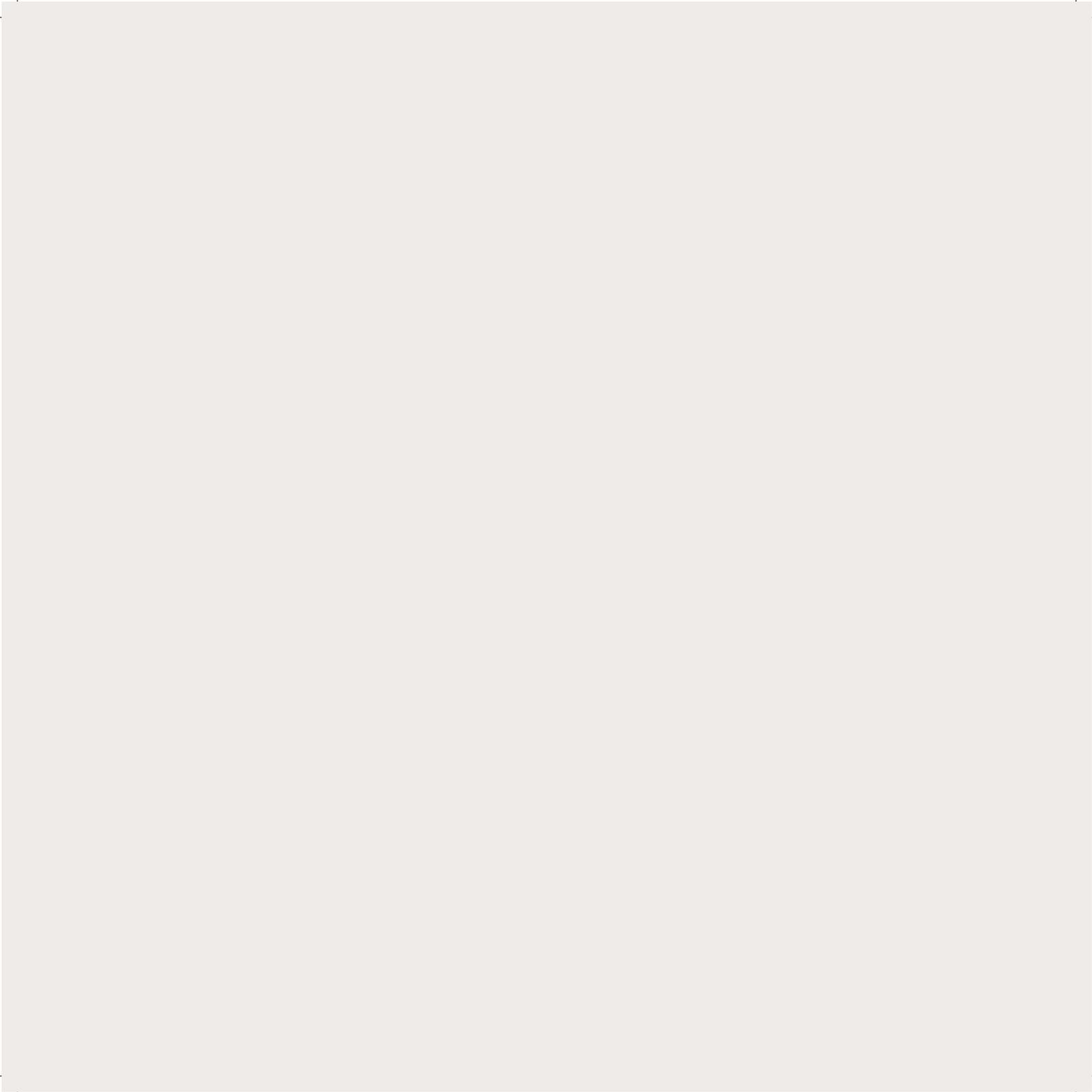




MORPHIYA

EXOMORPHIC BIOTECH™

REGENERATE AND REJUVENATE FROM WITHIN
BIO-ENGINEERED EXOSOMES



2002

The London Regenerative Institute (LRI) founded by Dr. Steven Cohen and Dr. Tunç Tiryaki.

2006

They achieved a significant scientific milestone with the use of fat-derived stem cells, creating regenerative therapies that have been adopted globally by the medical community.

2009

The introduction of cytotory enzyme-based stem cell isolation.

2017

Launch of the Lipocube mechanical isolation system.

Today, LRI is a premier hub for multidisciplinary expertise, uniting the world's leading scientists and doctors to advance bio-science in cellular regeneration.

A cornerstone of LRI's innovation is the patented Exomorphic Biotech™ program. This transformative therapy uses Hybrosomes™ and this breakthrough exemplifies LRI's mission to harness the body's natural regenerative potential through advanced therapies that enhance both aesthetics and internal health.

