

EXOVIVE™ LIFT

Powered by plant-derived exosome technology

*Nature's cellular code
for skin regeneration.*



EXOVICE™ LIFT: nature's cellular code

Plant-derived exosomes nurture, re-programm and restore the cell communication.

When cells stop talking, skin starts aging. Aging, at its core, is a communication breakdown

Setting new standards in the field of plant-derived exosomes:

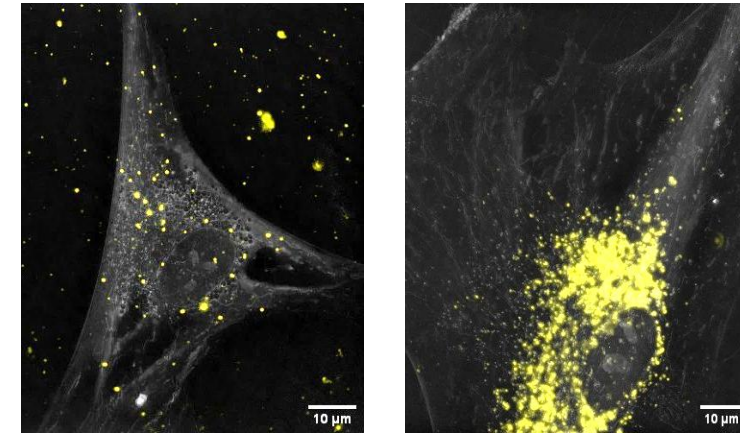
- **Unique blend of 3 organic fruits:** Alpine Apple, Mediterranean Tangerine and Sicilian Papaya
- **Impressive visualization** of plant-derived exosomes entering fibroblasts and migrating to the nucleus
- Powder form containing **3.8 trillion exosomes/g**, vesicles size between 100 and 300nm with a **low use level 0.026%**, delivering **one billion vesicles in a single application** (1 ml)
- **Highly Sustainable** and proprietary manufacturing extraction process preserving the vesicles: from organic Italian biodiversity, with low carbon footprint

Exosomes are extracellular vesicles used as couriers to exchange essential nutrients such as peptides, lipids, secondary metabolites, antioxidants and growth factors, amongst others. They also deliver genetic instructions that enable key regeneration processes (e.g. miRNA).

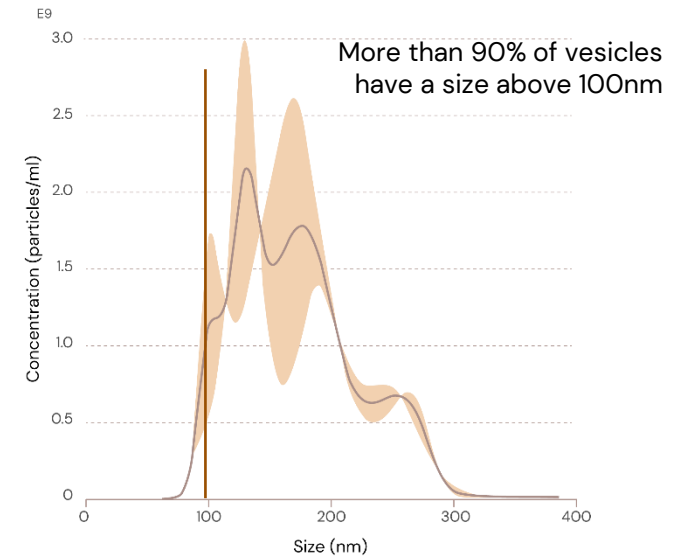
Characterization:

- **secondary metabolites:** flavonoids (nairutin, hesperidin, phloridzin,...), antioxidants (ascorbic acid, catalase,...), triterpenoids, phenolic acids,...
- **>40k miRNAs** identified, some (miR164, miR390,...) have skin benefits such as skin regeneration, barrier function, extracellular matrix homeostasis

Plant derived exosomes from EXOVIVE™ LIFT entering the fibroblasts and surrounding the perinucleus



