

As we age, our cell turn over reduces, resulting in a loss of control over the ageing of our skins. During this process of ageing epidermal stem cells, needed to create healthy new skin, are significantly reduced and function less efficiently. New bio-technology based on thorough plant stem cell research can allow you to regain control.

Scientists have found that a novel extract derived from the stem cells of a rare apple tree through phyto-technology shows tremendous ability to rejuvenate aging skin.

By stimulating aging skin stem cells, this plant extract has been shown to lessen the appearance of unsightly wrinkles. Clinical trials show that this unique formulation increases the longevity of skin cells, resulting in skin that has a more youthful and radiant appearance.

Stem Cells in the Human Skin

In the human skin, two types of adult stem cells have been identified:

- • Epithelial skin stem cells which are located in the basal layer of the epidermis.
- • Hair bulge stem cells located in the hair follicle.

Epidermal stem cells replenish and maintain the balance of cells within the skin tissue and regenerate tissue damages during injury. But with age, the number of skin stem cells decreases and their ability to repair the skin becomes less efficient.

Plant Stem Cells to Protect Skin Stem Cells

In contrast to human stem cells, plant cells are totipotent, meaning that every cell has the ability to regenerate new organs (leave, flower, seed...) or even the whole plant. Besides, all plant cells can dedifferentiate and become a stem cell. All stem cells, independently of their origin (plant, animal or human) contain specific epigenetic factors whose function is to maintain the self-renewal capacity of stem cells.

This treatment has become so revolutionary that celebrities like Michelle Obama, Jennifer Aniston, Heidi Klum, Kate Moss and a host of others are using apple stem cell based products in their daily skin care.

ActiveStemCell™ combines their potent ingredients with the Apple Face-Lift device for instant, long term results. This dual treatment acts as a non-surgical facelift, creating a tighter, smoother looking skin in one treatment!

Finally anyone can look years younger without pain, injections and down-time!

Benefits of the ActiveStemCell™ Skin Technology

- • Dermaceutical skin care product range
- • Scientifically researched
- • Award-winning innovation: 2008 European Cosmetics Prize - Best Active Ingredient
- • Hypo allergenic
- • pH balanced
- • No parabens
- • No genetically engineered organisms (GMO's)
- • No animal by-products
- • Unique concept in combination with Apple Face-Lift device

