



## Growth factors and skin

For years, scientists and researchers have been attempting to synthesize alternatives for HUMAN GROWTH FACTORS (HGF) to stimulate the skin's natural healing abilities. In healthy youthful skin, growth factors, cytokines and matrix proteins all work synergistically to regenerate and repair damaged skin.

Through a unique combination of cellular research, and our ability to extract and process the body's stem cells from adipose tissue via a mini-lipo procedure BIOSCIENCE team have been able to harness the power of these signaling molecules produced by an autologous cells.

## Tailor made cosmetic

Growth Factors when combined with additional clinically proven ingredients, the result is an unmatched autologous skin care regimen UNIQUE to each individual. When applied topically to the skin, these signaling molecules provide numerous anti-aging benefits to promote facial rejuvenation.

Each individual's ADCs secrete a personalized blend of cytokines, growth factors and matrix proteins to create ONLYOURS SKIN CELL PRODUCT LINE and conditioned media that is specific for each individual.

ADCs have been found in most multi-cellular organisms are characterized by the ability to self-renew through mitotic cell division and can differentiate into a diverse range of specialized cell types, they serve as the body's repair system, they can divide to replenish other cells and regenerate tissue too.

# Adipose Derived Cells Conditioned Media

ADC derived from adipose tissue are being investigated globally to treat and potentially cure a multitude of illnesses and diseases, repair damaged tissue and organs, regenerate wounds and to **rejuvenate aged skin**. Adipose Derived Cells (ADCs) secrete various cytokines, growth factors and matrix proteins when cultured in our proprietary media. Over 100 different cytokines, growth factors and matrix proteins are known to be found within adipose derived conditioned media: Epidermal Growth Factor (EGF) basic Fibroblast Growth Factor (bFGF) Transforming Growth Factor B1 (TGFB1) Vascular Endothelial Growth Factor (VEGF) Hepatocyte Growth Factor (HGF) Insulin-like Growth Factor (IGF) Platelet Derived Growth Factor (PDGF) Keratinocyte Growth Factor (KGF) Type I Collagen Fibronectin Interleukins.

# Personalized dermo-cosmetic Therapy

Our unique Skin Cell Line ONLYOURS products will be specially tailored for patients skin types by adding their own unique mix of growth factors and matrix proteins which help boost collagen and elastin production. This unique therapy helps in strengthening the skin's extracellular matrix effectively for repairing the visible signs of aging that include fine lines and wrinkles, reducing the appearance of hyperpigmentation and protection from harmful oxidative environmental stress.



# Protocol



COLLECTION 10 ml of body fat is collected via mini-liposoluction and delivered in laboratory.





#### PRODUCTION

The expanded ADCs secrete a unique blend of cytokines and growth factors.

### CRYOPRESERVATION

A portion of AD cells is frozen for your future skin treatments or further onlyours suite



### SUITE

sample is split into two

vials.

ONL

It consists of a single package containing the following three cosmetic products:

#### Skin-Ageing Vaccine GF - 60ml

Autologous GF from ADCs, Hibiscus, Genisteine, Hyaluronic Acid, Ascorbic acid, Lipolic Acid,

#### 24 H Nourishing Collagen - 50ml

Matrixyl, Stochieol, Hydroxyproline, Hyaluronic Acid, Ascorbic acid, Lipolic Acid, Tocopherol

Wrinkle Remedy - 30ml Pure Hyaluronic Acid



AZIENDA CERTIFICATA	
UNI EN ISO 9001:2015	



+971 04 37 57 220

www.bioinst.ae - info@bioinst.ae

SAN MARINO Strada Rovereta, 42 47891 Falciano RSM

MILANO Ospedale San Raffaele DIBIT 1 Via Olgettina, 58 Milano - Italy ROMA Università di Roma Tor Vergata Via Ricerca Scientifica, 1 Roma - Italy DUBAI Al Razi Building n.64 - Block B Dubai HealthCare City - UAE HONG KONG Unit 802 8/F, No 15 - Science Park West Avenue - Hong Kong