

## **Cellgenics: Spa of the Future**

By [Oz Garcia](#)

As the interest in the art of living and looking well expands beyond the current frontiers of today's spas, the appetite—the demand—for more advanced and sophisticated ways of optimizing and enhancing health and appearance are pushing the market for innovative spas and treatments.

For well over five decades, the tradition of using stem cell extracts from animal sources such as lambs has become a leading form of medicine throughout Europe, specifically in Switzerland and Germany, to reverse aging and undo the damage of degenerative health conditions. Brands such as La Prairie have proved successfully that cellular therapy can reverse and retard numerous aging processes.

Cellgenics has now gone one step further into the future and brought actual human stem cell extracts to market in a safe and highly controlled product through its clinical division. The groundbreaking spa, located in the midst of forested tropical gardens in exclusive Barbados, offers a multitude of advanced anti-aging treatments and protocols centered around the new and emerging science of human stem cell extract treatments (HSCET). Determined to offer clients much more than

massages and facials, the international and distinguished group of physicians, researchers and scientists have developed an overall spa concept that combines medical services and cutting-edge beautification treatments and lifestyle programs in a beautiful, luxurious Caribbean resort.

### **HSCET**

Human stem cell extract treatments contain bio-active substances that counteract and reverse age associated damage. Stem cells are so-called master cells that can develop into various tissues and organs in the body. For example, skin stem cells occur in the basal layer of the epidermis and at the base of hair follicles. The epidermal stem cells give rise to keratinocytes, which migrate to the surface of the skin and form a protective layer. The follicular stem cells can give rise to both the hair follicle to the hair follicle and to the epidermis. The stem cell extracts used will begin a process of rebuilding, regeneration and renewal.

Stem cells are essentially blank cells that when injected as part of a treatment program can be turned into specialized cells that will support the function of any kind of tissue in the body. The source of Cellgenics stem cells is primarily umbilical cord blood. This material has been harvested, processed and evaluated for safety. Cellgenics is

the only clinical spa in the west approved to practice this medical technology, having full approval and licensing by the ministry of health of Barbados.

Stem cells have two important characteristics that distinguish them from other types of cells. First, they are unspecialized cells that renew themselves for long periods of time through cell division. The second is that under certain conditions they can be induced to become cells with specific functions such as the beating cells of the heart muscle or the insulin-producing cells of the pancreas. Hence, the body can begin to rebuild back to its optimum capacity at any age. This treatment is the basis of Cellgenics.

With increasing age, the body faces a constellation of system failures that now can be managed successfully. In many ways, the characteristic signs of aging can be erased and age-associated changes in many biological arenas such as the serious diseases that occur due to imbalances within our immune and endocrinological/hormone systems influenced. The wide range of conditions that can be addressed by cell extracts includes:

- Cardiovascular diseases
- Menopause and related conditions
- Andropause and hormonal impotence
- Diminished mental capacity

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- Lack of energy and vitality
- Compromised immunity
- Chronic pain
- Immunological disorders
- Diminished capacity to

recover

- Lowered productivity, working capacity and drive
- Damaged metabolic function
- Depression and mood disorders
- Sleep disorders
- Syndrome X
- Auto immune disorders

A standard stem cell treatment will require a series of intra-muscular infusions delivered over the course of five days to two weeks. Depending on customization price range will vary with a base cost of \$10,000 and higher for the cell protocols.

## Mesotherapy

In addition to this primary treatment, Cellgenics offers a full spectrum of innovative spa treatments to enhance clients' stay and experience. Healthy living and beautification comes from its varied programs and services in progressive nutrition, relaxation, aesthetic medicine, fitness and personalized lifestyle programs.

One of the advanced aesthetic procedures offered at Cellgenics is mesotherapy, an anti-aging technology developed in France and approved by the French association of aesthetic medicine.

This treatment involves injecting compounds made of various pharmacological agents, plant extracts, vitamins and minerals into the skin or scalp. Meso stimulates the middle layer of the skin and is used to eliminate cellulite and wrinkles, tone the skin and treat hair loss, pain, psoriasis, migraines and allergies. When injected into the facial area it gives it an instant facelift. Mesotherapy undoes years of skin damage from sun exposure and slows down the aging process by helping the skin continue to look youthful and resilient. It is used successfully to eliminate stretch marks and bring tone, elasticity and resilience back to skin.

## Placenta Protein

The spa also will offer a unique line of cosmeceuticals—anti-aging creams, masks and balms made with placenta protein extracts that stimulate the synthesis of collagen and increases micro-circulation to the top layer of skin on face and neck.

Human placenta skin treatments have been used for generations by many cultures throughout the world, and the effectiveness of placenta collagen masks was pioneered by Japanese scientists and further developed by Russian scientists. Collagen is one of the main proteins in human body. This particular protein in combination with elastin gives skin its resilience and elasticity. With

years collagen synthesis in skin slows down, its fibers break down; the lack of it contributes to “gravity effect.” Placenta collagen is the most effective active component known to stimulate synthesis of collagen and return the skin its youthful complexion. Placenta collagen masks are films made of collagen fiber of amniotic membrane of human placenta to:

- Provide deep-cleansing of the skin, removing all impurities and minimizing the appearance of pores
- Eliminate small wrinkles and create lifting effect
- Stimulate synthesis of collagen
- Increase hydration of the epidermis
- Increase micro-circulation in the top layer of epidermis, increasing metabolism and toning the skin
- Detoxify the skin
- Reduce inflammation and swelling

**“Treatments such as those at Cellgenics will allow for age reversal and life extension.”**

After 10-12 treatments skin is restored, becomes resilient and smooth, small wrinkles are eliminated, and skin glows, returning to its youthful

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complexion. The mask is manufactured with the unique technology that saves the natural structure of human collagen and, at the same time, strips hormones and allergens. The mask is very effective as a post-plastic surgery treatment and is also recommended after peeling and mesotherapy.

