This is a background paper for discussion.
It does not reflect the views of the Committee and should not be cited.

CC/2020/10

COMMITTEE ON CARCINOGENICITY OF CHEMICALS IN FOOD, CONSUMER PRODUCTS AND THE ENVIRONMENT

Follow up to horizon scanning topics – July 2020

Introduction

1. This paper presents the regular follow up to the last full horizon scanning held in November 2019 outlining the topics identified during that discussion and an update on topics being considered by IARC and the EU Scientific Committees.

Topics from COC horizon scanning 2019

2. Below are the priority topics agreed at the horizon scan in November 2019:
   - IARC assessment of shift work and how that might affect assessment of chemicals and carcinogenicity
   - View on the future of assessment of carcinogenicity including use of animal models, in vitro and in silico data as well as new approaches encompassing artificial intelligence and analysis of big data.
   - The cellular microenvironment and role in carcinogenicity

COM and COT horizon scanning topics

3. At the last meeting, the COC requested sight of the COM and COT horizon scanning activities. The minutes of the COM discussion are attached at Annex A, and the discussion paper and minutes for the COT discussion are attached at Annex B.

Upcoming IARC meetings

4. IARC have three upcoming meetings on their website with respect to the Monograph series (http://monographs.iarc.fr/ENG/Meetings/index.php):

   - Meeting 126 (14-18 September 2020) is on:
     - Opium
   - Meeting 128 (3-10 November 2020) is on:
     - Acrolein (CAS No. 107-02-8)
     - Arecoline (CAS No. 63-75-2)/Arecoline hydrochloride (CAS No. 61-94-9)
     - Acrylonitrile (CAS No. 107-13-1)
     - Crotonaldehyde (CAS No. 4170-30-3, 15798-64-8, and 123-73-9)
   - Meeting 129 (22 February-5 March 2021) is on:
     - Gentian Violet (CAS No. 548-62-9)

- Leucogentian Violet (CAS No. 603-48-5)
- Malachite Green (CAS No. 569-64-2)
- Leucomalachite Green (CAS No. 129-73-7)
- C.I. Direct Blue 218 (CAS No. 28407-37-6)

Upcoming EU Scientific Committee topics

5. The agenda and minutes of recent EU Scientific Committee on Consumer Safety (SCCS) Plenary meetings are attached in Annex C. SCCS has working groups on:

- Cosmetic Ingredients (last meeting 13/05/2020)
- Nanomaterials in Cosmetic Products (last meeting 08/04/2020), and
- Methodologies (last meeting 24/01/2020).

6. The agenda and minutes of recent EU Scientific Committee on Health, Environmental and Emerging Risks (SCHEER) Plenary meetings are attached in Annex D. SCHEER has working groups on:

- Aluminium in toys (last meeting 27/09/2017)
- Anaerobic biodegradation of linear alkylbenzene sulphonates (last meeting 03/02/2020)
- Safety of breast implants in relation to anaplastic large cell lymphoma (last meeting 11/06/2020)
- E-cigarettes (last meeting 26/05/2020)
- Certain organic chemicals emitted from squishy toys (last meeting 15/06/2020)
- Emerging environmental risks (last meeting 11/09/2018)
- Emerging issues at the environment-social interface (last meeting 04/07/2019)
- Fuel marker (last meeting 09/01/2019)
- Guidelines on the benefit-risk assessment of the presence of phthalates in certain medical devices (last meeting 05-06/06/2019)
- Guidance on the structure and contents of SCHEER opinions (last meeting 17/06/2016)
- Potential risks to human health of light emitting diodes (last meeting 02/03/2018)
- Non-human primates testing (last meeting 02/05/2017)
- Onshore hydrocarbon exploration and production in the EU (last meeting 24/09/2018)
- Safety of PIP silicone breast implants (last meeting 10/10/2017)
- Rapid risk assessment (last meeting 26-27/11/2019)
- Sunbeds (last meeting 24-25/10/2016)
- Tobacco additives (last meeting 24/06/2016)
- UVC lamps (last meeting 18/01/2017)
- Weight of evidence and uncertainties (last meeting 08/02/2018)
- Water Framework Directive (last meeting 01/06/2017), and
- Water reuse (last meeting 12/05/2017).

7. The European Food Safety Authority has a substantial body of work across its Scientific Committee and Panels. More detail is available here: https://www.efsa.europa.eu/en/science/scientific-committee-and-panels. EFSA currently has open consultations on a number of substances, and also on methodological questions. The full list of open consultations is here: https://www.efsa.europa.eu/en/calls/consultationshttps://www.efsa.europa.eu/en/calls/consultations. Expected upcoming consultations are here: https://www.efsa.europa.eu/en/consultations/consultationsplanner. This includes a public consultation report planned for March 2021 on the use of the BMD approach in risk assessment, and a technical report on targeted consultation on the scientific guidance on appraising and integrating evidence from epidemiological studies for use in EFSA's scientific assessments.

Question for the Committe

8. Members are asked to consider this material and whether there are any further topics to consider for future horizon scanning.

Secretariat
July 2020

This is a background paper for discussion.
It does not reflect the views of the Committee and should not be cited.

CC/2020/10 Annex A

COMMITTEE ON CARCINOGENICITY OF CHEMICALS IN FOOD, CONSUMER PRODUCTS AND THE ENVIRONMENT

Follow up to horizon scanning topics – July 2020

Minutes of COM horizon scanning discussions in 2019 and 2020

Available: https://www.gov.uk/government/organisations/committee-on-mutagenicity-of-chemicals-in-food-consumer-products-and-the-environment/about

This paper is attached. It is not being made publicly available for copyright reasons

Secretariat
July 2020

This is a background paper for discussion.
It does not reflect the views of the Committee and should not be cited.

CC/2020/10 Annex B

COMMITTEE ON CARCINOGENICITY OF CHEMICALS IN FOOD, CONSUMER PRODUCTS AND THE ENVIRONMENT

Follow up to horizon scanning topics – July 2020

Discussion paper and Minutes of COT horizon scanning discussions in 2020

Available: https://cot.food.gov.uk/

This paper is attached. It is not being made publicly available for copyright reasons

Secretariat
July 2020

This is a background paper for discussion.
It does not reflect the views of the Committee and should not be cited.

CC/2020/10 Annex C

COMMITTEE ON CARCINOGENICITY OF CHEMICALS IN FOOD, CONSUMER PRODUCTS AND THE ENVIRONMENT

Follow up to horizon scanning topics – July 2020

Agenda and minute of Scientific Committee on Consumer Safety Plenary Sessions 2016-2021 13th meeting.

Available:
https://ec.europa.eu/health/scientific_committees/consumer_safety/minutes_plenary_en

This paper is attached. It is not being made publicly available for copyright reasons

Secretariat
July 2020

This is a background paper for discussion.
It does not reflect the views of the Committee and should not be cited.

CC/2020/10 Annex D

COMMITTEE ON CARCINOGENICITY OF CHEMICALS IN FOOD, CONSUMER PRODUCTS AND THE ENVIRONMENT

Follow up to horizon scanning topics – July 2020

Agenda and minutes of the Scientific Committee on Health, Environmental and Emerging Risks Plenary meetings 2016-2021 15th meeting.

Available:
https://ec.europa.eu/health/scientific_committees/scheer/minutes_plenary_en

This paper is attached. It is not being made publicly available for copyright reasons

Secretariat
July 2020