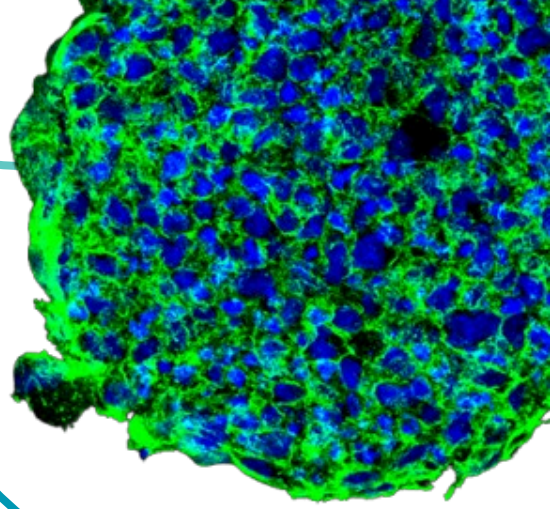
VitroScreen
A SenzaGen Group company



Your experts in testing on 3D reconstructed human tissue models

GET OUR SERVICES

Regulatory Toxicology Testing Services

OECD 431 Skin Corrosion
OECD 439, ISO 10993-23 Skin Irritation
OECD 442E, 442D, 442C Skin Sensitization
OECD 428 Skin Absorption
OECD 492, 492B Eye Irritation
OECD 432 Photocytotoxicity
OECD 498 Photoirritation

Ministero della Salute | Italian Ministry of Health GLP Certificate ›

Histo-Morphological Platform

Collagen III, Collagen IV, pro Collagen I
Decorin
SPARC
Tropoelastin
Fibronectin
α SMA

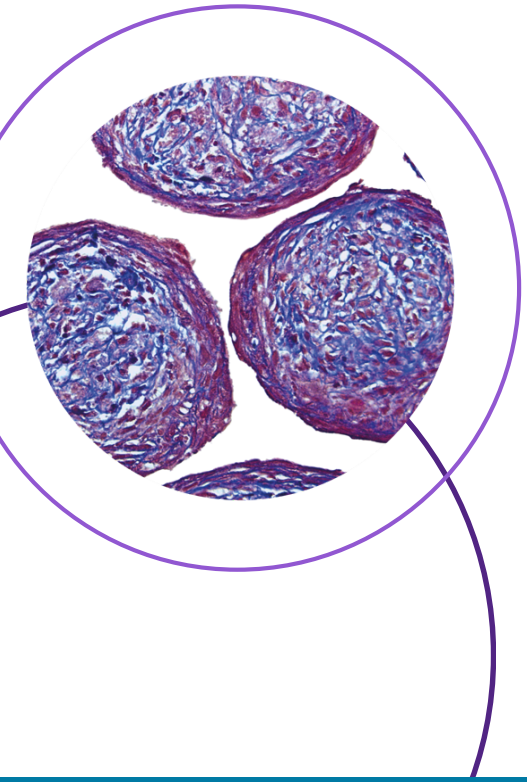
Microbiological Research

Microbiological Screening
Interference on bacterial growth and metabolism
Customize Microdilution Assay
Bacterial Adesion
Anti-mycotic effects
Microbiome impact on barrier function

Efficacy Tests

Moisturizing effect
Soothing effect
Film-forming effect
Anti-aging effect
Replenishing effect
Whitening effect
Photo protective

...Get in touch to find out about all the other services!



VitroScreenORA®

A Multifaceted Platform for Efficacy and Safety testing

Models

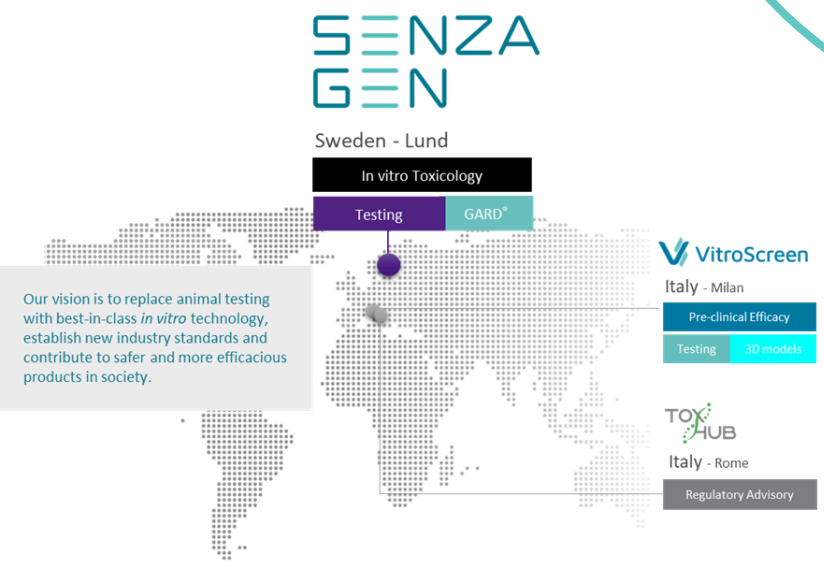
Dermis
Skin
Hair follicle and dermopapilla
Adipe
Corneal Stroma
Prostate
Cartilage
Endometrium

Benefits

Natural state spheroids for superior testing

Biologically relevant models characterized by greater complexity

Implementation of a Multi-Omics strategy utilizing signatures from relevant biomarkers



SENZA GEN

TOX HUB®
Tailored Toxicology Solutions

Pioneers within in vitro skin sensitization testing, leveraging genomics and machine learning technology.

With high performance and broad applicability, the **GARD® technology**, is bringing new opportunities to the field.

GARD® for Skin Sensitization testing

GARD®skin (OECD TG 442E)
196 genes
Binary hazard identification of skin sensitizing chemicals.
Works for a wide variety of test chemicals: UVCBs, Natural Extracts, Formulations and more.

GARD®skin Dose-Response (TGP 4.106)
196 genes
Skin sensitization testing for quantitative potency assessment.

- LLNA EC3 value
- Human skin sensitizing potency (NESIL/NOEL)
- GHS/CLP classification (1A or 1B)

GARD®skin Medical Device
196 genes
In vitro skin sensitization testing of Medical Devices according to ISO 10993-10.
Supporting both polar and non-polar extraction vehicles as recommended in ISO 10993-12.

ToxHub is a group specialized in ensuring the safety of your products and their regulatory compliance with an extensive and proven track record in **Toxicological Risk Assessment.**

We are a dynamic and proactive **consultancy company**, with a broad range of toxicological expertise in the pharmaceutical, chemical and health care area.

Tailored Advisory For Cosmetics

Toxicological characterization of new cosmetic ingredients

- Development of project plans for new cosmetic ingredients using non-animal alternative methods (in silico and in vitro) in compliance with Regulation (EC) No 1223/2009
- Selection and monitoring of the most suitable in vitro assays for evaluating the safety and efficacy of new cosmetic ingredients and formulations;
- In-depth literature search review of all cosmetic ingredients, to assess if they meet restrictions and limitations of regulatory agencies.

Product Information File (PIF)

- art A – Cosmetic Product Safety Information
- Part B – Cosmetic Product Safety Assessment
- Notification via CPNP (Cosmetic Product Notification Portal)

Claim substantiation

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