OUR GLOBAL COLLECTIVE OF SKIN LONGEVITY EXPERTS



**Assoc. Prof. Dr.
Tunç Tiryaki**



**Dr. Steven
R. Cohen**



**Dr. Sahar
Foad Ghannam**



**Dr. Kai-Uwe
Schlaudraff**



**Dr. Aris
Sterodimas**



**Dr. Benjamin
Ascher**

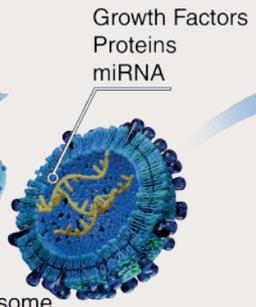


**Dr. Diane
Duncan**



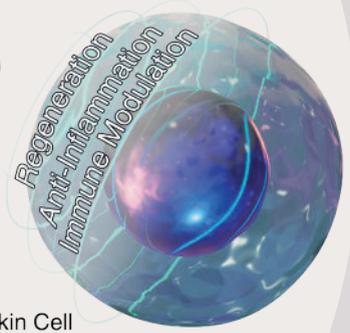
Young Cells

SECRETION



Exosome

Growth Factors
Proteins
miRNA



Skin Cell

Regeneration
Anti-Inflammation
Immune Modulation

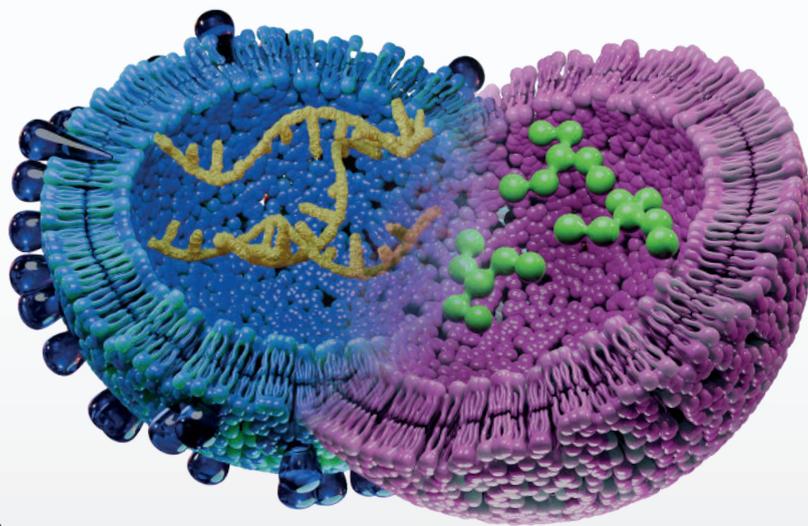
WHAT ARE EXOSOMES?

Exosomes are tiny vesicles released by cells that act as 'youth messengers.' They transfer miRNAs, proteins, and growth factors between cells, supporting tissue repair and skin health. They enhance cell communication, promote collagen production, repair damage, and support cellular rejuvenation, which may help delay the aging process.

Exosomes' rejuvenating power is significantly enhanced by the availability of critical building blocks in recipient cells. Our patented technology utilizes exosomes while overcoming their limitations, providing superior rejuvenation.

Growth Factors
Proteins
miRNAs

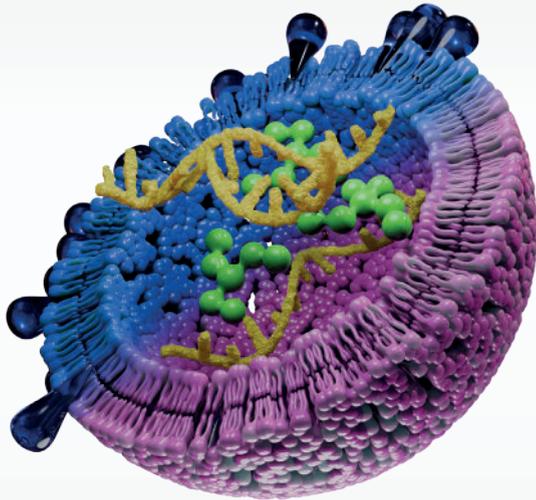
Vitamins
Peptides
Minerals



Exosome

Liposome

INNOVATING YOUTHFUL SOLUTIONS: OUR TECHNOLOGY AND APPROACH



Hybrosome™

Our patented Hybrosome™ Technology combines young exosomes with liposomes loaded with clinically proven active ingredients and powerful natural components. This advanced approach delivers rejuvenating signals and essential nutrients directly to the cells, enhancing skin regeneration. By overcoming the limitations of ordinary exosomes, it provides superior performance for skin rejuvenation.

Patented Hybrosome™ Technology

Combines exosomes with liposomes filled with essential nutrients and powerful natural ingredients through cationic fusion.

Young Exosome Sources

All our exosomes are derived from young origins, including newborn calf umbilical cord blood and early-stage plants, preserving youthful cellular information.

Tailored Exosome Sources for Targeted Skin Benefits

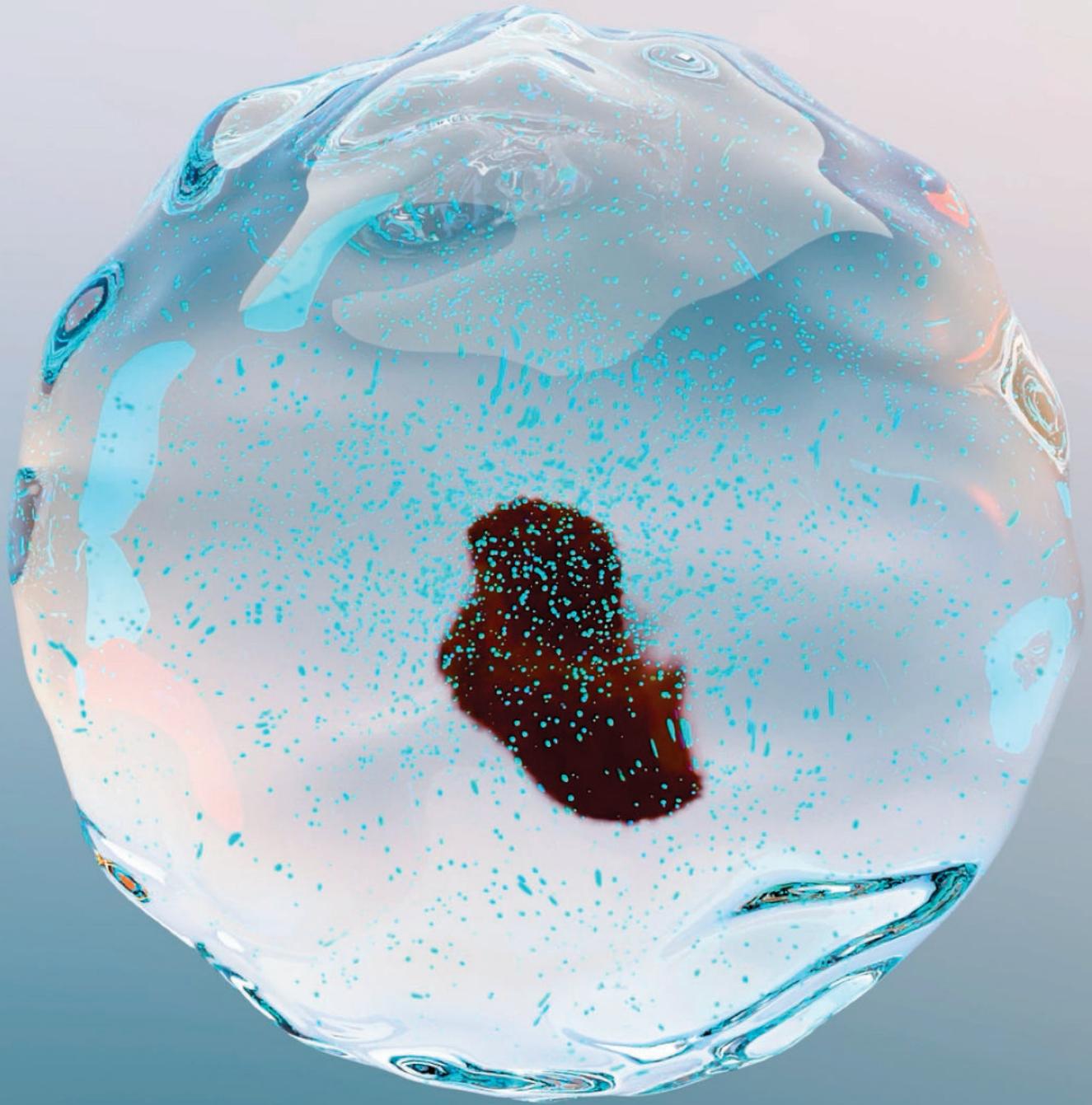
Hybrosome™ Technology enables the bio-engineering of diverse exosome sources, such as plants, cord blood or other origins. Guided by our expertise, we select the most effective source for each product, ensuring maximum efficacy for specific skin concerns.

