



AFSA Master Class in animal-free safety assessment of cosmetics and cosmetic ingredients

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Outline

Brief overview of AFSA

Overview of AFSA Master Class

Outline of module content

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 in safety assessment

COSMETICS



CHEMICALS



BIOLOGICALS



AFSA Master Class

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
- Focus on *understanding* the information generated from the tools and *how to use* this information vs. how to perform or build the individual methods

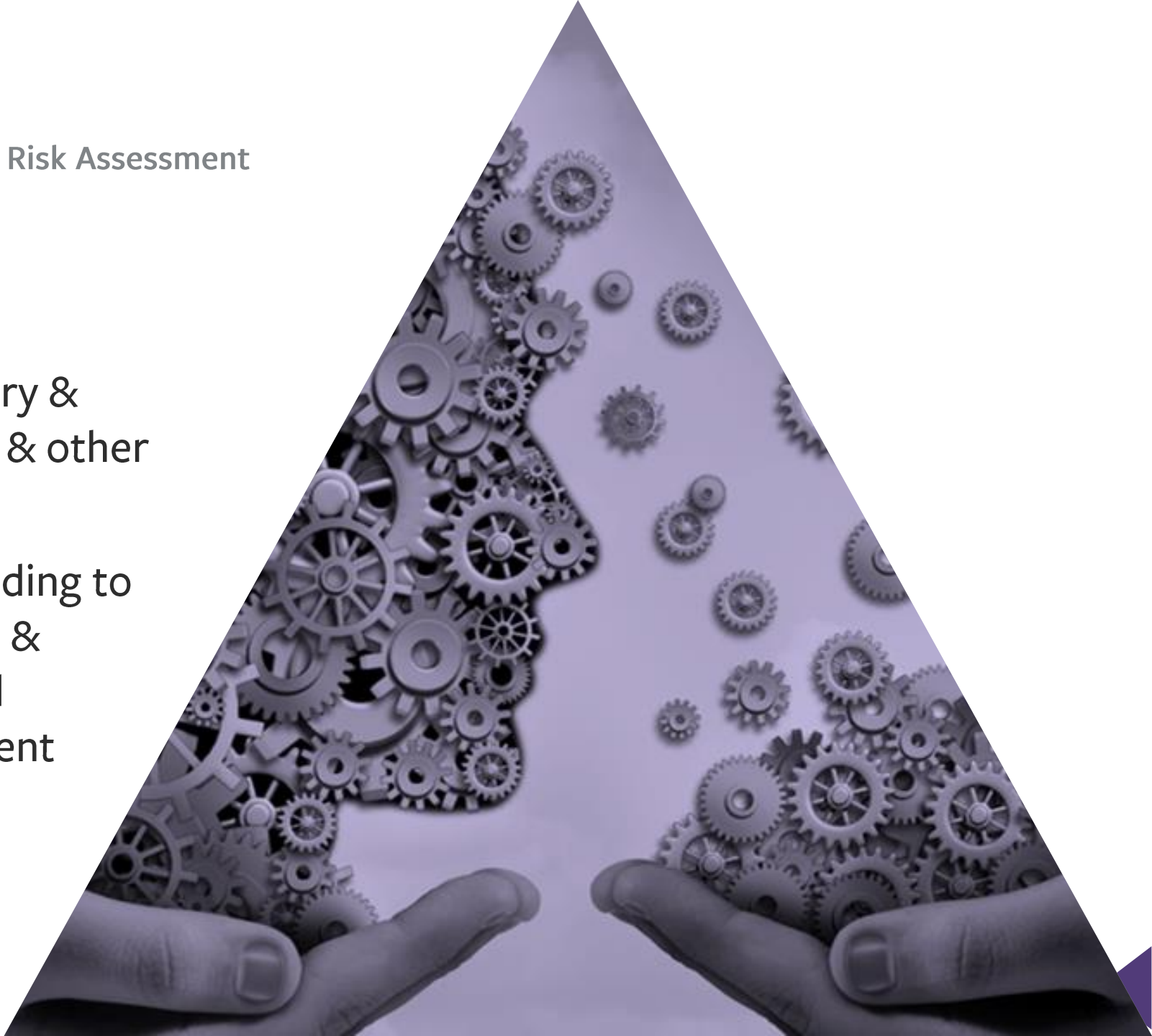


AFSA Master Class

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

Covering Risk Assessment from start to finish

Risk Assessment Process

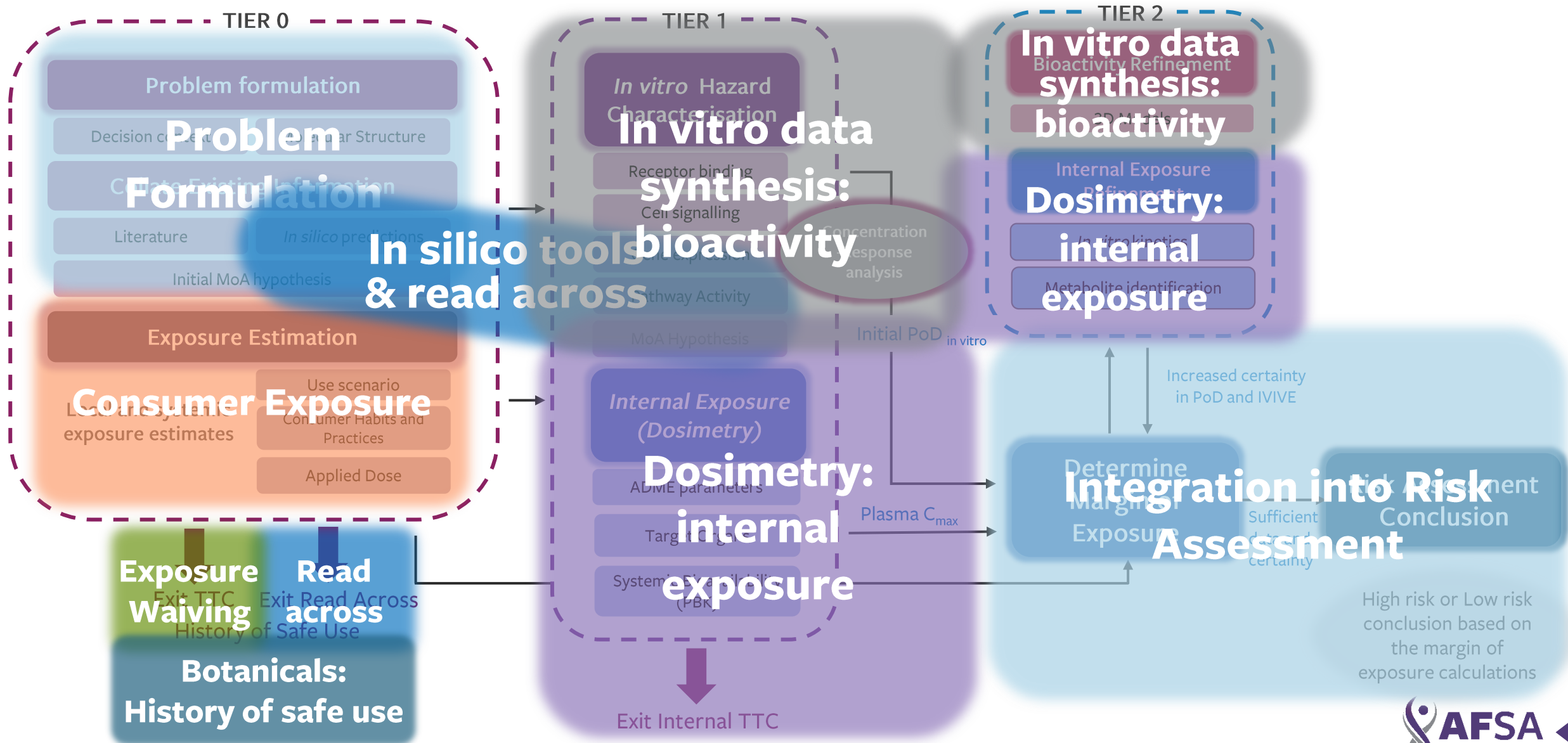


0: Master Class and Risk Assessment Overview

1. Problem Formulation	2. Consumer Exposure	3. Predictive Chemistry	6. Internal Exposure	7. Integration into Risk Assessment
4a. Exposure Based Waiving	4b. Safety of Botanicals History of Safe Use	5. <i>In Vitro</i> Assay Synthesis	AFSA Master Class Modules	

