



KERACELL®'s MULTIPLE HUMAN CELL Stem Cell Technology

KERACELL® MULTIPLE HUMAN CELL Stem Cell Technology is the first stem cell extract to use a combination of Fibroblasts and Mesenchymal Stem Cells in our Stem Cell Conditioned Media.

MHCsc Technology has an optimized balance of fibroblasts and adipose-derived mesenchymal cells, boasting over 542 measurable proteins, peptides and growth factors— more than any other stem cell extract available.

The source of the fibroblast is neonatal foreskin, which is the sole source for all fibroblasts in the US. The source of the mesenchymal stem cells is adipose tissue. The cells are sourced from a nationally certified and accredited source and are screened for all diseases to certify that the starting material we use to make our extract is pure and from viable cell cultures.

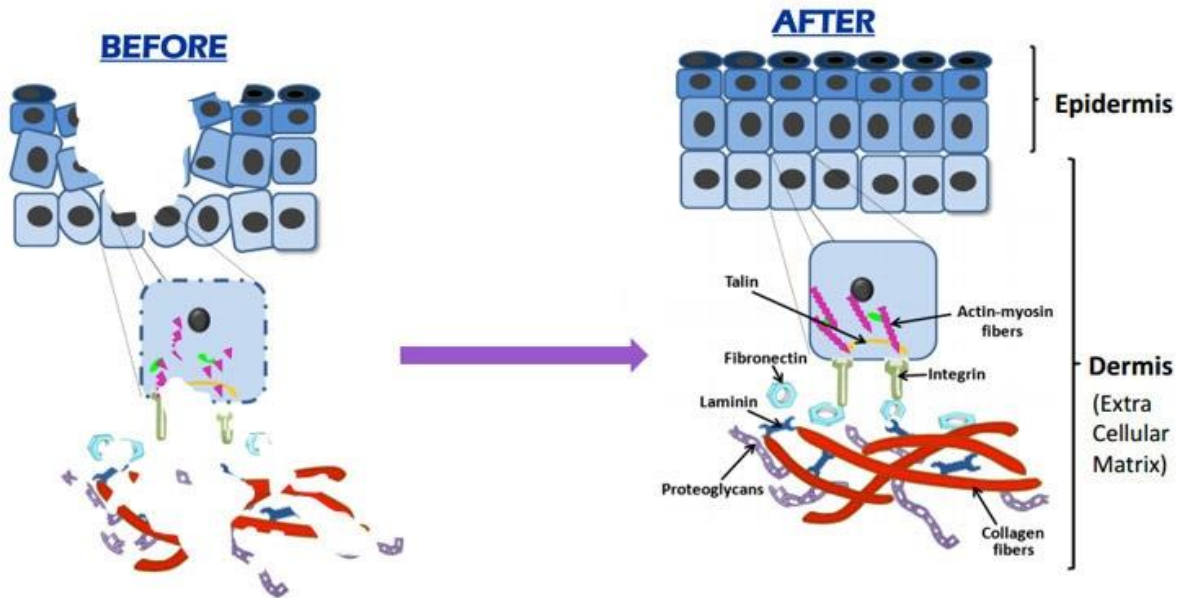
The combination of these two types of stem cells used to make the MHCsc Conditioned Media helps to rebuild the skin's structure and enhances the skin's own healthy activity and cell metabolism without having a detrimental effect on "bad" cells, such as, cancer cells.

According to safety testing results which included multiple cell types, the stem conditioned media shows a protective effect on healthy cells and a "no-growth" effect on melanoma cells. Based on these results, we would not expect the stem conditioned media to influence the growth of tumors.

We will continue to release all technical information as it is available during our ongoing studies.

Safety testing has already confirmed that the Stem Conditioned Media had no effect on tumors and will NOT cause them to grow or spread.

KERACELL® Skin Remodeling



The BEFORE diagram (left panel) shows how the aged, wrinkled, dehydrated, and/or injured skin looks like at a cellular level. The KERACELL® process contains the most essential components to restore the broken skin, Extra Cellular Matrix proteins. They are 1) Collagen fibers (over 12 different types present, including I~VI, X~XII, XV, etc.); main component of connective tissue, 2) Fibronectin; for cell adhesion, 3) Integrin; for cell-cell signaling, 4) Laminin; for basement membrane, and 5) Many others not listed in this diagram. In addition to Extra Cellular Matrix Proteins, the process contains hundreds of other cellular proteins which are integral in healthy tissue maintenance, such as Actin-myosin fibers (for muscle contraction) and Talin (for cell skeleton) shown in above diagram.

The KERACELL® Skin Care approach is based on the creation of assembly of ingredients created from multiple human cell cultures in combination with targeted peptides. The resulting material is most directly a skin care product using the bodies inherent processes to reduce and delay the signs of aging.

Our research seeks to capture signal transduction molecules as they relate to the extra-cellular matrix. Through the up-regulation of collagen and elastin production along with other molecules dedicated to activating or de-activating



pathways towards regulating collagen organization, signaling environment and the removal of unwanted skin cells, for example.

Early testing has shown that the direct treatment of the mechanisms for ECM health result in skin that is more vibrant, robust and youthful looking.

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Progressive Science-Based Anti-Aging Solutions

Kimberly Zielinski | 352.362.3173 | Kim@BellaSciences.com

www.BellaSciences.com