Pharmaceutical-Grade Sourcing and Rigorous Safety Testing

The cord blood is ethically sourced from birth waste materials, following strict pharmaceutical standards to ensure safety and quality.

Patented Proprietary Isolation Technology

Utilizes advanced techniques to efficiently isolate and activate plasma.



HYBROSOME™

Hybrosome™ is bio-engineered young exosome, enriched with essential nutrients and powerful natural ingredients to enhance skin regeneration. Unlike ordinary exosome, Hybrosome™ delivers both rejuvenating signals and nutrients, creating an optimal environment for cellular renewal.

It improves cellular function, replaces damaged signals, and promotes skin rejuvenation. With its advanced structure, Hybrosome™ penetrates deeply from the epidermis to the dermis, boosting collagen synthesis, accelerating cellular turnover, and rejuvenating the skin at a deep level.

mIRNA INSIGHTS IN CALF CORD BLOOD DERIVED HYBROSOME™

Unlocking Cellular Longevity

Hybrosome™ contains an extraordinary diversity of

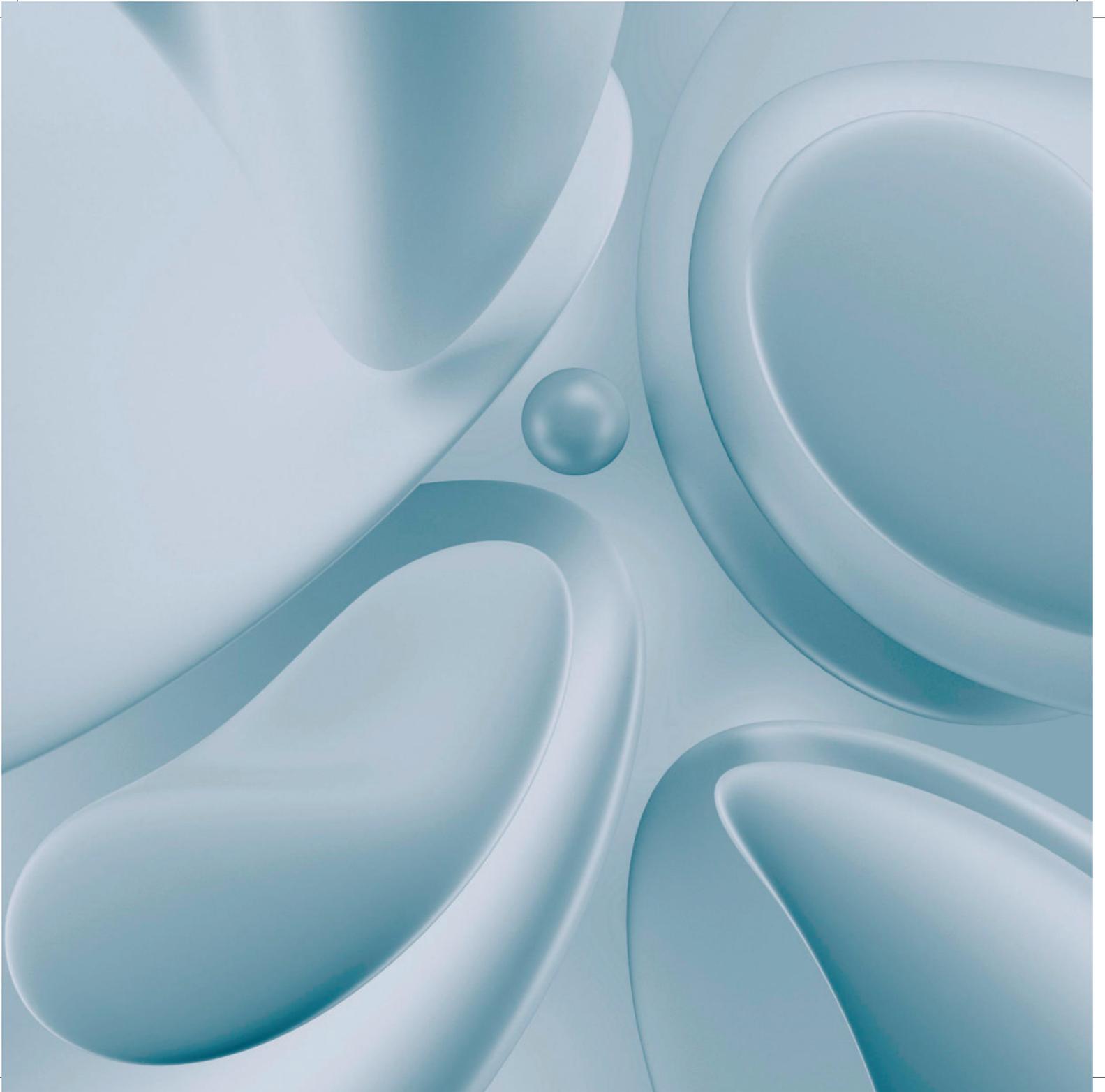
1,031

unique miRNAs

98%

of which are scientifically related to regeneration and lifespan extension.

This unparalleled miRNA variety drives advanced cellular rejuvenation and regeneration, making Hybrosome™ a cutting-edge solution for anti-aging and aesthetic applications.



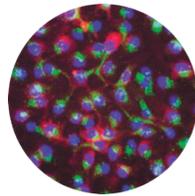
IN VITRO TESTING

CELLULAR UPTAKE OF HYBROSOME™

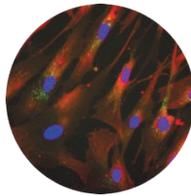
Hybrosome™ enhances rejuvenation by **effectively penetrating** various human cell lines.