Global Regulatory Environment

Next Generation Risk Assessment (NGRA) Framework



AFSA Master Class <https://www.afsacollaboration.org/masterclass>



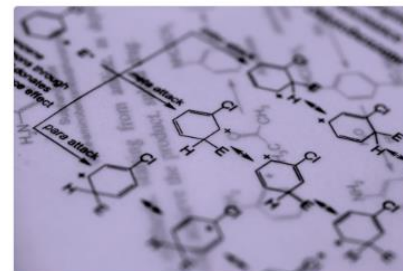
Master Class Overview (00)



Module 1: Problem Form... (01)



Module 2: Consumer Exp... (02)



Module 3: Predictive C... (03)

- Free, online
- Open to all
- Requires registration

Module release date 2023	Online now	Aug '23	Fall '23
0: Intro: course overview	■		
1: Problem formulation	■		
2: Consumer exposure	■		
3: In silico tools	■		
4a: Exposure-based waiving	■		
4b: Safety of Botanicals: History of Safe Use	■	■	
8: Regulatory landscape	■	■	
5: In vitro data synthesis	■	■	■
6: Internal Exposure: Dosimetry	■	■	■
7: Risk assessment	■	■	■



AFSA Cosmetics Master Class Partner Organizations



L'ORÉAL



AVON

→ Creme Global



Firmenich



Givaudan



LUSH
FRESH HANDMADE COSMETICS

K kenvue



HUMANE SOCIETY
INTERNATIONAL

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Thank you!

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