



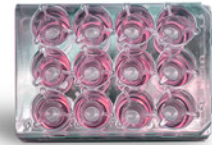
# NEXT GENERATION 4D HUMAN TISSUE AUTOMATED ORGAN-ON-CHIP TECHNOLOGY



# PRODUCTS



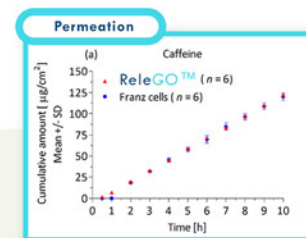
12 reconstructed tissues  
from human cells  
(any pre-existing  
validated model)



OR



12 Human biopsies



Caffeine permeation - ReleGO™ against Franz Cells  
Alberti et al., Lab on a Chip 2017

Plug-and-play

Fully  
automated

Versatile

High  
throughput

- Up to 12 **biopsies**, **synthetic membranes** or **2D/3D organotypic cultures** can be loaded in REVex™ chips and run simultaneously
- ReleGO™ testing system mimics the function of the **blood flow** and creates *in vivo*-like conditions
- Skin-on-chip devices are mounted on ReleGO™ and the eluates **collected in 96-well plates**
- ReleGO™ is an **automated fraction collector** with additional functions of **temperature control** and **fluidic handling**

# DARE-TO-ACT

## COMMERCIAL STRATEGY

We provide expert consultation for optimal testing setup, execution, and assessment strategies, ensuring successful claims differentiation.

## PROJECT EXECUTION

Efficient mechanistic, safety & efficacy studies on ingredients & formulations using our versatile organ-on-a-chip platform and 4D tissue model expertise.

## COMMERCIAL EXECUTION

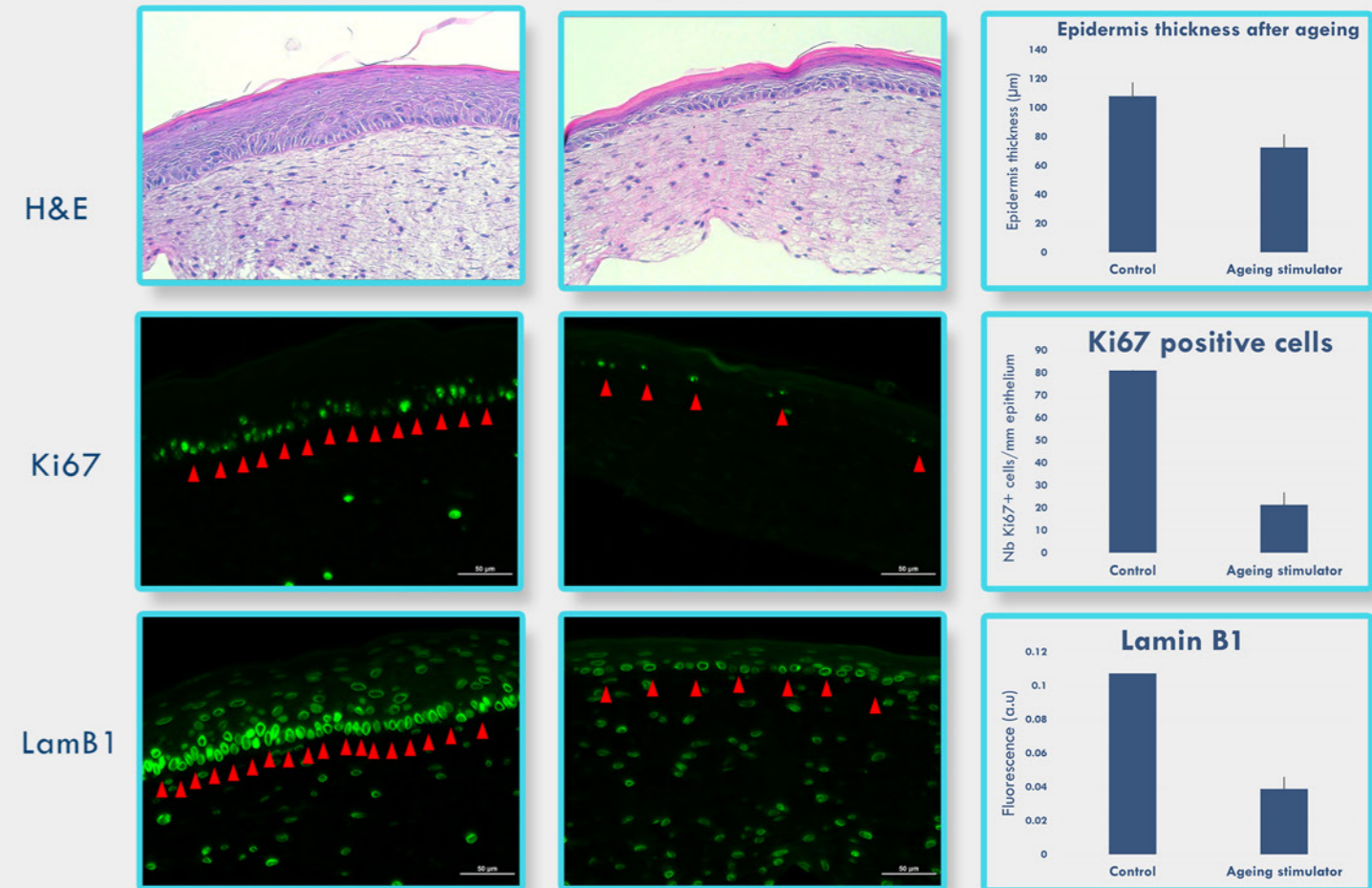
We advise clients on translating unique support data into successful claims, regulatory paths, and differentiated commercial plans.