Hoechst stains nuclei blue, PKH67 labels exosomes red, and FITC marks the cytoplasm green, to visualize cellular components.

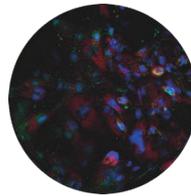
Uptake was done HACAT, HUVEC and HDF cells.



Human
Keratinocytes



Human Umbilical Vein
Endothelial Cells



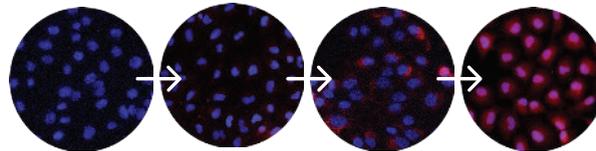
Human Dermal
Fibroblast

ANTI-INFLAMMATORY EFFECTS OF HYBROSOME™

Hybrosome™ enhances cell viability by up to 4x, promoting superior skin rejuvenation and repair.

COLLAGEN INCREASE OF HYBROSOME™

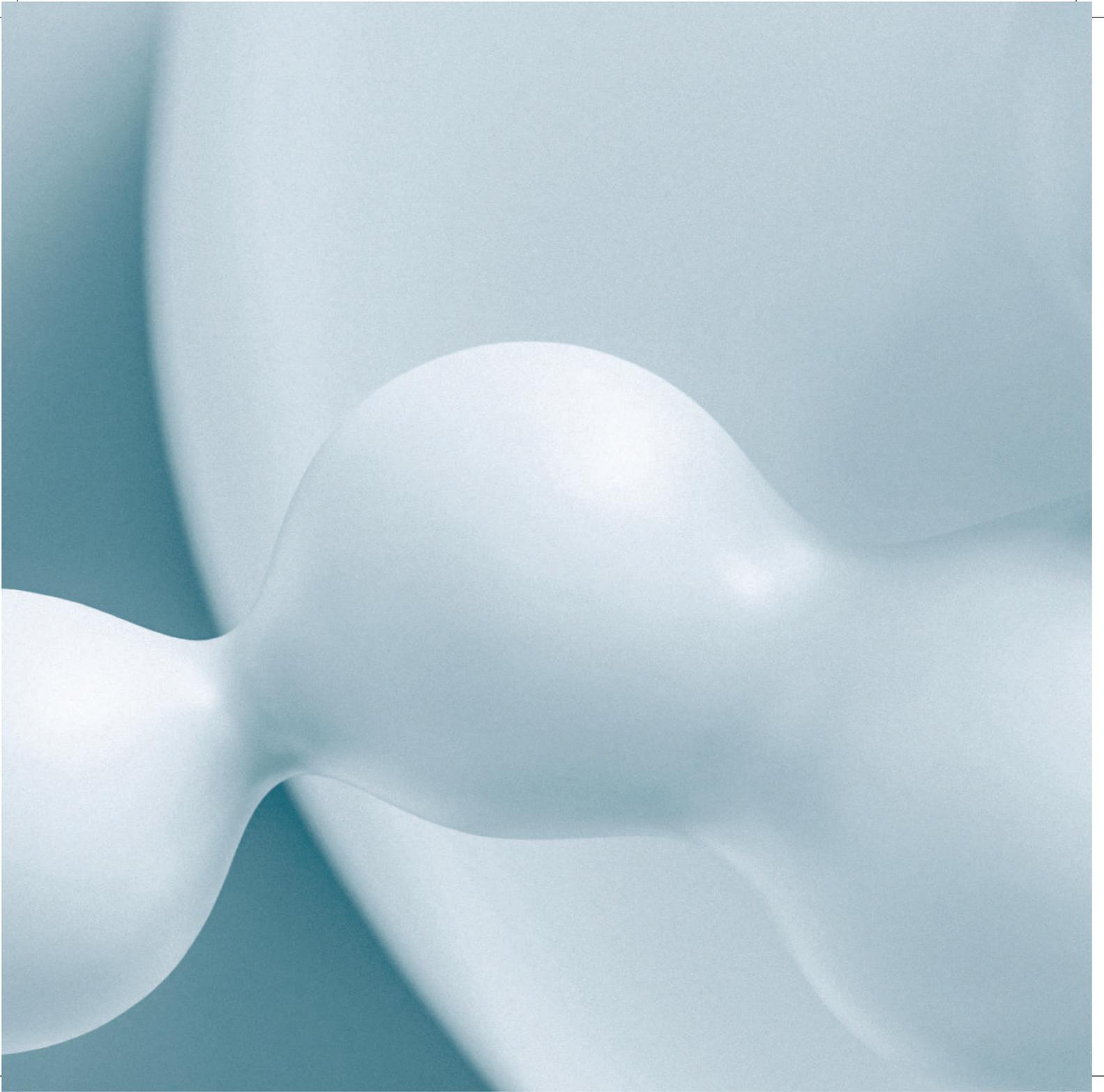
Hybrosome™ increases collagen production by **390%** compared to the control group.



Red indicates increase in collagen

REGENERATION CAPACITY OF HYBROSOME™

Hybrosome™ **boosts cellular regenerative capacity by 50%** for enhanced rejuvenation.



IN VITRO TESTING

WOUND HEALING EFFECTS OF HYBROSOME™

Hybrosome™ **doubles wound healing speed**, accelerating recovery in cell culture.

EFFECTS OF HYBROSOME™ ON ROS LEVEL

Hybrosome™ **reduces ROS levels by 50%** compared to control cells, **enhancing cellular protection.**

HYBROSOME™ vs. EXOSOME An Overview

	HYBROSOME™ (Bio-engineered Exosome)	EXOSOME (Adipose Derived Stem Cell Exosome)
PARTICLE SIZE	180 - 220 nm	180 - 120 nm
PARTICLE COUNT	2,78 x 10/ml	1,76 x 10/ml
SURFACE ACTIVITY	79%	90%
<i>IN VITRO</i> WOUND HEALING ASSAY	98%	62%
REGENERATION CAPACITY	45%	12%
ANTI INFLAMMATION	153%	72%
GENE EXPRESS ANALYSIS <small>(Wound healing related genes, elastin, collagen)</small>	X 4,9	X 3,2

Hybrosome™ accelerates regeneration, delays aging, enhances wound healing, and reduces inflammation, providing superior results for age-related and aesthetic concerns compared to exosomes.

