



Exosome



GF Complex

BENEV

Progressive Skin Science™

EXOSOME

REGENERATIVE COMPLEX

POWERED by ExoCoBio's Exo-SCRT™

SCIENCE HAS NEVER LOOKED SEXIER

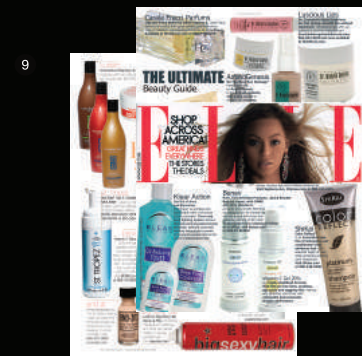
NEXT SMALL THING...NANOPARTICLES OFFERING A NEW FUTURE
THE GENERATION OF REGENERATION IS



BENEV
Progressive Skin Science™



AT BENEV OUR MISSION IS TO INSPIRE A MORE VIBRANT LIFE AND CREATE A MORE BEAUTIFUL WORLD BY PROVIDING PRODUCTS AND SERVICES THAT REVIVE, RESTORE, AND RENEW IN ALL FACETS OF THE HEALTH AND BEAUTY MARKET. AS AN FDA-REGISTERED MANUFACTURER BASED IN CALIFORNIA, WE ARE EXPANDING OUR GLOBAL NETWORK WITH INTEGRITY, CREATIVITY, AND PASSION IN A RELENTLESS PURSUIT TO **BENEFIT EVERYONE.**



10 NEW BEAUTY MAGAZINE

THE DOCTORS

YAHOO! BEAUTY

ELLE

REFINERY29

COSMOPOLITAN

1 NEW BEAUTY (Fall/Winter) 2 NEW BEAUTY (Spring/Summer) 3 NEW BEAUTY (Winter/Spring) 4 NEW BEAUTY (Fall/Winter) 5 NEW BEAUTY (Spring/Summer)

6 NEW BEAUTY (Fall/Winter) 7 COSMOPOLITAN (July) 8 COSMOPOLITAN (December) 9 ELLE (June) 10 FEATURED MEDIA

WELCOME

Dear Skincare Professional,

As you are well aware, the medical esthetics field has changed dramatically over the past decade. While the market has grown explosively, so has the competition. Increasingly well-informed consumers are demanding better results and more minimally invasive options.

Many physicians are seeking a new, passive source of income as well as ways to increase patient satisfaction and retention. BENEV professional skin care products provide solutions to today's medical practices. We develop long-term relationships with skincare professionals and medical spa owners to build businesses through retail sales of results-oriented products, value-added procedures, and effective marketing. Because we understand that proper skincare is best achieved through consultation with skin specialists all over the world.

Our premium products are produced in our FDA-registered facility, located in California, with concentrated, safe, pure ingredients. The highly effective formulas are based on current scientific research, and all BENEV products are hypoallergenic, non-comedogenic, fragrance free, and cruelty free. The retail line includes cleansers, exfoliators, moisturizers, correctors, exosomes, growth factors, and protectors to help patients enhance and maintain treatment results and see healthier, younger-looking skin. Our easy pre and post procedure care can improve procedure results and increase patient compliance. The clinical use only products include exosomes, growth factors, as well as a wide range of flexible, stable peel solutions that put you in complete control of results.

With BENEV, you can count on unsurpassed service. Our expert staff includes industry professionals who have managed medical skin care practices and understand what works and what doesn't. We provide excellent support programs; including product and certified sales education for your staff, customized marketing materials, promotional concepts, advertising, and custom protocols to integrate BENEV products seamlessly into your practice.

Please contact BENEV Sales at 949-457-2222 or Sales@BENEV.com to request your complimentary introductory packet of samples and product information. We look forward to working with you to increase your business success.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ethan Min', with a long, sweeping horizontal line extending to the right.

