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DNA REPAIR BREAKTHROUGH AND STEM CELL DERIVED GROWTH FACTORS SUBSTANTIALY IMPROVE SKIN HEALTH

It is known that the skin's aging process can be slowed by protecting DNA from environmental damage. But what if that aging process could actually be reversed by repairing damaged DNA? The premise that true skin healing starts at the cellular level drives ground-breaking product development at **Osmosis Skincare™** (Evergreen, CO), including the introduction of two revolutionary serums: **Catalyst** and **StemFactor**.

The patented new technology in **Catalyst**, with **SRGF-7™** (Skin Repair Growth Factor), uses "zinc fingers" to repair cellular DNA. The result is a remarkable impact on several aspects of skin health including: sun damage repair, fading age spots, scar prevention/correction, repair of "broken" facial capillaries, and reversing other signs of aging.

Equally important to the skincare market is **StemFactor Liposomal Growth Factor Serum**. With its patent-pending formula, StemFactor uses over 150 liposome-coated growth factors harvested from adult stem cells to substantially improve the growth factors' penetration to the dermis, by as much as 600 percent, promoting healing and reversing the aging process.

How Zinc Fingers Work to Prevent and Repair Damage

Simply put, zinc fingers are a group of peptides (over 1000 identified in research) that are very active in our cells. They facilitate DNA repair by providing the missing components needed to turn on natural DNA repair functions. The combination of powerful amino acids and peptides in **Catalyst** creates specific zinc



Before



After

fingers which go to work remodeling and repairing cell damage.

After three years of human testing, fine lines and wrinkles are shown to improve dramatically on this product, according to Ben Johnson, M.D., of Evergreen, CO, who founded Osmosis in 2007. A large independent study found **Catalyst** improved wrinkles by 38 percent in eight weeks. "And we expect the results to continue and substantially exceed 38 percent over 12 months," adds Dr. Johnson. "The beauty of these zinc fingers is that they are working on so many different aspects of skin health."

"With **Catalyst** and **StemFactor**, they're actually getting down into cell repair," says Medical Esthetician Eve Matheson, who works with her husband, Dr. Ian Matheson, a board certified plastic surgeon in Tampa, Florida. "When you have products that do this – everything else is obsolete."

Matheson adds: "We have seen excellent results with hyperpigmentation and rosacea over the past year, in addition to fairly quick

improvement in fine lines. For the face, neck and chest, religious use of **Catalyst** has been very effective when combined with a liposomal serum like **StemFactor** for delivery and absorption.”

Several case reports support that the **Catalyst** formula can reverse aging by approximately 20 percent (in years) after 12-24 months, according to Osmosis. In other words, age 40 looks 32, age 60 looks 48, and 80 looks 64.

Nancy Chen, M.D. is an ophthalmologist who recently expanded Kapolei Eye Care (Kapolei, Hawaii) to include skin care for the eye area. She reports significant improvement in skin texture and pigmentation with **Catalyst**. “We have seen some real improvement in discoloration that occurs in the condition vitiligo,” she said. “I was most impressed with the fact that there was repigmentation of areas, within a few weeks of use.”

Melasma can also be dramatically improved due to SRGF-7’s cellular correction abilities. What is clear, reports Dr. Johnson, is that the pigment correction from SRGF-7 is far better than hydroquinone or other lighteners for classic age spots. And it appears to be the first treatment for melasma that does not involve tyrosinase inhibition.

Medical esthetician Marianne Kehoe is proprietor of Face to Face (Los Angeles, CA), a clinical facial studio that treats sun-damaged, aging and scarred skin, including for a host of celebrities on both coasts. She has worked with thousands of clients and numerous products for more than

30 years. “Between **Catalyst** and **StemFactor**, the results I’m seeing in my practice are phenomenal, repeatedly,” according to Kehoe, “including with post-operative scars and people who have been exposed to the California sun for years.”

While preliminary, Dr. Johnson also reports the repair of some pre-cancerous and cancerous lesions with **Catalyst**. “Obviously, this would be a remarkable feat,” he says of the potential to successfully treat such conditions. “We have several cases of actinic keratosis being improved within weeks of beginning treatment with **Catalyst**.”

Growth Factor Effectiveness Dramatically Increased with StemFactor

Our skin slowly runs out of reparative stimulating growth factors as we age. Revolutionary advancements in science allow Osmosis to collect select growth factors from adult stem cells to create the **StemFactor** formula. The result is a transformational serum that makes it possible to benefit from the active role these growth factors play in promoting healing and reversing the aging process. By liposome-coating these growth factors and cytokines, **StemFactor** dramatically increases their penetration to the follicles, for substantial improvements in elasticity and moisture.

“There are a few brands that offer growth factors from human cells like fibroblasts,” according to Dr. Johnson, “but the ability to deliver over 150 growth factors and cytokines to the dermis with 600 percent better penetration is a game changer.”



StemFactor and Catalyst Plus

The result, according to Dr. Johnson, is that **StemFactor** enhances the repair of damaged cells and encourages the formation of new cells to make collagen and elastin, with reported benefits for pigmentation, wrinkles and overall skin health, including wound healing.

Osmosis uses only all-natural ingredients that do not add inflammation to the skin. Focused on maximizing the skin’s immune function, these ingredients promote barrier repair, so skin has less inflammation between medical procedures. Osmosis keeps skin activity at a high level and maintains healthy circulation for optimal healing.

Osmosis MD products are physician only and are also available for private label.

For more information about Osmosis Skincare Products please call 303-674-7660; visit our website at www.osmosisskincare.com or speak to a representative at the AAD conference, Booth #4012.