

AnteAGE

Growth Factor and Cytokine
Regenerative Treatments





“It is our mission to deliver the power of regenerative skincare to the world, in partnerships with the best doctors, for a healthy and beautiful future.”

Founding Doctors



Dr. John Sanderson, MD CEO & Chief Scientist

Dr. John Sanderson is a physician-scientist whose work focuses on anti-aging and regenerative medicine. Previously as a practicing clinician, then a Medical Director at Johnson & Johnson, and now as Chief Scientist and CEO of Cellese Regenerative Therapeutics, Dr. John is driven by intense curiosity and a desire to "surf the leading edge" of scientific inquiry.

Dr. Sanderson describes himself as a translational scientist with a passion for speed in moving from scientific concept to finished product improving people's quality-of-life. Dr. John's work in the past 7 years has been primarily the exploration of Stem Cells, Growth Factors, Cytokines, and other biosignal molecules applied to dermatology, medical aesthetics, and anti-aging.



Dr. George Taylor, MD Medical Director

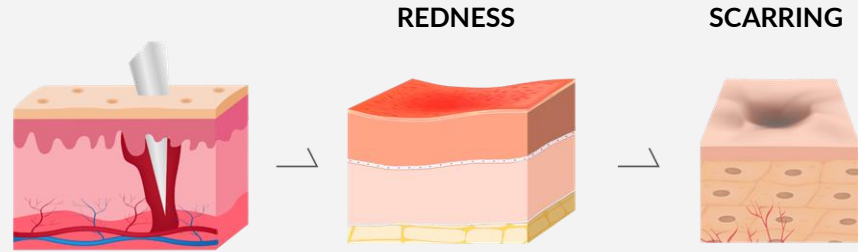
Dr. George Taylor is a former venture capitalist overseeing biotech and pharma startups. He is experienced in managing clinical trials and building trial experience into effective treatments.

Inflammation and Aging

Pro Aging in All Tissues

ACUTE INFLAMMATION

Short-term immune response that is a result of infection, injury, trauma, wounding (i.e. cosmetic treatments)



CHRONIC INFLAMMATION

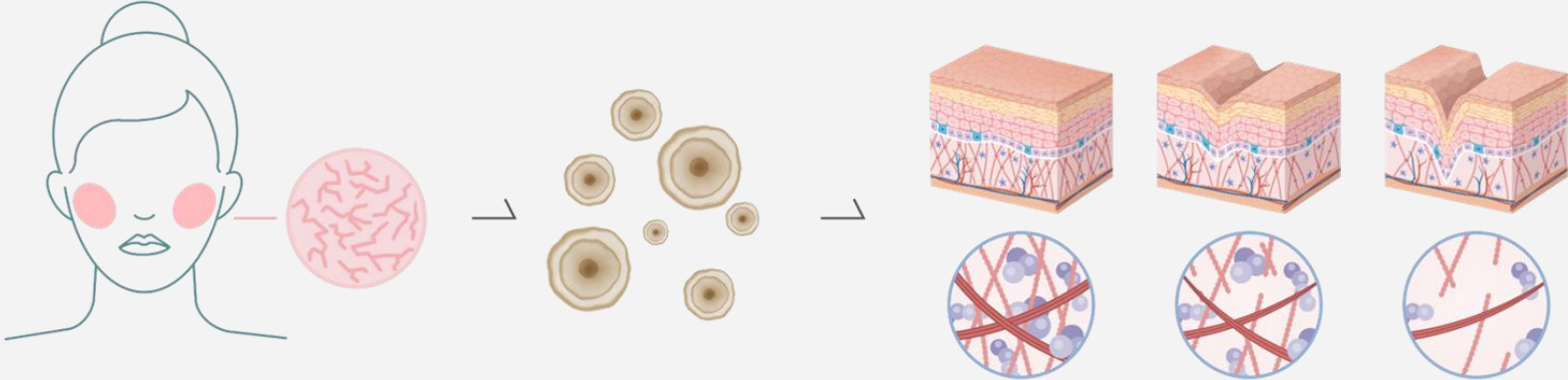
Long-term and ongoing

Associated with visible signs of aging

Can present in redness, pigment changes, wrinkles and scarring (i.e. inflammaging)