President/CEO

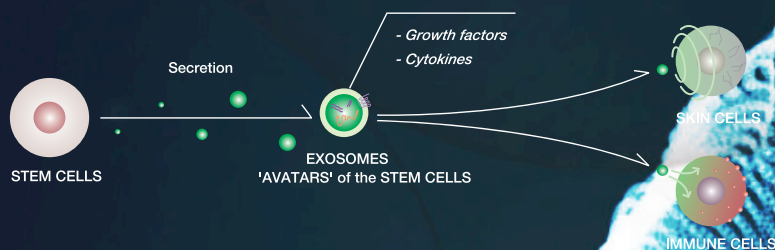
Ethan Min

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SCIENCE AND TECHNOLOGY



WHAT ARE EXOSOMES?

BENEV Exosome treatments are based on the most cutting edge scientific biotech breakthrough for skin rejuvenation and regeneration. Exosomes are responsible for cell to cell communication and for facilitating the exchange of RNA and other important proteins between cells (e.g. fibroblasts, keratinocytes, immune cells etc), in addition to transferring numerous growth factors and cytokines and genetic materials that have shown signs of tissue repair and improving skin cells. These data coding avatars have been harnessed for our new line of exosome products to promote a more radiant youthful appearance.

EXOSOME REGENERATIVE COMPLEX






POWERED by ExoCoBio's Exo-SCRT™

Exosome Regenerative Complex is an intensive dual action complex formulated to absorb quickly into the skin delivering the concentrated power of over **2 BILLION STEM CELL DERIVED LYOPHILIZED EXOSOMES**, potent **GROWTH FACTORS, PEPTIDES, COENZYMES, MINERALS, AMINO ACIDS**, and **VITAMINS**. Our paraben free, steroid free, and hypoallergenic patented technologies and ingredients are clinically proven to rejuvenate and regenerate the skin.

BENEV ✕IRATED EXOSOME FACIAL™

BENEV ✕IRATED EXOSOME FACIAL™ treatments feature BENEV Exosome Regenerative Complex Powered by Exo-SCRT™. Each ✕IRATED EXOSOME FACIAL™ harnesses the power of over **2 BILLION + LYOPHILIZED EXOSOMES**.

CLINICALLY PROVEN TO IMPROVE THE APPEARANCE OF :

-  Fine Lines, Wrinkles, and Age Spots
-  Overall Brightness and Hydration
-  Redness and Skin Irritation
-  Skin Lesions and Scars
-  Texture and Pore Size



99%
Pure
Exosome

180%
Increase in
Fibroblast

300%
Increase in
Elastin

2 BILLION +
LYOPHILIZED EXOSOMES



WHAT IS Exo-SCRT™

Exosome, an 30~200 nm endoplasmic reticulum that is secreted for cell-to-cell communication, plays an important role in influencing the microenvironment around cells. Exo-SCRT™ is an innovative technology to separate and refine 0.1% pure exosomes from stem cell conditioned media. ExoCoBio Inc.'s Exo-SCRT™, has the same effect of stem cells and helps the vitalization of natural skin energy by affecting skin cells effectively.

ADVANCED INGREDIENTS



Hyaluronic Acid 9 Growth Factor Complex Vitamin 6 Peptides
6 Minerals 30 Amino Acids Retinol 4 Coenzymes

LYOPHILIZED EXOSOME | 20 MG

GROWTH FACTORS

sh-Oligopeptide-1
sh-Oligopeptide-2
sh-Polypeptide-1
sh-Polypeptide-3
sh-Polypeptide-22

PEPTIDES

Acetyl Hexapeptide-8
Copper Tripeptide-1
Nonapeptide-1
Palmitoyl Pentapeptide-4
Palmitoyl Tetrapeptide-7
Palmitoyl Tripeptide-1

COENZYMES

Thiamine Diphosphate
Coenzyme A
Disodium Flavine Adenine
Dinucleotide (FAD)
Nicotinamide Adenine
Dinucleotide (NAD)

Exosome therapy is the latest treatment that is impressing doctors – many argue that exosomes may be more important than stem cells due to their unique ability to function as a “messenger” within the body, transferring information from cell to cell. Enhancing stem cell therapy with added exosomes is considered superior and optimal therapy.