RESULTS

Based on a 12-Week, Third Party, Double Blinded,
Randomized Clinical Study (n=106)

Reduction in
the appearance
of wrinkles

99%

Reduction in
the appearance
of fine lines

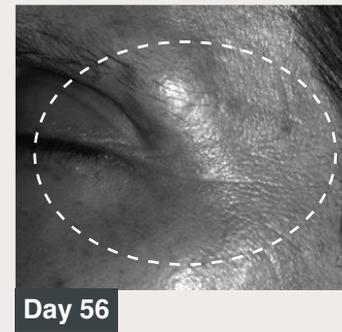
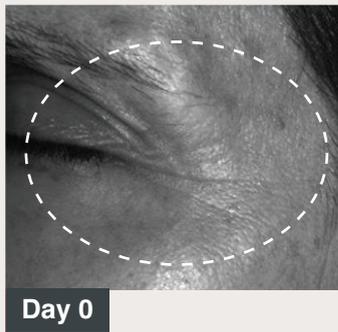
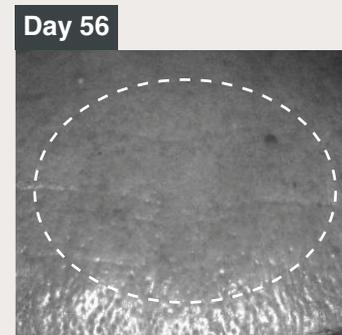
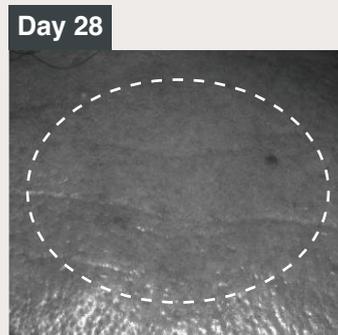
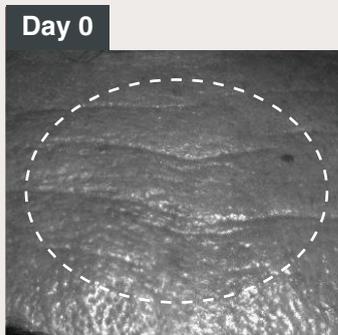
95%

Reduction in the
appearance of
hyperpigmentation

98%

Improvement
in the appearance
of healthy skin

Improvement
in the regeneration
of skin



CLINICAL PROOF

Overview of Clinical Studies

1st Study:

n=10
Compare effects of different cream formulations on skin

Results:

Hybrosome™ shows 19% greater improvement in elasticity and decreases in wrinkle area than 0.2% retinol.

2nd Study:

n= 104
Extended study compare Hybrosome™ cream vs. 0.2% Retinol

Results:

Hybrosome™ is 61% more effective in reducing transepidermal water loss, 76% more effective in diminishing wrinkle area, and 45% more effective in decreasing wrinkle count by day 28, with continued improvements of 38%, 79%, and 19% respectively by day 58 compared to 0.2% retinol.

3rd Study:

n=106
Confirm regenerative effect and wrinkle reduction of Hybrosome™ cream

Results:

Hybrosome™ reduces forehead wrinkles by 19% and crow's feet by 14% within 28 days.

4th Study:

n=20
Assess effects of Hybrosome™ and 0.2% Retinol, analyse changes in skin parameters

Results:

Hybrosome™ delivers up to 25% improvement in wrinkles, outperforming retinol (0.2%), which shows up to 16.3% efficacy. Hybrosome™ cream enhances complexion radiance and evenness, while retinol shows no efficacy in these areas.

A microscopic view of a cell, showing a large nucleus on the right and a smaller, circular vesicle in the center. The vesicle contains the text 'MORPHIYA EXOMORPHIC BIOTECH™ Bio-engineered Exosomes'. The cell is surrounded by a thin membrane, and the background is a light blue gradient.

MORPHIYA

EXOMORPHIC BIOTECH™

**Bio-engineered
Exosomes**

A microscopic image of a cell, likely a fibroblast, showing a large nucleus and a prominent, spindle-shaped structure in the center. The cell is surrounded by a thin layer of cytoplasm and is set against a light blue background. The spindle structure is composed of two parallel lines that meet at a point in the center, resembling a spindle or a pair of chromosomes. The overall appearance is that of a healthy, young cell.

**SKIN AND HAIR
PRODUCT RANGE**

Our groundbreaking biotechnology that transforms
aging cells into young cells

DERMAL HYBRID EXO KIT



Clinical-Grade Formula for Deep Penetration and Maximum Cellular Rejuvenation

DERMAL HYBRID EXO KIT is a clinical-grade formula featuring 6.95 billion Hybrosome™. It provides both essential cellular building blocks and rejuvenating signals, enhancing cellular performance and creating an optimal environment for cellular renewal.

Hybrosome™ penetrates deeply into the skin, boosting cellular function and repairing deep-set layers, supporting collagen formation, and maintaining skin firmness and elasticity. Ideal for those looking for an easy way to rejuvenate their skin. Available in leading clinics.

Powered by Hybrosome™ Technology

Bio-engineered with:

Peptides, Sodium Hyaluronate, Nicotinamide Adenine Dinucleotide (NAD), Glutathione, Vitamin E, Co-enzyme A and more.

Contents:

Vial 1: Dermal Lyophilized Hybrid Exo 30mg

Vial 2: Dermal Hybrid Exo Diluent 5ml

Directions for Use:

Thoroughly mix Vial 1 (Dermal Lyophilized Hybrid Exo) and Vial 2 (Dermal Hybrid Exo Diluent). Apply the mixture. For single use only. STERILE

Key Benefits:



Deeply nourishes and replenishes the skin, promoting angiogenesis and new tissue formation.



Addresses mature, dry, distressed, and chronologically or photo - damaged skin, creating a resilient and defined skin framework.



Delivers a youthful, vibrant appearance by replacing damaged cellular messages and improving skin quality over the long term.

S O S



High-Strength Recovery Cream for Faster Healing and Enhanced Post-Treatment Results

SOS Cream is a high-concentration skin recovery product that heals your skin through cellular renewal and regeneration.

This advanced cream reduces recovery time and enhances results for treatments like microneedling and various laser therapies. With ingredients such as Centella Asiatica, Aloe Vera, Green Tea, and Vitamin E, it promotes healing and creates an ideal environment for faster recovery and improved skin quality. Clinically proven ingredients for effectiveness. Available in leading clinics.

Powered by Hybrosome™ Technology.