Inflammaging

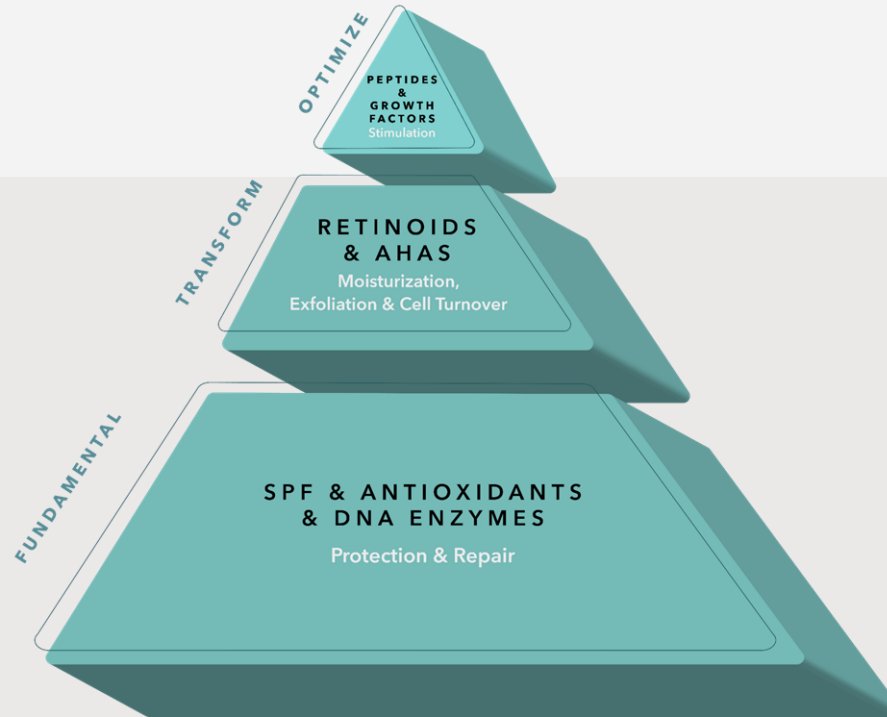


Inflammation

**Depletion of
Stem Cells**

**Degraded growth of Collagen, Elastin,
Fibroblasts, Structural Fibers
leading to wrinkles**

Skin Health Pyramid



Stem Cell Sources



Plant

Communicate a different language, have more of an antioxidant effect



Adipose

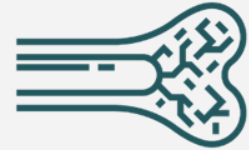
Highly inflammatory, not medically monitored



Neonatal

Inferior cell source, inflammatory

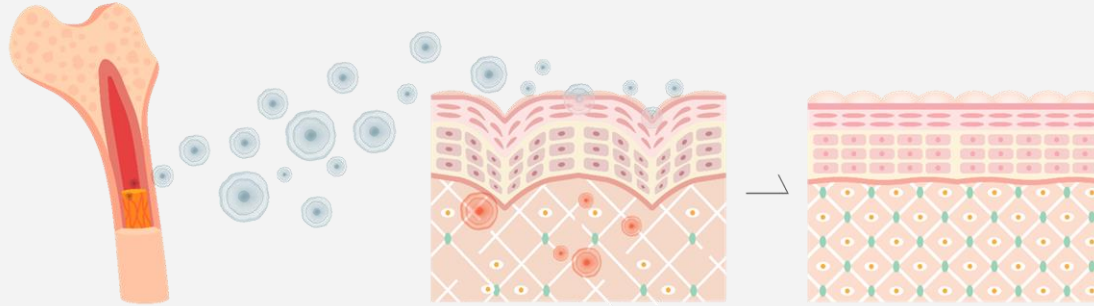
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Mesenchymal Bone Marrow

Non-inflammatory, medically monitored, dense and effective

Bone Marrow Mesenchymal Stem Cells = Regenerative



The only mobile stem cell in the entire body

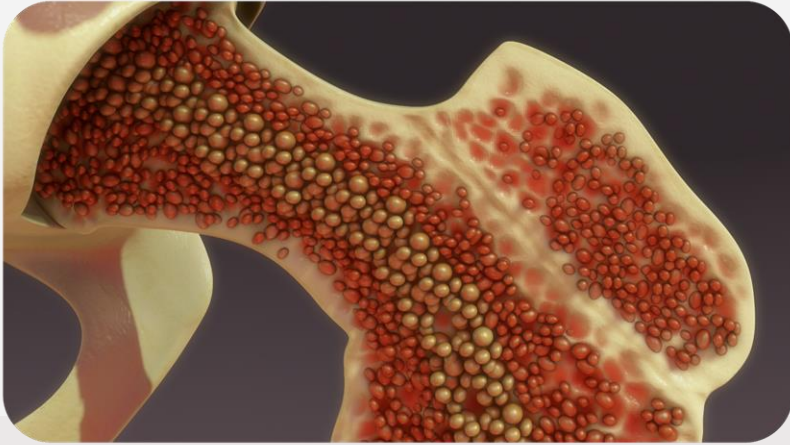
Master regulators of biological function