DILUENT | 5 ML

HA

Sodium Hyaluronat

GROWTH FACTORS

sh-Decapeptide-7
sh-Octapeptide-4
sh-Oligopeptide-9
sh-Pentapeptide-5

AMINO ACIDS

Lysine HCL Valine
Phenylalanine Alanine
Proline Arginine
Serine Histidine
Threonine Isoleucine
Leucine

MINERALS

Disodium Phosphate
Potassium Chloride
Sodium Chloride
Sodium Phosphate

Growth factors play a pivotal role in maintaining firmness and elasticity in your skin. Daily use of skin care products containing growth factors is known to help reduce the appearance of fine lines, wrinkles and improve skin tone and texture.

Lyophilized EXOSOME

Skin Rejuvenation | Calming

+

Hyaluronic Acid

Hydration

+

Growth Factors Complex

Skin Rejuvenation | Skin Elasticity | Firmness

+

Neuropeptide Complex

Calming | Brightness | Skin Rejuvenation

+

Retinol

Anti-Wrinkle

+

Ascorbic Acid (Vitamin C)

Anti-Oxidant | Skin Brightening

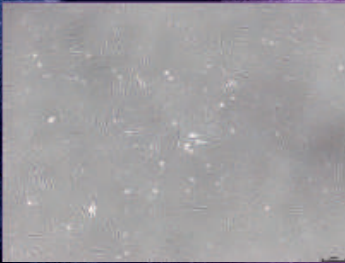
IN VITRO TESTING

HUMAN FIBROBLAST CELL PROLIFERATION

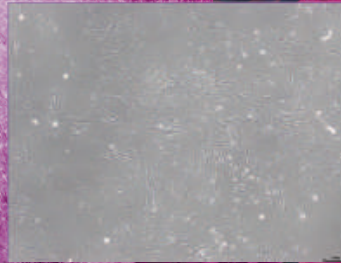
Exosome Regenerative Complex powered by Exo-SCRT™ promotes skin cell proliferation by up to 80% in a dose-dependent manner.

Exosome Regenerative Complex powered by Exo-SCRT™ 3 µg/ml 36.1% increase, Exosome Regenerative Complex powered by Exo-SCRT™ 6 µg/ml 84.0% increase, compared against positive control (1% GS).