Bio-engineered with:

Centella Asiatica, Aloe Vera Extract, Green Tea Extract Vitamin E, Niacinamide, Radish Root Ferment Ftrate and more.

Directions for Use:

Apply on clean skin, over the targeted area of damaged skin twice a day. Protect the area from direct sun light exposure and apply SPF moisturizer for extra care. 15ml

Key Benefits:

-  Promotes the growth of new blood vessels, ensuring better blood flow to speed up skin repair.
-  Helps new skin cells form faster over wounds, leading to quicker and more efficient healing.
-  Works to reduce the chances of scars, helping the skin heal more naturally.
-  Calms skin inflammation, making the healing process smoother and more comfortable.

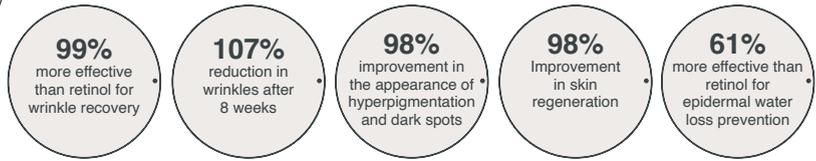
CONCENTRATE



Daily Rejuvenating Formula to Enhance Cellular Renewal

CONCENTRATE is a light, refreshing, hydrating daily moisturizer that supports cellular renewal for visible rejuvenation and youthful radiance. Its lightweight, fragrance-free formula is ideal for daily use and suitable for sensitive skin.

Powered by Hybrosome™ Technology.



Bio-engineered with:

Niacinamide, Amino Acid Complex, Activespheres Vitamin C, Cantella Asiatica, Allantoin and more.

Directions for Use:

Apply on clean skin twice a day. Protect the area from direct sun light exposure and apply SPF moisturizer for extra care. 15ml – 30ml

Key Benefits:

-  Clinically proven to reduce the signs of aging including the visibility of fine lines and wrinkles.
-  Supports the natural synthesis of collagen and aids in maintaining skin elasticity.
-  Normalizes the skin barrier, resulting in fresh, supple, plump, and smooth skin.
-  Provides deep hydration, conditioning, and renewal for an even, vibrant, and glowing complexion.

INTENSIVE TREATMENT



Daily Rejuvenating Formula to Maximize Cellular Renewal

INTENSIVE TREATMENT is a deeply hydrating and nourishing daily moisturizer that supports cellular renewal for enhanced anti-aging benefits. Its lightweight, fragrance-free formula is ideal for daily use and suitable for sensitive skin.

Powered by Hybrosome™ Technology.

Bio-engineered with:

Niacinamide, Ceramid III, Hyaluronic Acid, Gutu Kola and more.

Directions for Use:

Apply on clean skin twice a day. Protect the area from direct sun light exposure and apply SPF moisturizer for extra care. 15ml – 30ml

Key Benefits:



Maximizes anti-aging power to restore youthful skin.



Delivers intense hydration for a radiant, youthful appearance.



Provides active cell messengers for skin regeneration and brightening.



Facilitates smart cell repair to reverse UV-induced photodamage.

SCALP HYBRID EXO



Clinical-Grade Formula for Scalp Health and Hair Growth Restoration

SCALP HYBRID EXO contains 6.95 billion Hybrosome™, designed to support optimal hair growth and strengthen hair. Hybrosome™ resets and reactivates the hair bulb's function, creating an ideal environment for cellular renewal and effective hair restoration.

This advanced treatment works at the cellular level to improve scalp health and promote natural hair growth, providing a comprehensive solution for hair rejuvenation. It can be combined with various devices and procedures that induce controlled scalp inflammation, enhancing its overall effectiveness. Ideal for all genders experiencing thinning hair, hair loss, or seeking non-surgical solutions to enhance hair density.

Bio-engineered with:

Panthenol (Vitamin B5), Methionine, Proline, Tyrosine Biotin and more.

Contents:

Scalp Lyophilized Hybrid Exo 30 mg

Directions for Use:

Thoroughly mix the vial with saline. Apply the mixture. For single use only. STERILE

Key Benefits:



Enhanced Cellular Communication: Enriched with bioactive compounds to boost cellular communication, promoting hair growth and scalp rejuvenation.



Strengthens Hair Follicles: Fortifies the dermal papilla, ensuring stronger and more resilient hair follicles.



Restores Growth Cycle Synchrony: Re-aligns the hair growth cycle to reduce thinning and shedding, promoting fuller and denser hair.



Protects and Renews the Scalp: Shields the scalp from oxidative stress and environmental damage, reducing the effects of aging while creating a healthy environment for sustained hair growth.

GROWTH REVIVE SCALP SERUM



Dual-Action Serum for Enhanced Follicle Function and Natural Hair Restoration

The Day and Night Formulas utilize different exosome sources bio-engineered with clinically proven actives to ensure continuous protection, restoration, and support for hair growth around the clock. The Day Formula strengthens and nourishes hair follicles while protecting them from external factors. Exosomes from umbilical cord blood activate hair follicles, promoting healthy growth throughout the day.

The Night Formula supports hair growth during the body's natural repair phase at night. Exosomes derived from milk and grapes help rejuvenate hair follicles and promote the transition from the anagen to the telogen phase, encouraging healthy hair growth. Lightweight, easy to apply, and absorbs quickly.

Powered by Hybrosome™ Technology.

Bio-engineered with:

Day Serum: Niacinamide, Panthenol, Tocopheryl Acetate and more.

Night Serum: Biotinoyl Tripeptide-1, Panthenol, Apigenin and more.

Directions for Use:

Ensure that the scalp area is clean and dry. Shake well before use and apply with the dropper to the targeted areas of your scalp. Gently massage into your scalp and allow it to absorb for 5 minutes.

