



Colloque
6 & 7 juin 2023
Biocitech (Romainville-Paris)



Alternatives To Animal Experimentation

Innovative technologies
to reduce/replace laboratory
animals in industry

INNOVATIVE *in vitro* 3D skin model for safety assessment: A case report for the sensitization

**GROUPE
ICARE**

Expert in the safety
of health products



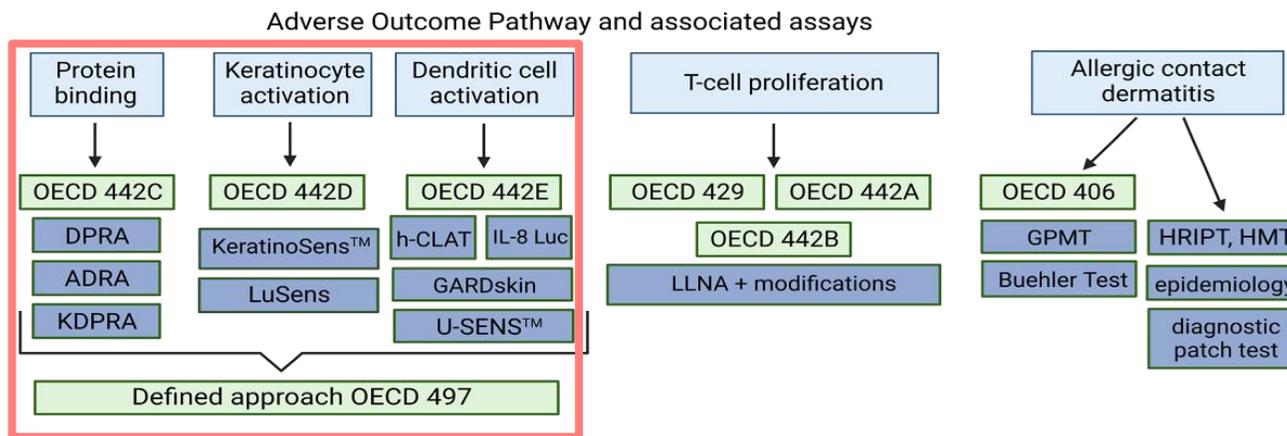
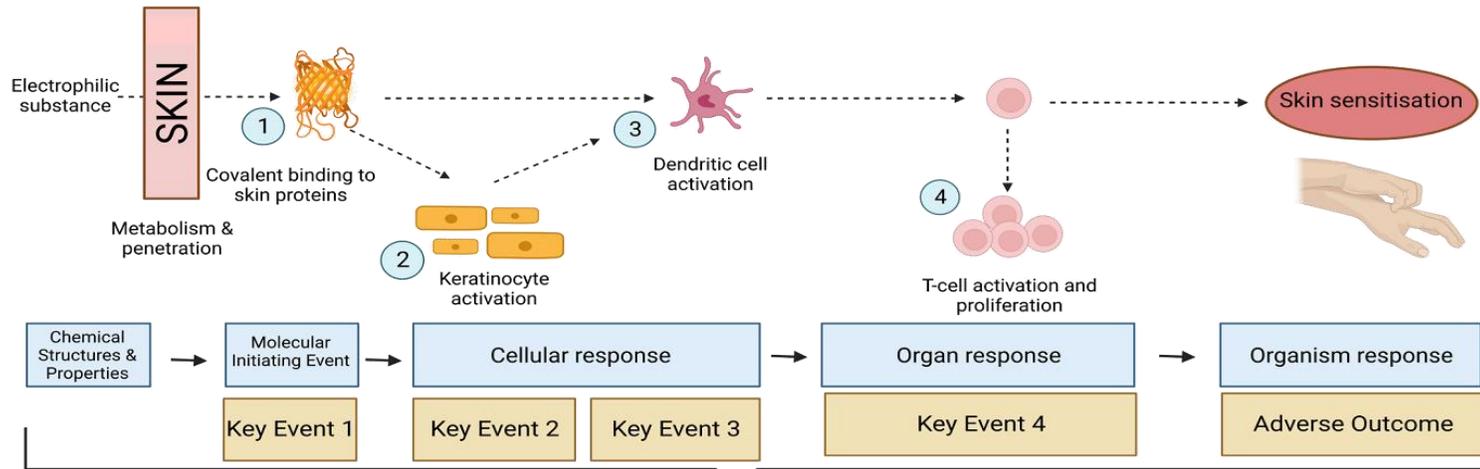
BIOTOX