### > Model

Our company's non-oxidative stress ageing method uses a perfusing model to simulate tissue ageing and explore treatments to protect skin cell proliferation and stemness.

### Chronological Ageing

#### Control vs Chronological Ageing Simulator



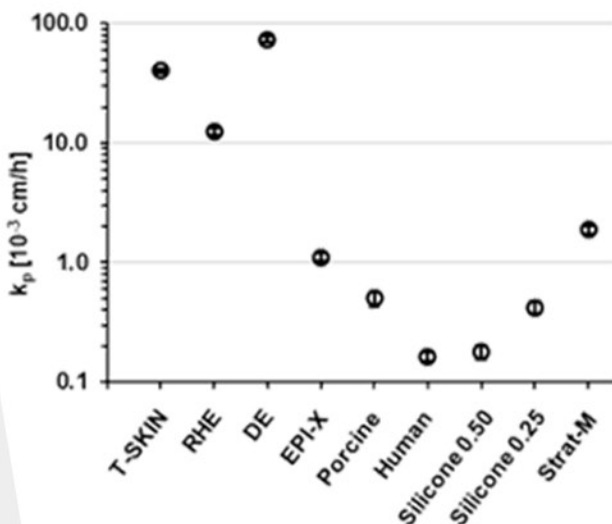
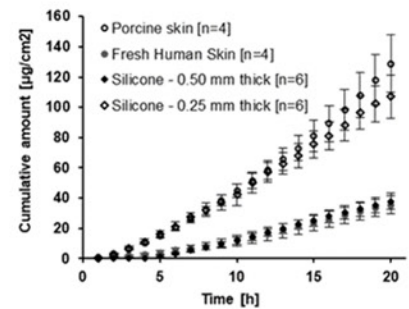
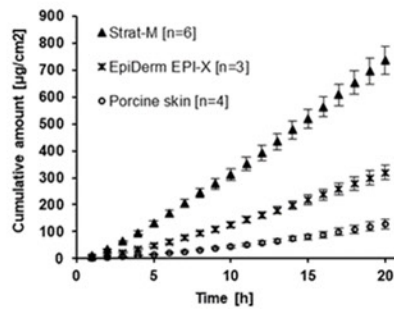
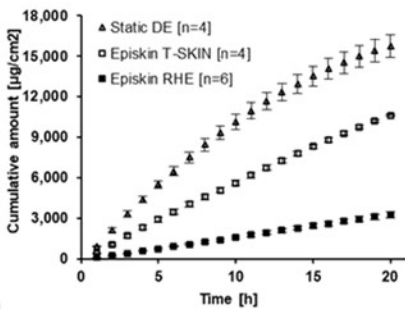
## > Advantage

Determine whether a treatment accelerates healing by monitoring a marker that is secreted by the skin when its barrier function is compromised.

### Wound Healing



### Permeation



## > Model

Automated permeation assays can be conducted using skin equivalents, real human skin explants and synthetic membranes. Infinite or finite dose can be used.



# YOUR STRATEGIC PARTNER

**PROJECT  
REALISATION**

**CLAIMS  
DIFFERENTIATION**

**MARKET  
DEPLOYMENT**

**CONTACT US TO KNOW MORE**



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