Key Benefits:



Reduces hair loss and shedding



Thicker, fuller hair with improved volume



Healthier scalp environment for optimal hair growth



Improves hair texture and shine

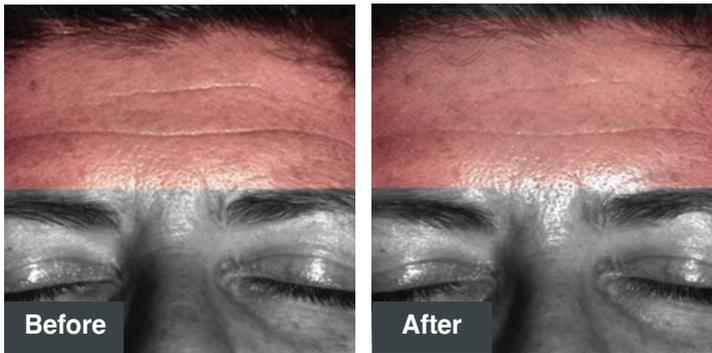
RESULTS



Clinical Study 4 Each volunteer applied CONCENTRATE on the face according to instructions. Dermatological surveillance was included in the study. / Bianos Lab NF.1051.58.10

TREATMENT PROTOCOL

CONCENTRATE is applied daily in the morning and evening



Clinical Study 4 Each volunteer applied CONCENTRATE on the face according to instructions. Dermatological surveillance was included in the study. / Bianos Lab NF.1051.58.10

TREATMENT PROTOCOL

CONCENTRATE is applied daily in the morning and evening



Courtesy of Dr Anna Peca

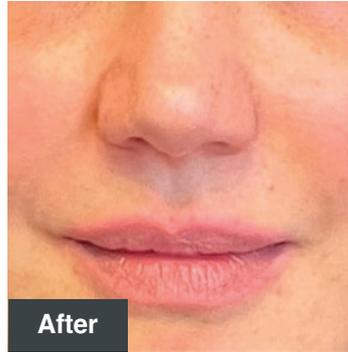
TREATMENT PROTOCOL

4 sessions of RFMN combined with SCALP HYBRID EXO Performed every 2-4 weeks

HOMECARE ROUTINE

GROWTH REVIVE SCALP SERUM

RESULTS



TREATMENT PROTOCOL

3 sessions of RFMN
combined with
DERMAL HYBRID
EXO KIT

HOMECARE ROUTINE

CONCENTRATE applied daily
in the morning
INTENSIVE TREATMENT
applied nightly



Burn Wound
45 years Female

TREATMENT PROTOCOL

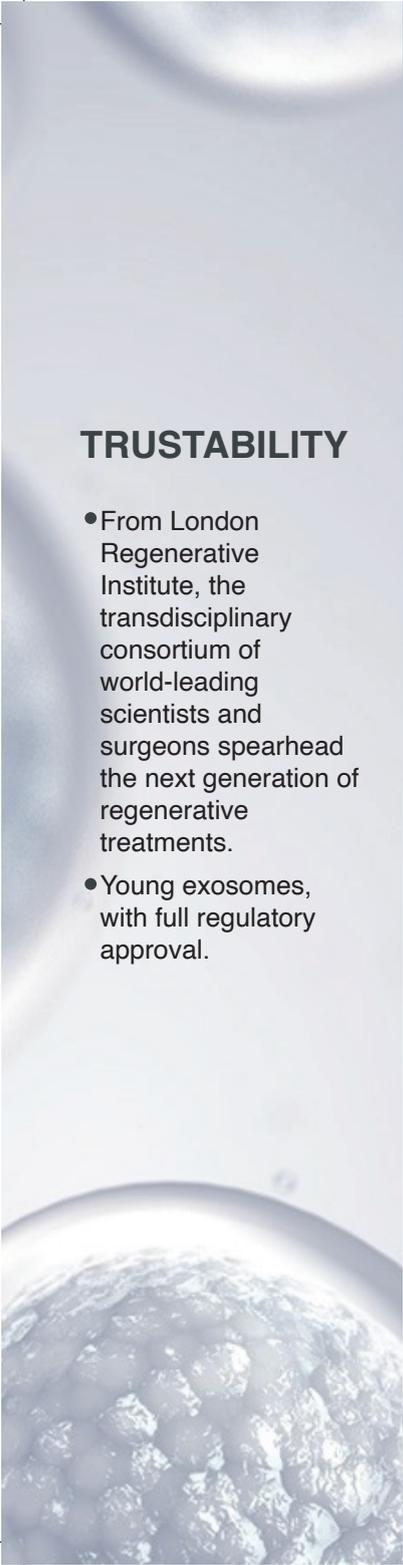
SOS cream was topically
used twice a day.



Burn Wound
53 years Male,

TREATMENT PROTOCOL

SOS cream
was topically used twice a day.

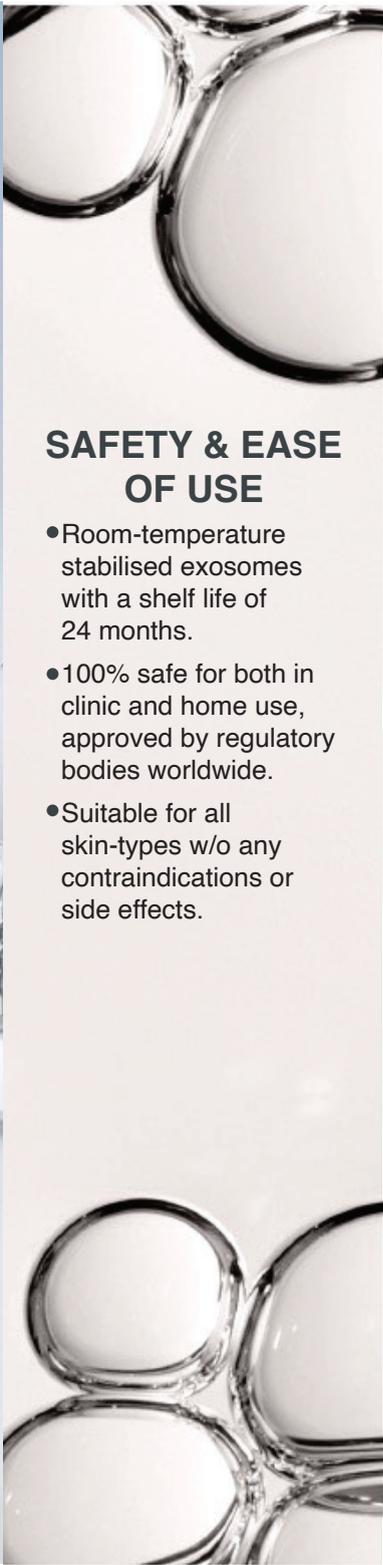


TRUSTABILITY

- From London Regenerative Institute, the transdisciplinary consortium of world-leading scientists and surgeons spearhead the next generation of regenerative treatments.
- Young exosomes, with full regulatory approval.

