

LIFEPHARM OMNIA™ IS A COMPREHENSIVE  
SUPPLEMENTAL FORMULA FOR HEALTHY  
SKIN, HAIR AND NAILS

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Kimberly Lloyd M.Sc.

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## **ADDITION OF OMNIA SUPPLEMENT TO HUMAN SKIN CELLS DOUBLED THEIR GROWTH AS COMPARED TO UNTREATED CELLS**

Your skin is the largest organ of your body, made up of various components, water, protein, lipids, minerals, vitamins and biochemicals. On average, your skin weighs about 16% of your body weight. The skin has a crucial role to protect you from infections and germs. Throughout your life, your skin will change constantly depending on how you care for it and how you care for your body. Your outer layer of skin regenerates about every 27 days. Stem cells located in the lower skin layer help rejuvenate and repair skin cells. Hair follicles and inner layers of skin are fed from capillaries that deliver nutrients. Proper skin care depends on quality nutrition. Numerous ingredients have been reported in clinical studies showing effectiveness for healthy skin, less wrinkles, improved elasticity and antioxidant protection from environmental and photodamage from the sun. Optimal nutritional support is essential for maintaining health, vitality, integrity and beauty of the skin.

## **WHAT NUTRIENTS DOES OMNIA CONTAIN?**

Vitamins and minerals are needed by our skin to develop and function normally. They are necessary to replace and repair skin and other organs, heal wounds, and to perform physical and mental functions. The vitamins in OMNIA include A, C, D, K1, K2, and all B vitamins (thiamin, riboflavin, niacin, pantothenic acid, biotin, vitamin B6, vitamin B12, and folate/folic acid). OMNIA also contains natural beta-carotene, red clover blossom extract, hyaluronic acid, fish collagen, grape seed extract, spirulina (blue green algae rich in lutein and zeaxanthin) and the LifePharm proprietary egg extract with growth factors.

## **WHERE DO VITAMINS AND MINERALS COME FROM?**

In typical diets the main source of antioxidant nutrients, vitamins, and minerals comes from daily fruit and vegetable consumption.

## **DO WE GET ENOUGH VITAMINS FROM OUR DIET?**

The National Research Council recommends five daily servings of fruits and vegetables which represents the “high consumption” group. However, only 10% of the U.S. population consumes the recommended amount. 20-35% of the U.S. population consume levels of fruits and vegetables that put them in the “low consumption” groups. OMNIA was formulated to assure that a consistent level of nutrients that are vital to healthy skin and overall health are provided to the consumer. Many of these nutrients are also important for maintenance of healthy hair and nail structure.

The research has shown that the skin needs an abundant supply of vitamins, minerals and proteins for optimal function and vitality for cell turnover and collagen production. As aging occurs, the skin becomes thin and begins to wrinkle due to less production of youthful fibers (mainly collagen and elastin). Skin fibroblasts, the cells that produce collagen and elastin, begin to collapse. The good news is that the bottom layer of the skin structure has a layer of fat cells with stem cells scattered abundantly within this layer. These can be activated with the right nutrition to reproduce healthier skin and youthful fibers.

LifePharm has formulated a comprehensive supplement that includes the main ingredients shown to help support healthy skin, scalp, hair and nails. Deficiencies in many vitamins and minerals such as zinc are necessary for healthy skin and hair. Other antioxidants support skin health often associated with damaged or aging skin.

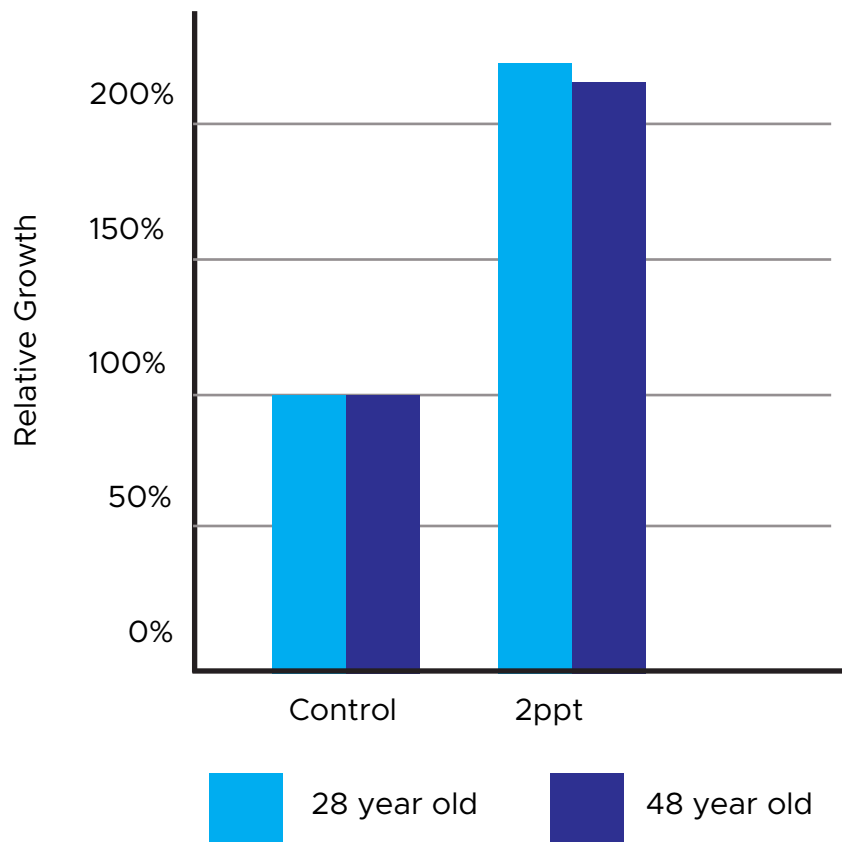
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## HUMAN SKIN CELLS TREATED WITH OMNIA SHOWED 100% GREATER HEALTHY PROLIFERATION THAN UNTREATED CELLS

A skin fibroblast study was undertaken by a well-known stem cell expert, Rafael Gonzalez PhD, whereby skin fibroblasts (similar to stem cells in skin tissue) were evaluated from a 28-year-old female donor. Also, skin fibroblasts were taken from a 48-year-old female for evaluation using the “neutral red assay”. Cells that are growing and proliferating take up the neutral red dye showing growth activity. Results showed that the skin cells from the 28-year-old when treated with 0.2% (2 ppt) OMNIA experienced 209% growth compared to controls. The older skin cells experienced cell growth of 206% as compared to controls. Both values were statistically significant growth as evaluated by one-way ANOVA and Tukey’s Honestly methods.

### ADDITION OF OMNIA TO BOTH YOUNG AND OLD HUMAN SKIN CELLS DOUBLED THEIR GROWTH



In summary, it is noticeable that the OMNIA formula could enhance cell growth in the human skin cell cultures at 2ppt (parts per trillion) by 100% greater than control cells receiving no OMNIA. The ingredients in OMNIA provided nutrients that were conducive to cell proliferation and enhanced growth. These results indicated the OMNIA supplement has essential nutrients that support skin cell growth and vitality. OMNIA overall is an effective nutritional formula that skin fibroblast cells responded positively for enhanced growth, indicating a significant improvement in vitality and health of the skin cells.