

TOX/2018/06

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

Statement from a joint Committee workshop on the use of epigenetics in chemical risk assessment – updated first draft

1. In October 2017, the COC, COT and COM held a joint meeting. One of the topics discussed was “Whether epigenetics should be used in chemical risk assessment?”
2. This paper presents, in Annex A, a first draft statement on the outcomes of the discussion, updated following discussion at the COC meeting in November and with comments from the speakers and participants at the meeting.
3. Annex B contains slides from all the discussion groups where the following questions were discussed:
 - What is normal epigenetic variability and adaptation?
 - How can epigenetic change be linked to adverse outcomes and adverse outcome pathways?
 - What are the next steps to enable epigenetic change to be interpreted for incorporation in chemical risk assessment?
4. The draft statement will also be considered by the COM at their upcoming meeting.

Questions for the Committee

5. Members are asked to consider:
 - i. The structure and contents of the updated first draft statement
 - ii. Are there any points from the discussion group slides that need to be further addressed within the draft statement?

Secretariat
January 2018

This is a draft paper for discussion. It does not represent the views of the Committee and should not be quoted, cited or reproduced

TOX/2018/06 – Annex A

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AND THE ENVIRONMENT**

**Statement from a joint Committee workshop on the use of
epigenetics in chemical risk assessment – updated first draft**

Updated first draft statement

**NCET at WRc/IEH-C under contract supporting the PHE Secretariat
January 2018**

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TOX/2018/06 Annex B

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

**Statement from a joint Committee workshop on the use of
epigenetics in chemical risk assessment – updated first draft**

Slides containing the output from the breakout discussion groups at the Joint COC,
COM and COT meeting

**Secretariat
January 2018**