Gives off growth factors and cytokines which coordinate repair

Powerfully anti-inflammatory

Naturally pro-healing

AnteAGE Bone Marrow Stem GF and Cytokines



Mesenchymal bone marrow stem cells sourced from government regulated donor banks

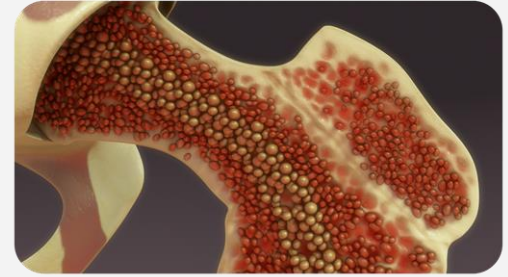
Growth Factors and Cytokines are filtered from the stem cells to create conditioned media

Conditioned media is delivered via nano lipid carriers

No DNA
or Stem Cells in
Final Product



AnteAGE Bone Marrow Stem GF and Cytokines



**Biologically
Active**



**Induce Healthy
Collagen Synthesis**



**Naturally
Anti-Inflammatory**



Pro-healing



**Conduct Effectiveness of other
skincare agents such as:
Antioxidants
Peptides
Retinoids**

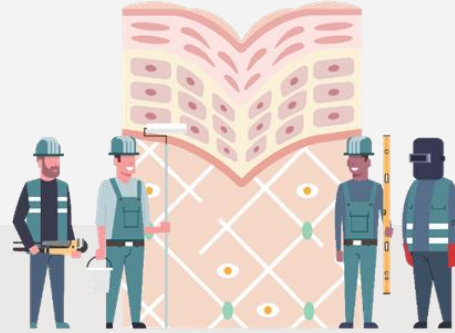


**Reverts
Skin Aging**

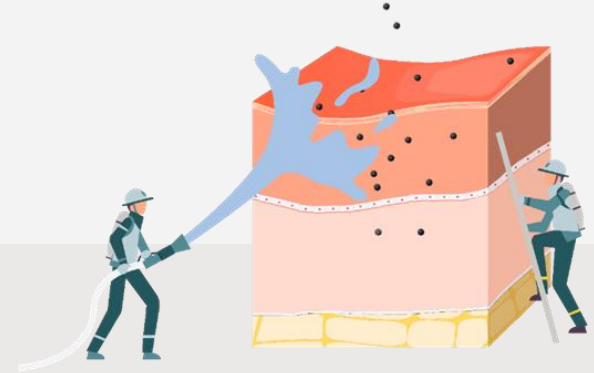
AnteAGE Bone Marrow Stem GF and Cytokines



**Conductors of the
Symphony of
Healing**



**Workers in
Tissue Repair
And Reconstruction**



**Firefighters in
Quenching
Inflammation**

Product Portfolio



Regenerative
Skin



Regenerative
Hair



Vaginal
Rejuvenation

Regenerative Skin Treatments

ANTEAGE MD GROWTH FACTOR SOLUTION



**2 Treatments 30 Days Apart
(No Homecare)**

INGREDIENTS

Growth Factors + Cytokines
HMW Hyaluronic Acid
TGFb3

FEATURES

Used with ablative and non-ablative Procedures including Microneedling,
Laser and RF

BENEFITS

Elevated Treatment Results

HIGHLY ANTI-INFLAMMATORY

Reduces redness post treatment for a better recovery

SIMPLE APPLICATION

Roller ball on or draw into syringe and massage onto treated area

Regenerative Skin Treatments

ANTEAGE MD SERUM AND ACCELERATOR (HOMECARE)



SERUM INGREDIENTS

Bone Marrow Stem Growth Factors and Cytokines; Anti-Aging Peptides (Palmitoyl Oligopeptide and Palmitoyl Tetrapeptide-7); Niacinamide; TGFb-3, IGF-1,IL-10

ACCELERATOR INGREDIENTS

Lipid soluble ingredients to include: Human Beta Defensin 3; Anti Oxidants (Superfruits;Vitamin E,B-5 and lipid soluble Vitamin C; CoQ10); Bakuchiol (retinol alternative)

