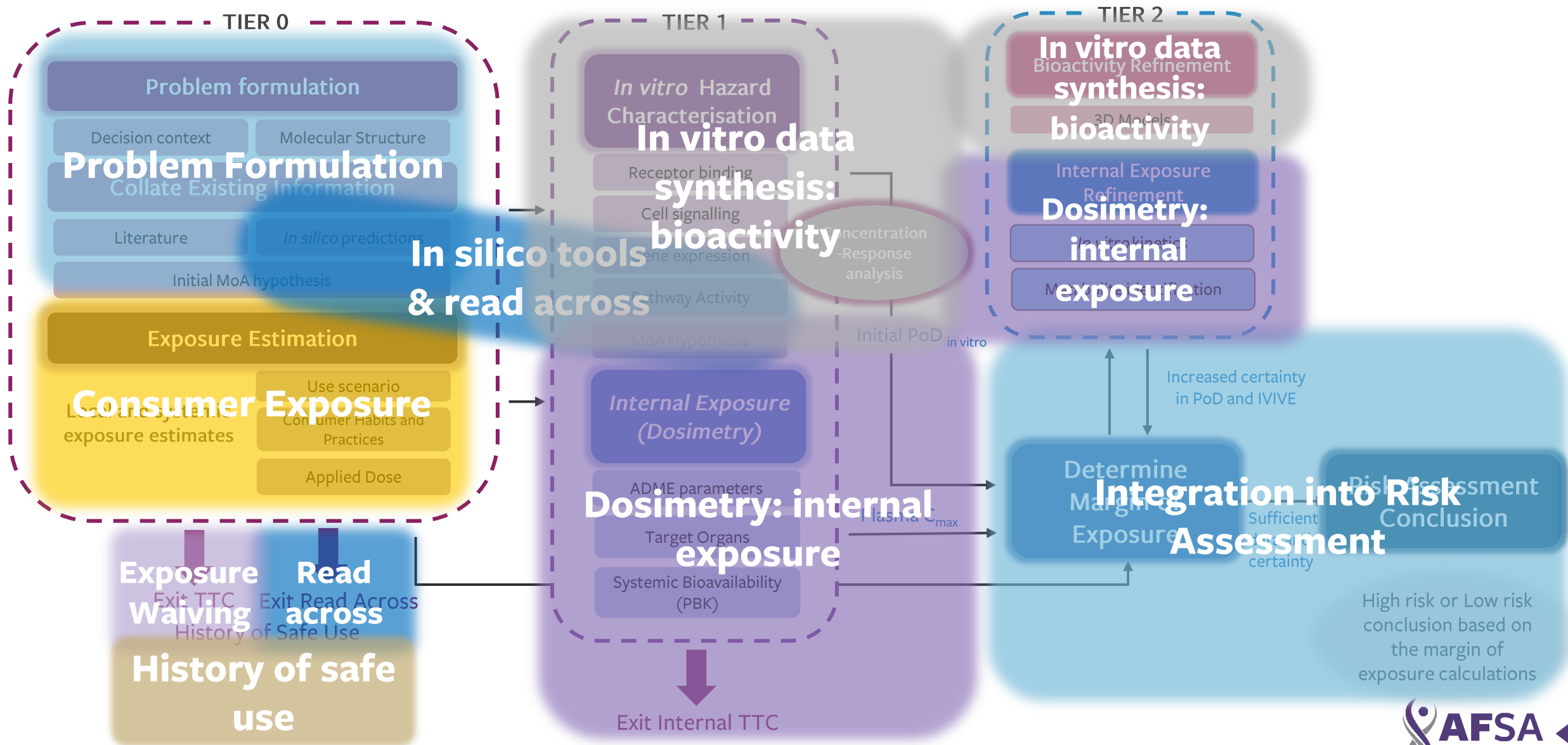
# AFSA Cosmetics E&T

Covering Risk Assessment from start to finish





# Next Generation Risk Assessment (NGRA) Framework



# Education and Training Program

- Online, freely available
- Registration required
- Roll-out begins Q1 2023

## Webinars



ZOOM WEBINAR

Thurs. April 14  
13:00 – 14:30 GMT

**CONSUMER EXPOSURE**

Presented by AFSA Collaboration members:



ZOOM WEBINAR

Tues. April 26  
11:00 – 12:30 GMT

**PREDICTIVE CHEMISTRY**

*In silico* tools and read-across



ZOOM WEBINAR

Thurs. May 5  
13:00 – 14:30 GMT

**DOSIMETRY**

Internal exposure and IVIVE

Presented by AFSA Collaboration members:  
Rebecca Clewell, 21<sup>st</sup> Century Tox Consulting



ZOOM WEBINAR

Tues. May 10  
11:00 – 12:30 GMT

**GLOBAL REGULATORY LANDSCAPE**

<https://www.afsacollaboration.org/cosmetics/capacity-building/>



## Cosmetics Workstream Partners



HUMANE SOCIETY  
INTERNATIONAL



THE HUMANE SOCIETY  
OF THE UNITED STATES



Unilever

L'ORÉAL



Firmenich

AVON



Givaudan

symrise



LUSH



Delphic HSE  
SAFETY & REGULATORY SOLUTIONS



Creme Global



Lhasa  
Limited



Institute for In Vitro Sciences



# AFSA Cosmetics E&T Authors

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# Thank you!

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