Distribution curve of EXOVIVE™ LIFT vesicles



EXOVIVE™ LIFT: nature's cellular code for skin regeneration

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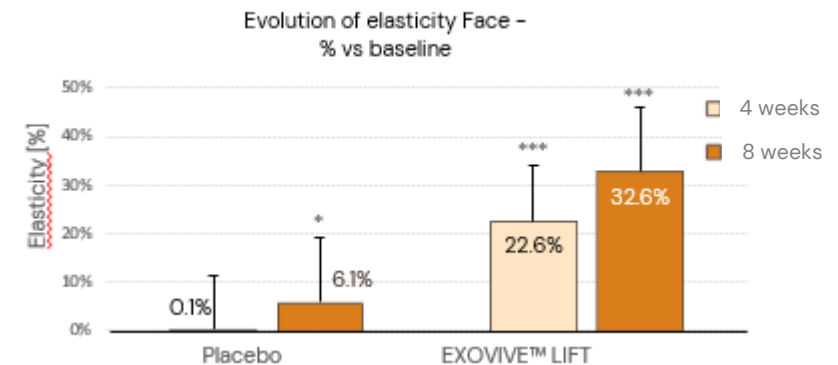
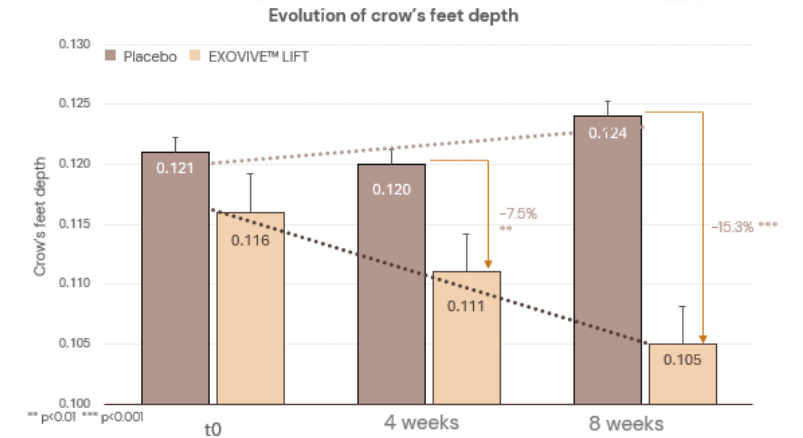
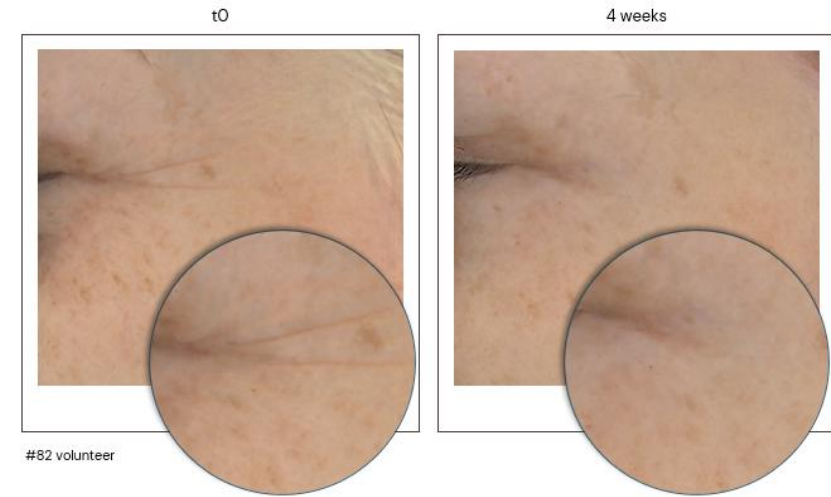
- +90% Collagen 1 boost in vitro

Outstanding clinically proven* efficacy after 2 months:

- Re-densifies & plumps the skin for a more youthful and sculpted look
- Reverses 8 years of wrinkles appearance (4 years in just 1 month)
- +33% significant impressive boost in skin elasticity and + 22% skin firmness
- +15% skin plumping vs placebo
- Overperforms the equivalent standard fruit extract: 9x better crow's feet depth improvement and 3.9x better elasticity boost than fruit extract

Proteomics study*:

- Almost 3000 proteins identified on tape strips, +200 proteins significantly modulated by EXOVIVE™ LIFT
- Plant miRNA plays a key role: Clear mode of action how EXOVIVE™ LIFT can trigger wrinkle improvement via fruit miRNAs regulation on specific skin proteins involved on key biological pathways such as **chronic inflammation**, **loss of proteostasis** and **intercellular communication**
- Skin longevity: tackles 8 hallmarks beyond intercellular communication of aging by **up-regulating key proteins** vs placebo involved in skin regeneration, skin barrier, extracellular matrix,...