FEATURES

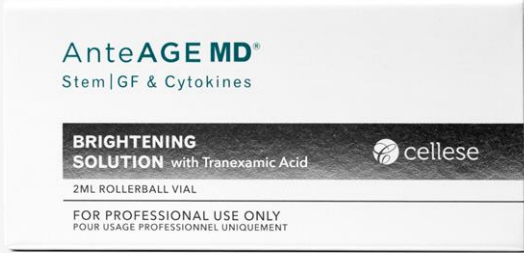
Two-Step all-in-one universal system
Pre and Post Ablative/Non-Ablative Treatment
Anti-Inflammatory
Antioxidants
Collagen Stimulation
Melanin Regeneration

BENEFITS

Cost Effective and Ensures Patient Compliance
Better Results and Quicker Recovery
Even Tone, Color, Texture
Healthy glow
Lifting Effect
Brightening

Regenerative Skin Treatments

ANTEAGE MD BRIGHTENING SOLUTION



INGREDIENTS

- Tranexamic Acid
- Anti-Pigment Peptides (tetrapeptide-30 and nonapeptide-1)
- Growth Factors + Cytokines
- HMW Hyaluronic Acid

FEATURES

Used with ablative and non-ablative procedures including Microneedling, Laser and RF

Therapeutic Level of Tranexamic Acid-8.5%

BENEFITS

Elevated treatment results

- Tyrosinase inhibition
- Reduction in Prostaglandin E2 Production
- UV-induced pigment inhibitor



6 Brightening Microneedling Treatments
4 Weeks Apart

6 Months of System
3 Months of Daily Brightener

Regenerative Skin Treatments

ANTEAGE MD BRIGHTENER (HOMECARE)



4 Brightening Microneedling Sessions

Daily Use of MD System & Brightener.

4 Months Time



INGREDIENTS

Tranexamic Acid; Anti-Pigment Peptides; TGF-b3; Niacinamide; Lipid-Soluble Vitamin C; Enhanced Actives to target pigment (Vitamin F, Licorice Extract, Phytic Acid, Alpha Arbutin, Turmeric)

FEATURES

Non-HQ, Non-Retinol

Targets 7 of the 8 macro pathways for melanin production

BENEFITS

→ No photosensitivity, no offcycling, no aggressive rebound

→ Safe with pregnancy and breast feeding
Comprehensive treatment when paired with SPF

Regenerative Healing

BIOGEL

Next Generation Post Ablative and
Sublative Procedure Occlusive



CHEMICAL BURN ON YOUNG WOMAN

DAY 1

DAY 3



Regenerative Healing

BIOGEL

Next Generation Post Ablative and
Sublative Procedure Occlusive

**Oleogel Technology: A new class of occlusive
which can effectively feed lipids to the skin for healing**

Plant-Based Oils: Safflower and Pomegranate

Ceramides/Fatty Acids/Cholesterol

Eldeberry Fruit Extract

Sunflower-derived Vitamin E

Bisabolol (Anti-Inflammatory)

Beta Defensin-3 (Antibacterial Peptide)

TGFb-3 (Master regulator which accelerates wound healing)



Skincare Support Products



**STEM CELL
AFTERCARE KIT**



CLEANSER



REGENZYME



HYALURONIC ACID

Clinical Results



Six Weeks
AnteAGE System (Serum and Accelerator)



Six Weeks
AnteAGE System (Serum and Accelerator)



Two Months
AnteAGE Brightener



Four Days
AnteAGE MD System, Cleanser + Home
Microneedling System

Practice Results



One Brightening Microneedling Session



One Brightening Microneedling Session + CO2

RF + AnteAGE

Biogel Applied Daily



DAY ONE



DAY TWO



DAY THREE



DAY FOUR



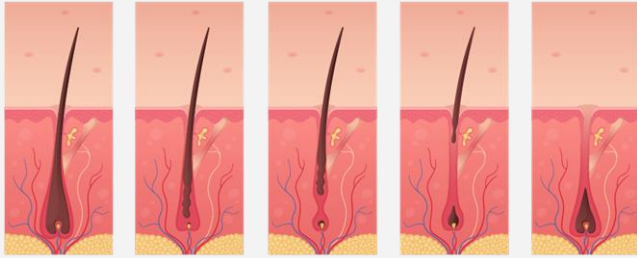
DAY FIVE



AnteAGE MD Hair Regeneration

Androgenic Alopecia (AGA)