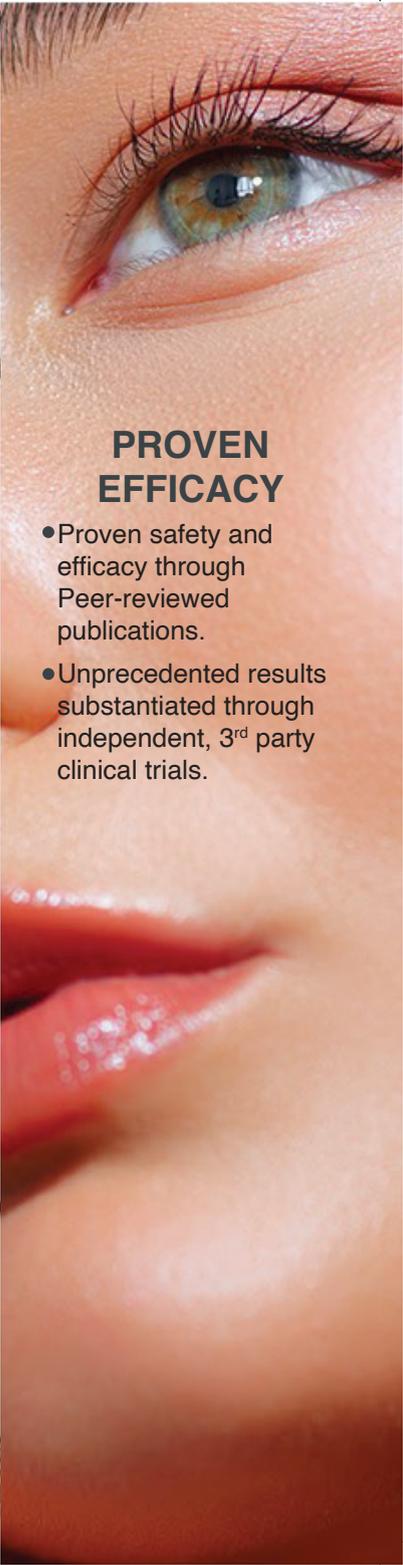
TECHNOLOGY

- Patented Hybrosome™ Technology, integration of young exosomes with liposomes filled with essential nutrients and powerful natural ingredients.
- Worldwide patents filed for MORPHIYA Exomorph Biotech™.



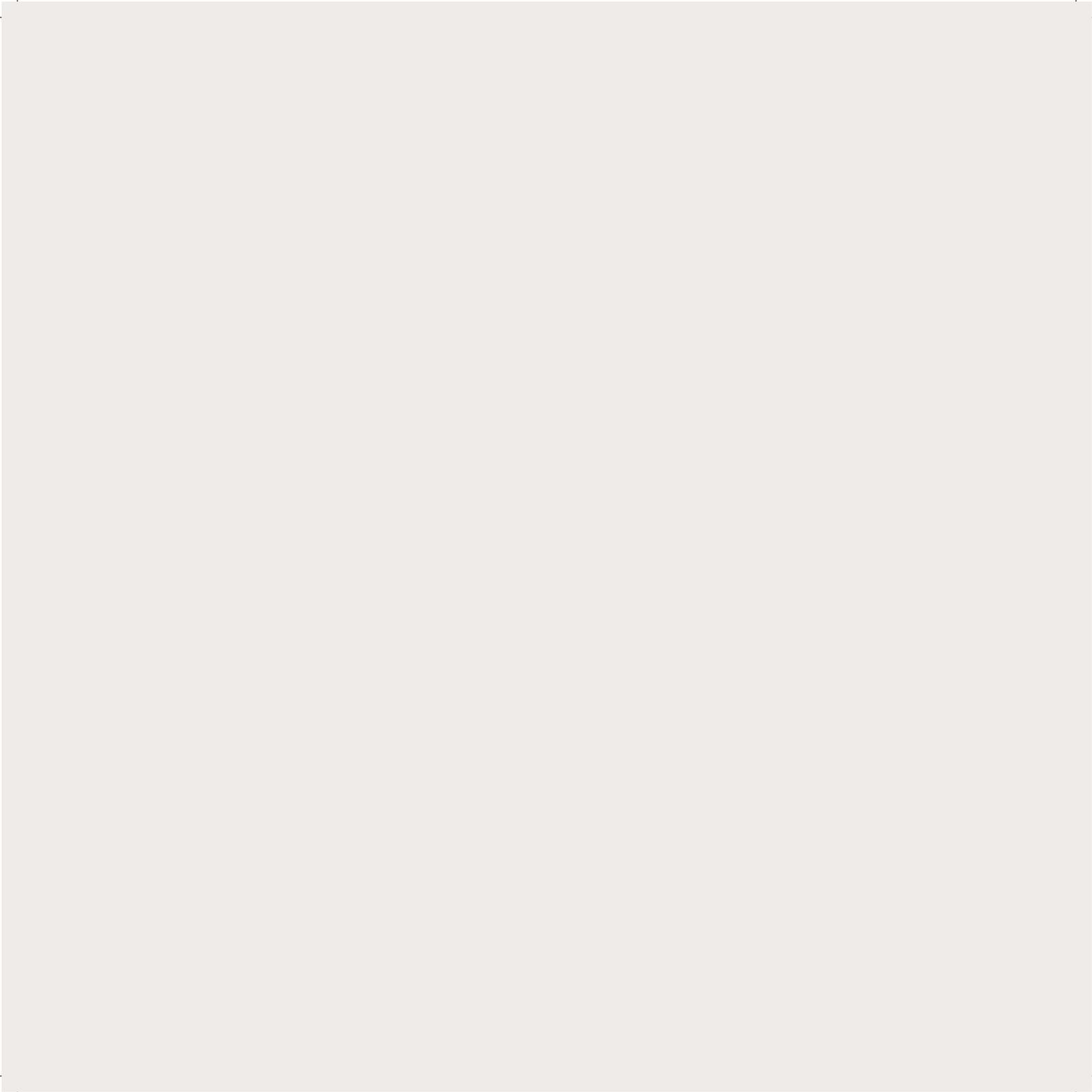
SAFETY & EASE OF USE

- Room-temperature stabilised exosomes with a shelf life of 24 months.
- 100% safe for both in clinic and home use, approved by regulatory bodies worldwide.
- Suitable for all skin-types w/o any contraindications or side effects.



PROVEN EFFICACY

- Proven safety and efficacy through Peer-reviewed publications.
- Unprecedented results substantiated through independent, 3rd party clinical trials.



The logo features the word "MORPHIYA" in a large, white, sans-serif font, centered within a white circle. The circle is set against a dark red square background. A small white dot is positioned to the right of the circle's center.

MORPHIYA

EXOMORPHIC BIOTECH™