



Luxembourg, 14 October 2019

## Scientific Committee on Consumer Safety (SCCS) Meeting of the Working Group on Methodologies

25 September, Luxembourg

### Minutes

#### **1. Welcome and apologies, approval of the agenda and declaration of interests**

The SCCS Chair welcomed the participants, including a SCHEER representative, two external speakers, and four observers (from Cosmetics Europe and the International Fragrance Association).

One apology was received, as well as from DG GROW.  
The agenda was adopted without changes.

The minutes of the previous meeting held on 24 May were endorsed by written procedure by the WG members and published on the website:

[https://ec.europa.eu/health/scientific\\_committees/consumer\\_safety/minutes\\_wg\\_meetings\\_en](https://ec.europa.eu/health/scientific_committees/consumer_safety/minutes_wg_meetings_en)

The Chair invited participants to declare any interest regarding matters on the agenda. None of the participants declared any interest conflicting with the matter on the agenda.

#### **2. List of points discussed**

##### **OPEN session following up the February SCCS scientific workshop on alternative methods to animal testing**

###### **A. The morning session was dedicated to *in silico* models**

The Chair welcomed *Dr Mohammed Aljallal* (Saudi Food and Drug Authority – SFDA – UK) to make a presentation on the potential use of *in silico* models and structural alerts to identify non-genotoxic carcinogens amongst cosmetic ingredients. A discussion took place.

1. SCCS highly appreciated the presentation focusing on his PhD thesis study on the assessment of the profilers provided in the OECD QSAR Toolbox for category formation of carcinogenic chemicals.
2. His study has given an insight into those alerts that may be found equally in endpoint-positive or negative compounds, and those which may be more effectively utilised to form groups of analogues for read across predictions.
3. Further in-depth research in this area is necessary to study the suitability and merits of each of the alerts within the profilers in the OECD Toolbox and other *in silico* toxicity platforms to identify the root causes of the inadequacies and to investigate possibilities for improvement in the performance.
4. ECHA should also be informed about this interesting session and its future publication foreseen by the end of the year.

B. The afternoon session was dedicated to (internal) Threshold of Toxicological Concern

The Chair welcomed *Dr Heli Hollnagel* (Dow Europe – Horgen, CH) to make a presentation on (i) TTC. A discussion took place.

1. SCCS highly appreciated the presentation that followed-up the presentation made at the SCCS workshop in February 2019 on database aspects, other routes of exposure, internal Threshold of Toxicological Concern (TTC) and uncertainties.
2. A publication of dataset is foreseen next year, but the COSMOS TTC database is already available and should be used:  
<http://www.cosmostox.eu/home/welcome/>
3. Value and limitation of *in vitro* bioassays to support the application of the threshold of toxicological concern to prioritise unidentified chemicals in food contact materials:  
<https://www.tandfonline.com/doi/full/10.1080/19440049.2019.1664772>
4. Following the SCCS workshop in February, the SCCS sent a list of impurities to Cosmetics Europe for exercising. The results might be discussed at a next methodology meeting and should also be taken into account in the future dataset.

### 3. Information from chairman/members/commission

- Cosmetics Europe presented a few case studies on the practical use of TTC. One of the examples was focused on a hair dye present in the reference chemicals added in the COSMOS update with respect to cosmetic Annex substances. For the next meeting the TTC concept will be applied on the hair dyes and their impurities present in opinions after the COSMOS update

- SCCS made a proposal for publishing, together with the speakers of the February SCCS scientific workshop, a scientific issue (book). Contributions have been collected from the speakers and will be discussed during the next methodology meeting (28/11).
- The group discussed whether a follow up is needed for (internal) TTC and data that Cosmetics of Europe could get for impurities of previous SCCS files. The date of 17 December for a methodology meeting to discuss the results has been suggested and will be explored.
- Additional topics may be discussed next year such as the general framework of New Generation Risk Assessment (NGRA). The NGRA framework is of potential interest for sensitisation, eye irritation, QRA and systemic toxicity; its usefulness in risk assessment without the use of experimental animals in these fields will be further explored.

## **5. Next meetings**

28 November, 17 December 2019, and 24 January 2020.