*: in vivo

EXOVIVE™ LIFT

ID Card: 5018504

INCI NAME:	Malus Domestica Fruit Extract, Citrus Reticula (Tangerine) Fruit Extract, Carica Papaya (Papaya) Fruit Extract, Maltodextrin		
SUSTAINABILITY:	Organic cultivation, responsible sourcing, with low impact on the environment		
TECHNOLOGY:	- Gentle isolation of plant-derived exosomes from fruit juice with physical processes only 3.8 trillions plant-derived vesicles per g 100% of natural origin – no preservative		
TECHNICAL:	Form: Powder pH of use: 3.0– 10.0	Use level: 0.026% (<i>in vivo</i>) Preservative: Free	Solubility: Water Biodegradable: Readily biodegradable
BENEFITS:	- Re-densifies and plumps the skin for a more youthful and sculpted look** - Reverses the wrinkle appearance by 8 years after 2 months, and by 4 years in just 1 month** +33% significant impressive boost of skin elasticity** +90% collagen I * - Tackles 8 hallmarks beyond altered intercellular communication by modulating key proteins involved in skin regeneration (via miRNAs*)**		
REGISTRATION CERTIFICATION:	  		

* In vitro ** In vivo

EXOSYNC

with EXOVIVE™ LIFT

Syncing skin cells
for deep regeneration

**What if nature could speak
directly to your skin?**

Exosome science says yes. The skin is a living network of cells, constantly communicating through microscopic messengers called exosomes. Aging, at its core, is a communication breakdown. When cells stop talking, skin begins to age. But this dialogue can be restored.

Intercellular communication within plants happens in the same way. Powered by the innovative EXOVIVE™ LIFT, the EXOSYNC line captures the quintessence of nature to resume skin cells communication. Carefully sourced from organic natural origins, plant-derived exosomes are preserved at full

Reverses
8 years of
wrinkles

Up to +30%
skin's
elasticity



dsm-firmenich ●●●

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The Longevity Challenge

When cells stop talking, skin starts aging

Skin is a living network of cells constantly communicating, through microscopic **messengers called exosomes**, which are used by cells **to share nutrients and genetic instructions (miRNA)**.

As we age, the dialogue fades and skin loses vitality.

Aging at its core is a communication breakdown.

Our Solution

EXOVIVE™ Next generation science-backed Plant-derived exosomes

What if nature could restart the conversation?

Intercellular communication within plants happens in the same way.

By comparing plant & human miRNA sequences, we found an explanation for how these **cross-kingdom miRNAs** support smoother, younger-looking skin.

Inspired by regenerative medicine, **EXOVIVE™** speaks skin's native language, helping it remember how to be young.

It nurtures, reprograms & restores.

Proven Efficacy

Decoding nature's intelligence. Delivering superior results.

dsm-firmenich sets new scientific standards

- Characterization & standardization
- 1Bln vesicles in 1 ml
- Visualization of mode of action
- >40k miRNAs identification
- +90% Collagen boost*

Outstanding in vivo results:

- Re-densifies & plumps the skin +33% skin elasticity (after 2 months, highly significant)
- Reverses 8 years of wrinkles
- Superiority vs equivalent plant extract