The therapeutic nature of placenta protein is greatly enhanced by the new tissue extraction technology employed. This technology ensures a finely dispersed molecular structure that improves absorption by the body. It also preserves beneficial structures such as short protein dipeptides, mono-peptides, hexuronic acids, nucleic acids and microelements, which could not be preserved by earlier technologies.

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Placenta is an embryonic tissue formed during pregnancy from the cells of the fetus. The unique biological compounds in placenta ensure that the fetus is supplied with the necessary nutrients and oxygen needed for successful growth. Placenta purifies the mother's blood from hazardous toxins before it enters the embryo and provides the embryo with all

the nourishment it needs for existence, growth and defense from external risk factors.

The most well-known and analyzed product processed from placenta is a placenta protein preparation of amino acid—the building blocks of proteins—and substances derived from a deep acid hydrolysis of placental tissue. Placenta protein is the basis of virtually all medicinal substances and treatments emulsioned from placenta. It is known to improve metabolic processes, accelerate tissue regeneration and stimulate immunity; it mobilizes the body's own defenses to fight infectious illnesses, injuries and radiation damage; and it helps the body rid itself of toxins, carcinogens, radio-nuclides, heavy metal salts and other metabolic by-products.

Liquid placental extract is now available commercially in Europe, where it is ingested orally as a homeopathic remedy to treat gastric illness and boost the immune system. It also is used topically to treat problematic skin and heal burns and scars. In the skin care industry, placenta from cows and sheep is being used in moisturizers, and Shiseido uses human placental extract in their revitalizing cream, known as the “black jar” cream. Human placenta's molecular structure allows it to be more readily absorbed into the body and is more effective for treating

humans than products derived from animals. The molecular structure of the cells in caviar or animal placenta is not the same as in human cells, so the ingredients cannot be absorbed and utilized by the body as effectively.

The use of new mechanical methods of sterilization and extraction is the most important distinction of the new placenta tissue processing technology. These five separate methods do not utilize any type of radiation, thermal action, or chemical action for sterilization and tissue preparation, ensuring safety of the placenta from the harmful effects of those methods. Instead, the sterilization methods ensure the safety of the placenta and the selected extraction of the desired biologically active substances.

These methods are based on three mechanical processes:

- Super-high pressures up to 5,000 atm (atmospheres, a scientific unit to measure pressure) during processing
- Creation of micro-hydro impacts of ultrasonic frequencies with pressures at the front of impact wave
- Ultra-fast separation

These processes not only ensure destruction of all possible micro-bacterial bodies and viruses, but also break up and extract for

use the active high molecular proteins, the most important bricks of the biological universe. Also, the ultrasonic frequencies in this production technology increase the activity of amino acids.

The placenta protein preparation is sterile, safe and completely digestible by the human body. There are no restrictions in terms of applications. Upon ingestion, it is readily assimilated into the body with usually no identifiable side effects. Furthermore, because of the advanced production technology, it contains no hormones, heavy metal salts or radio nuclides.

## **Face of the Future**

Cellgenics' goal is to transform the face of clinical beautification and rejuvenation of the human body. As both primary product and service are refined, treatments will be able to cure cancers and reverse the damage done by strokes and heart disease. For many others, it will be a gift to be able to look and feel like they did when they were younger.

Treatments such as those at Cellgenics will allow for almost complete age reversal and life extension. **PMPR**

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*Oz Garcia has been voted twice "Nutritionist of the Year" by New York Magazine, and he has been*

*the subject of feature articles in Prevention, Fitness, W, Allure, Harper's Bazaar and Hamptons Magazine. In 1998, his book published by ReganBooks/Harper Collins, The Balance — A Customized Food and Supplementation Guidebook to Achieve Supermetabolism and Maximum Health, met with rave reviews. The Balance has even been relaunched recently in England. As a result of its success, Garcia releasing his second book, The Healthy HighTech Body, updated and in paperback under the name The Longevity Lounge. The book is the most up-to date first global health guide that deals with the most current breakthroughs that can be utilized and customized for optimal health potential. Garcia interviewed with more than 30 of the most sought after doctors, scientists and health authorities from around the world discussing topics such as therapeutic power foods, state-of-the-art supplements and drugs, weight loss, beauty rejuvenation and advanced medical technologies to obtain the most up-to-date information and protocols. The book is published by ReganBooks and is also being translated and published in Russia. Garcia also is preparing to launch his newly formulated Oz Garcia's Product Line consisting of supplements, beauty products, and*

*a protocol system based on the pillars (chapters) of the book The Longevity Lounge. The first Oz product launched will be Longevity Pack consisting of a pack of 5 of the most powerful anti-aging nutraceuticals available. Garcia also delivers personalized and customized cutting-edge nutritional consultations to individuals in person and via phone around the world. In addition, Oz has expanded his practice with the opening of The Longevity Lounge, a clinical destination providing additional health services at the New York office as a anti-aging "one-stop shop" in conjunction with leading anti aging physicians such as: Lionel Bissoon, DO, Tabasum Mir, MD, and Erica Schwartz, MD. Garcia's international clientele list includes celebrities such as Hilary Swank, Kim Cattrall, Brian Austin Green, Tuesday Weld, Leonard Nimoy, Chyna Phillips, Taylor Dane, Shanaa Lathan and Vanessa Marcil, as well as: models Veronica Webb, Karen Duffy, Daniela Pestova, Paris Hilton, and Yasmeen Ghauri, and top executives such as Michael Dornemann, Joanne Horowitz, Massimo Ferragamo and Ellen Asmedeo. info@ozgarcia.com*