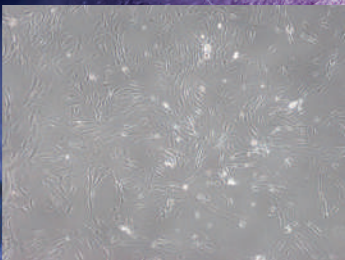
NEGATIVE CONTROL



1% GROWTH SUPPLEMENTS



1% GS + ERC 3 µG/ML

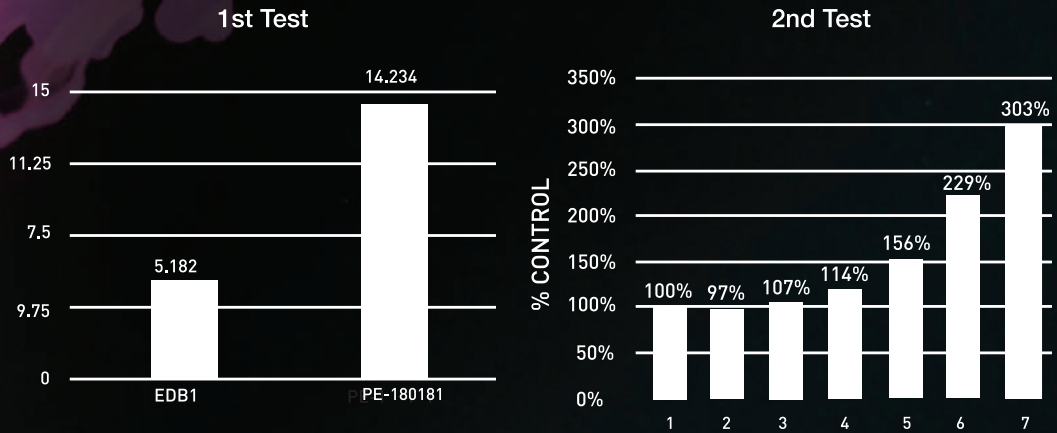


1% GS + ERC 6 µG/ML



ELASTIN INCREASE BY EXO-SCRT™

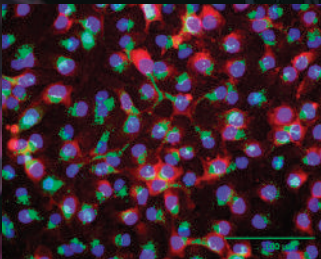
Exosome Regenerative Complex powered by Exo-SCRT™ may increase the elastin amount of human dermal fibroblasts up to 300% in vitro.



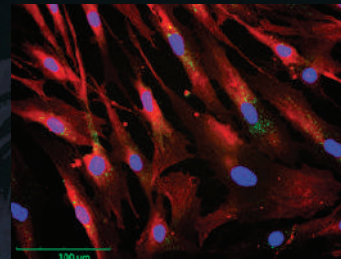
CELLULAR UPTAKE OF EXOSOMES

Human skin cells easily uptake BENEV Exosome Regenerative Complex™ powered by Exo-SCRT™ which means that stem cell-derived exosomes can message skin cells to “Do Something”.

HACAT HUMAN KERATINOCYTES



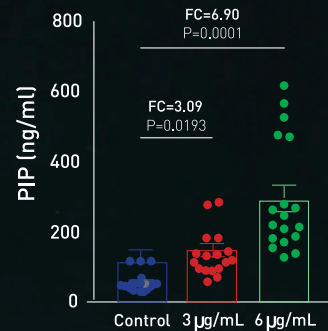
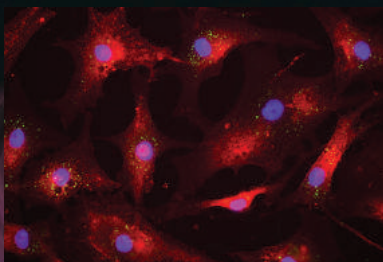
HDF HUMAN DERMAL FIBROBLAST



COLLAGEN INCREASE BY EXO-SCRT™

After delivery of BENEV Exosome Regenerative Complex™ powered by Exo-SCRT™ into fibroblasts, neocollagenesis can increase up to 6 folds.

CELLULAR UPTAKE OF EXOSOMES
HUMAN DERMAL FIBROBLAST



IN VIVO TESTING

Exosomes are nano-sized vesicles (30–200 nm) constantly released by almost all cells. The ability of exosomes to travel between cells and deliver their cargo, which includes lipids, proteins, and nucleic acids, makes them an appealing cell-free therapy option to treat multiple diseases. Here, we investigated for the first time whether human adipose tissue-derived mesenchymal stem cell-derived exosomes (ERC-exosomes) can ameliorate atopic dermatitis (AD) in an in vivo mouse model. When injected either intravenously (IV) or subcutaneously (SC) into NC/Nga mice treated with house dust mite antigens, ERC-exosomes were found to reduce pathological symptoms such as clinical score, the levels of serum IgE, the number of eosinophils in blood, and the infiltration of mast cells, CD86+, and CD206+ cells in skin lesions. ERC-exosomes also significantly reduced mRNA expression of various inflammatory cytokines such as interleukin (IL)-4, IL-23, IL-31, and tumor necrosis factor (TNF-) in AD skin lesions of Nc/Nga mice. Taken together, these results suggest that ERC-exosomes can be a novel promising cell-free therapeutic modality for AD treatment. (Byong Seung Cho, Jin Ock Kim, Dae Hyun Ha and Yong Weon - Stem Cell Research Therapy, BioMedCentral.com)

Cho et al. *Stem Cell Research & Therapy* (2018) 9:187
<https://doi.org/10.1186/s13287-018-0939-5>

Stem Cell Research & Therapy

LETTER

Open Access



Exosomes derived from human adipose tissue-derived mesenchymal stem cells alleviate atopic dermatitis

