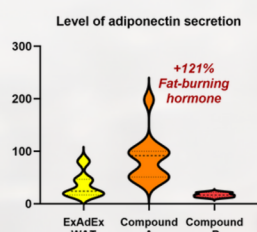
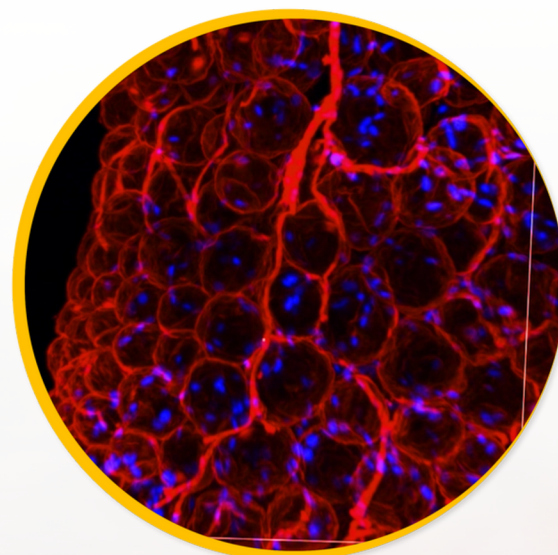


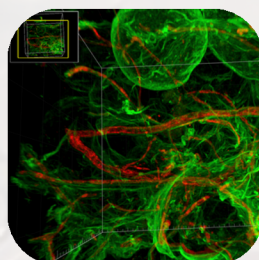
# HUMAN FAT TISSUE MODELS

Real *ex vivo* human tissue models to evaluate the impact of dermo-cosmetics, nutraceuticals and cosmeceuticals on fat tissue and hypodermis physiology involved in skin aging, firmness loss, cellulite and slimming



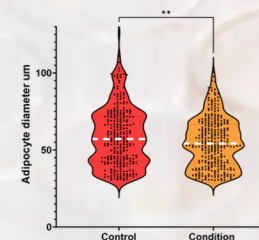
## TISSUE SUPPORT

- Markers linked to fat tissue homeostasis and metabolic health (adiponectin)
- Extra-cellular matrix and deep tissue firmness (collagen, elastin)
- Skin firmness, plumping effect



## CELLULITE & ADIPOSITY

- Amelioration of lipid metabolism and adipocyte size reduction
- 3D fat tissue structure and extra-cellular matrix remodeling
- Adipose cellulite



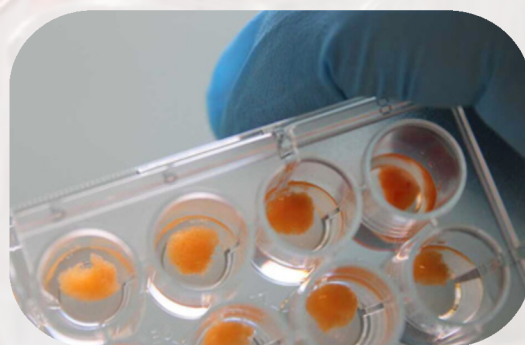
## SLIMMING & FAT BURNING

- Fat-burning activity: lipolysis, thermogenesis (UCP1)
- Secreted hormones and adipokines
- Anti-inflammatory and repairing activities

## BEYOND FAT CELLS, THE REAL FAT TISSUE

Readouts & datasets:

- **Multi-parametric Analysis:** secretome and transcriptome profiling, 3D/4D imaging
- **Functional Assays:** hormones secretion, lipolysis, thermogenic activity, native adipocyte size
- **A Unique Model:** the only complete model of real human fat tissue, long-term culture, body-site specificity



## CLAIM SUBSTANTIATION AND MARKETING SUPPORT

An ethical and valid alternative to animal experimentation to get closer to *in vivo* studies

Human tissue-based data to substantiate your cosmetic claims and drive product innovation

Full scientific and marketing support for your development needs