- ✓ Biocompatibilité
- ✓ Toxicologie
- ✓ Mutagénicité/génotoxicité
- ✓ Pharmacologie de sécurité
- ✓ Ecotoxicité aquatique/biodégradabilité



Alternative to animal model
Preclinical
Organoids (vascularized/immunocompetent)
Microphysiological system
Skin & Melanoma

Skin-Sensitization Assessment

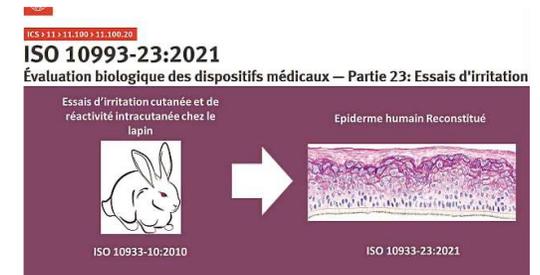


Chemical



Medical Devices

ISO EN 10993-10 (2023)
ISO EN 10993-23 (2021)

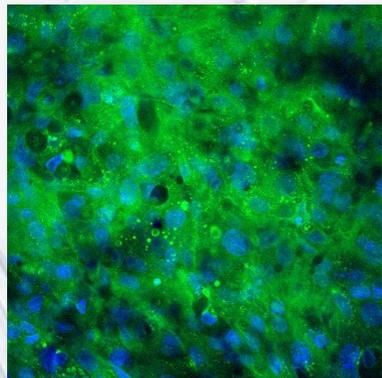


Cosmetic : Ingredient

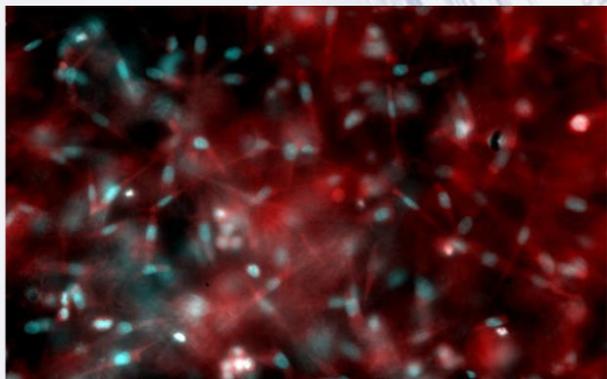
Forbidden since 2009 EU
but ANNEX VII REACH

Objective

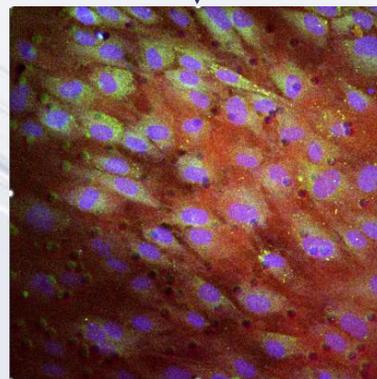
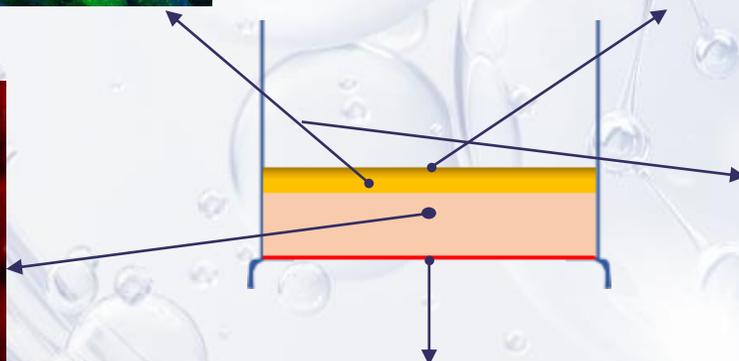
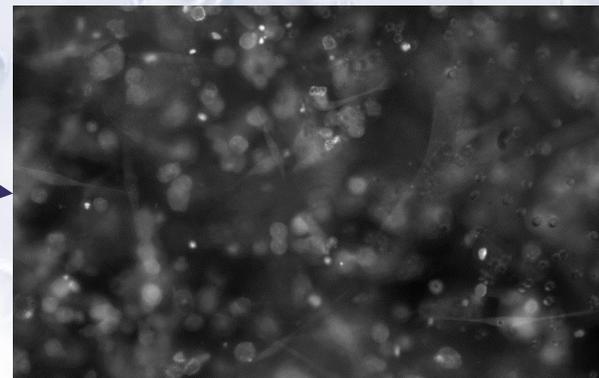
Keratinocyte



Fibroblast



THP-1



Endothelium

See you soon
on our poster and
respond
to your questions