

From a thousand tests to the right one.

MULTI-ENDPOINT BIOCOMPATIBILITY TESTING ON LIVING HUMAN TISSUE.

LIMITED PILOT SPOTS

OECD

FRAMEWORK-ALIGNED

100%

HUMAN-RELEVANT DATA

0

ANIMALS, HYGRODELS & SCAFFOLDS

20+

YEARS OF TEAM EXPERIENCE

Designed to run for up to 180 days, our model captures cytotoxicity, pro-inflammatory tissue response, leachables, and repeated dose effects, covering ISO 10993-5, -6, -10, -11, -12, -22 and -23 in a single human-relevant platform.



THE PROBLEM OF CONVENTIONAL TESTING:

RECONSTRUCTED SKIN/SPHEROIDS/EX VIVO

Ex vivo donor skin is real, but it's already stressed when removed and dead within a week, making chronic effects invisible. Reconstructed models last longer but are built on synthetic scaffolds and hydrogel matrices, altering how your compound behaves towards human biology.

Manipulated biology.

ANIMAL MODELS

Animals have different pH, barrier mechanics, and immune responses. Every result requires cross-species extrapolation, which is often not 1:1 applicable for human predictions.

Animal data isn't human data.

COMPREVIE: YOUR BIOCOMPATIBILITY PARTNER

Our models range from 2D to 3D. They're age & sex matched, built with no gels or scaffolds, and alive for up to 180 days.

We give you longitudinal data on human skin, for fully informed R&D decisions.

Human-relevant data.



WHAT A PILOT OFFERS:

- **In vitro tests at 50% discounted price**

The most human-relevant in vitro readouts, from 2D to 3D, at a unique price compared to the state of the art. Scientific interpretation instead of raw data.

- **Your scientific partner, not just your testing lab**

End-to-end support for your testing project, from timeline, method selection, execution, and results delivery.

- **OECD-relevant data for your dossier**

Cytotoxicity, inflammatory response, ECM remodelling, gene expression: chronic exposure data, etc. Full picture, not a single snapshot.

- **Full study design & project management**

With unique expertise in the field, we help you figure out what test you actually need for your product.

“Partnering with CompreVie on microfluidic projects has been an absolute game-changer.”
–UpNano GmbH