Hormonal disruption of a growth factor process: loss of blood flow, nutrition and growth factor activity (follicles die and no longer grow)



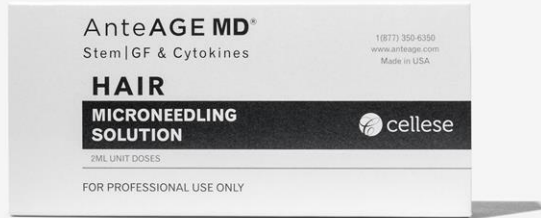
WNT Pathway

Well known of all cell biology, WNT Pathway regulates the growth and development of hair follicles. AnteAGE Hair has harnessed WNT Pathway Signaling GFs, extracting them to create a proprietary blend which encourages hair follicle morphogenesis



AnteAGE MD Hair Regeneration Microneedling Solution

Bringing the Best Chance of Success to a Topical
Treatment



**AnteAGE Bone Marrow Growth Factors with
Additional Proteins for Hair Growth - Conditioned
Media Primed with WNT Pathway Signaling
Growth Factors**

**12 Recombinant Growth Factors Specific to
Hair Follicle Regeneration**

mRNA's- Stimulate Good Biosignals for Hair Growth

**Integrate Hair Solution into your PRP treatments by
applying at the end of procedure or by alternating
microneedling with PRP.**

Treatment	PRP	AnteAGE MD Hair
Growth Factors	Yes	Yes
Hair Growth Specific Growth Factors	No	Yes
WNT Primed Growth Factors	No	Yes
Anti-Inflammatory TGFB3	No	Yes
In Practice Treatment	Yes	Yes
Topical Home Application	No	Yes
Increased Vascularity	Yes	Yes
Modulates Follicle DHT Activity	No	Yes

AnteAGE MD Home Hair Kit



Modified Version of the Professional Treatment

20 Botanicals which Address Hair Regeneration

Applied With a .25 Microneedling Stamp to Amplify Signaling

Highly Concentrated

Works Synergistically with AnteAGE In Office Treatment and PRP

Clinical Results

AFTER EIGHT WEEKS:



Products Used:



HAIR MICRONEEDLING



HAIR SYSTEM

AFTER EIGHT WEEKS:



Products Used:



HAIR MICRONEEDLING



HAIR SYSTEM

AFTER EIGHT WEEKS:



Products Used:



HAIR MICRONEEDLING



HAIR SYSTEM

AFTER EIGHT WEEKS:



Products Used:



HAIR MICRONEEDLING



HAIR SYSTEM

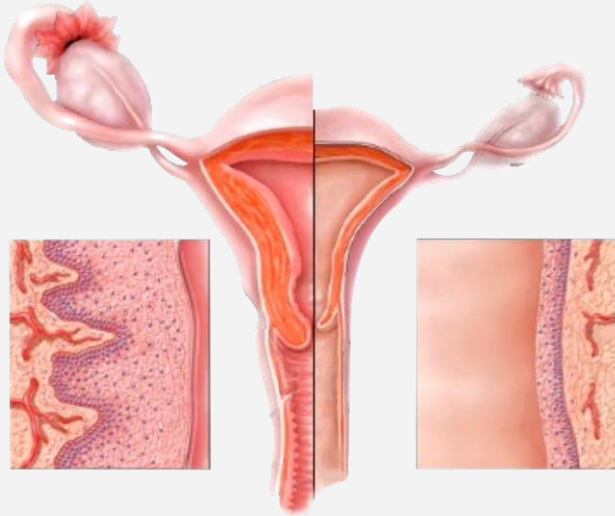
Vaginal Rejuvenation



Vaginal Atrophy: Peri and Post-Menopausal Women

Healthy Vagina

Vaginal Atrophy



**Physiological Changes
Due to Estrogen Deficiency
And Thinning Vaginal Wall**

Dryness
Burning
Irritation
Lack of Lubrication
Painful Intercourse

AnteAGE Vaginal Rejuvenation System (VRS)



**Treatment Without Hormones
or their Side Effects**

Ingredients

Bone Marrow Stem GF and Cytokines
Keratinocyte GF 1 and 2 (mucosa benefits)
VEGF (stimulates blood vessels)
HA (aides in hydration)

**Use with Procedures or
as a Stand-Alone Treatment**

AnteAGE MD®
Growth Factors & Cytokines