

# Annex B

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**This is a draft statement for discussion. This does not represent the views of the Committee and should not be cited.**

## **1. The search terms**

- Search "In Vitro Techniques"[Mesh] OR "Caco-2 Cells"[Mesh] OR "Lysosomes"[Mesh] OR "Hypoxanthine Phosphoribosyltransferase"[Mesh] OR "Autopsy"[Mesh] OR "Micronucleus Tests"[Mesh] OR "Pathology"[Mesh] OR Autops\*[tiab] OR histopath\*[tiab] OR "in vivo"[tiab] OR "in vitro"[tiab] OR GALT[tiab] OR Caco 2 cell\*[tiab] OR Colonic Epithelial Cell\*[tiab] OR Colorectal epithelial cell\*[tiab] OR Comet assay\*[tiab] OR HPRT[tiab] OR "Hypoxanthine Phosphoribosyltransferase"[tiab] OR "hypoxanthin phosphoribosyl transferase"[tiab] OR Lysosom\*[tiab] OR "M cell"[tiab] OR "M cells"[tiab] OR "Microfold cell"[tiab] OR "Microfold cells"[tiab] OR Micronucleus assay\*[tiab] OR Micronucleus test\*[tiab] OR "read across"[tiab] OR SCGE assay\*[tiab] OR single-cell gel electrophoresis assay\*[tiab] OR "xanthine guanine phosphoribosyl transferase"[tiab] OR "xanthine guanine phosphoribosyltransferase"[tiab] OR xprr[tiab] AND titanium dioxide (322; 19)
- Search "Aneugens"[Mesh] OR "Aneuploidy"[Mesh] OR "apoptosis"[Mesh] OR "Chromatids"[Mesh] OR "Chromosomes"[Mesh] OR "DNA Damage"[Mesh] OR "DNA Repair"[Mesh] OR "Mutagens" [Pharmacological Action] OR "Mutagens"[Mesh] OR "Mutagenesis"[Mesh] OR "Oxidative Stress"[Mesh] OR Aneugen\*[tiab] OR Aneuploid\*[tiab] OR Chromatid\*[tiab] OR Chromosome\*[tiab] OR Clastogen\*[tiab] OR "DNA binding"[tiab] OR DNA fragmentation\*[tiab] OR DNA damage\*[tiab] OR "DNA lesion"[tiab] OR "DNA lesions"[tiab] OR "DNA repair" [tiab] OR genotox\*[tiab] OR mutagen\*[tiab] OR Mutat\*[tiab] OR oxidative stress\*[tiab] AND titanium dioxide (209; 16)

- (Titanium dioxide AND Nanoparticles AND E171 AND toxicology) (1);  
(Titanium dioxide AND Nanoparticles AND E171 AND genotoxicity) (8);  
(Titanium dioxide AND Nanoparticles AND E171 AND human health) (13);  
(Titanium dioxide AND Nanoparticles AND E171 AND adverse effects) (7);  
(Titanium dioxide AND Nanoparticles AND E171 AND reproductive toxicity)  
(5); (Titanium dioxide AND Nanoparticles AND E171 AND developmental  
toxicity) (2); (Titanium dioxide AND Nanoparticles AND E171 AND  
Distribution) (8); (Titanium dioxide AND Nanoparticles AND E171 AND  
Metabolism) (4); (Titanium dioxide AND Nanoparticles AND E171 AND  
Excretion) (1); (Titanium dioxide AND Nanoparticles AND E171 AND ADME)  
(1); (Titanium dioxide AND Nanoparticles AND E171 AND immunotoxicology)  
(0); (Titanium dioxide AND Nanoparticles AND E171 AND neurotoxicology)  
(0).