t0



#B2 volunteer

4 weeks



8 weeks



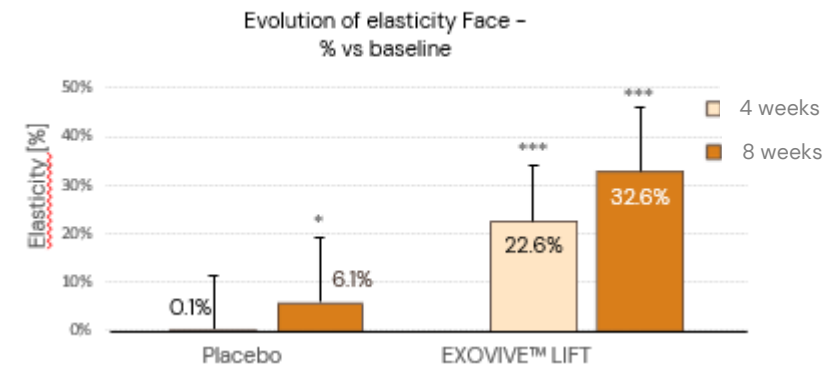
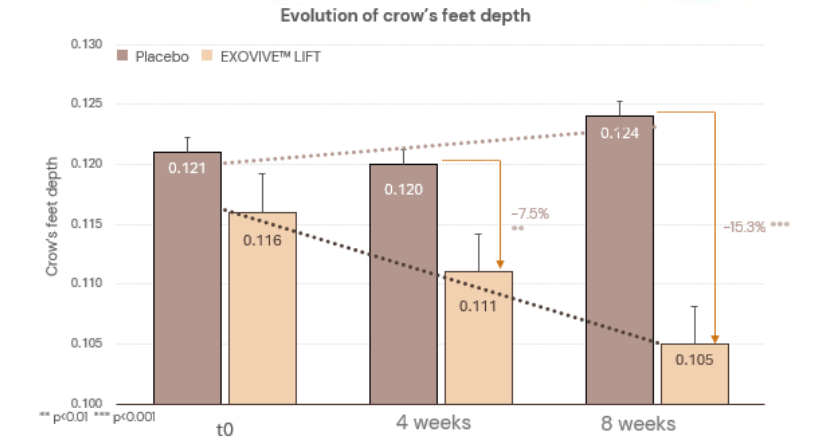
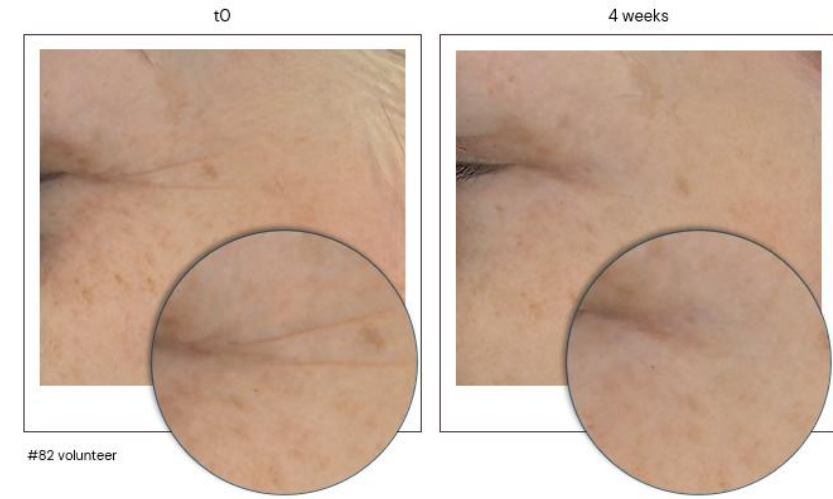
2 months, double-blinded, randomized, half-face, placebo-controlled study. Twice daily application. 45 Female volunteers, per application mainly phototype II to III, 37 to 69 y.o. 0.026% EXOVIVE™ LIFT (1 billion plant-derived exosomes per ml)

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Setting new standards in the field of plant-derived exosomes:

- Outstanding clinically proven** efficacy in two months:
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 - ✓ Tackles 8 hallmarks beyond intercellular communication of aging by up-regulating key proteins involved in skin regeneration, skin barrier, extracellular matrix,... (via miRNAs*)**
 - ✓ Overperforms the equivalent standard fruit extract
- +90% Collagen 1 boost*
- Unique blend of 3 organic fruits: Alpine Apple, Mediterranean Tangerine and Sicilian Papaya
- Impressive visualization of plant-derived exosomes entering fibroblasts and migrating to the perinucleus region
- Characterization (secondary metabolites and >40k miRNAs) & standardization
- One billion vesicles in a single application (1 ml)
- Highly Sustainable and proprietary manufacturing extraction process preserving the vesicles: from organic Italian biodiversity, with low carbon footprint
- Powder form containing 3.8 trillion exosomes/g, low use level 0.026% , vesicles size between 100 and 300nm



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