Byong Seung Cho, Jin Ock Kim, Dae Hyun Ha and Yong Weon Yi

Abstract

Exosomes are nano-sized vesicles (30–200 nm) constantly released by almost all cells. The ability of exosomes to travel between cells and deliver their cargo, which includes lipids, proteins, and nucleic acids, makes them an appealing cell-free therapy option to treat multiple diseases. Here, we investigated for the first time whether human adipose tissue-derived mesenchymal stem cell-derived exosomes (ASC-exosomes) can ameliorate atopic dermatitis (AD) in an in vivo mouse model. When injected either intravenously (IV) or subcutaneously (SC) into NC/Nga mice treated with house dust mite antigens, ASC-exosomes were found to reduce pathological symptoms such as clinical score, the levels of serum IgE, the number of eosinophils in blood, and the infiltration of mast cells, CD86+, and CD206+ cells in skin lesions. ASC-exosomes also significantly reduced mRNA expression of various inflammatory cytokines such as interleukin (IL)-4, IL-23, IL-31, and tumor necrosis factor- α (TNF- α) in AD skin lesions of Nc/Nga mice. Taken together, these results suggest that ASC-exosomes can be a novel promising cell-free therapeutic modality for AD treatment.

Keywords: Exosome, Adipose tissue-derived mesenchymal stem cells, Atopic dermatitis, Inflammation



Scan the QR code to learn more about
EXOSOME Regenerative Complex powered
by Exo-SCRT™ clinical trials.



BEFORE & AFTER



AGING SKIN

FIRM SKIN

FOR AGING SKIN

96.4% of patients noticed a decrease in fine lines, wrinkles and age spots after just 5 treatments, and 89.6% of patients showed results after just the 3rd treatment.

Age: 57 | Fitzpatrick 2 | Modality: (GF-EX)[®] Post RF Needling



DULL
& DEHYDRATED SKIN

RADIANT
HYDRATED SKIN

FOR DULL DEHYDRATED SKIN

98.1% of patients stated their their overall complexion appeared to be brighter and more hydrated after just 5 treatments, and 94.7% of patients showed results after just the 3rd treatment.

Age: 49 | Fitzpatrick 3 | Modality: (GF-EX)[®] Post Micro Needling



SENSITIVE SKIN

CALM SKIN

FOR SENSITIVE SKIN

87.3% of patients reported a reduction in redness and skin irritation after just 3 treatments, and 82.4% of patients stated their skin felt and looked calmer after the 2nd treatment.

Age: 53 | Fitzpatrick 3 | Modality: (GF-EX)[®] Post Micro Needling



PROBLEM SKIN

CLEAR SKIN

FOR PROBLEMATIC SKIN

91.7% of patients reported a reduction in lesion and scars after just 3 treatments, and 88.2% of patients showed results after just the 2nd treatment.

Age: 28 | Fitzpatrick 2 | Modality: (GF-EX)[®] Post Chemical Peel



UNEVEN TEXTURE
& ENLARGED PORES

SMOOTH SKIN
MINIMIZED PORES

FOR UNEVEN TEXTURE & ENLARGED PORES

92.6% of patients reported the texture of their skin improved, including the size of their pores after just 3 treatments, and 90.9% of patients showed results after just the 2nd treatment.

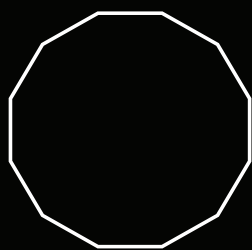
Age: 36 | Fitzpatrick 3 | Modality: (GF-EX)[®] Post Non Invasive Laser

Patient trial photos (Mei Vu[™]) were taken before and after a 3 - 5 **IRATED** treatment Clinical Study featuring BENEV Exosome Regenerative Complex POWERED by Exo-SCRT[™].

Participants experienced no irritation, and all patients reported that they felt and saw a noticeable and immediate difference in the overall appearance of their skin after just the 1st treatment, with full results after the 3rd-5th treatment.

To learn more about the double blind study conducted by BENEV Company Inc.

Please email Sales@BENEV.com.



BENEV
Progressive Skin Science™