



MCCORD SUPPLEMENTS

# IMMUNE THERAPY & HEALTH

BETTER HEALTH THROUGH SCIENCE • A PUBLICATION BY MCCORD SUPPLEMENTS

## Thanking Your Skin

“Thank you” is such a simple gesture we forget to use to express our gratitude. Have you ever thought about thanking the body’s largest organ, the skin, for all its hard work? Skin is often the first defense against harmful chemicals, toxins, and invading microbes, but we tend to forget all the wonderful things it does for us.

Besides defending us against harm, skin works hard for us by constantly renewing itself. Cells migrate to repair damage and amazingly, skin even survives the affects of highly active enzymes like hyaluronidase that are normally found in the skin’s extracellular matrix. Maintenance of the extracellular matrix

depends upon a delicate balance between production and degradation of its components.

### **Hyaluronidase Activity & Aging**

The enzyme, hyaluronidase is important for wound healing, but its increased activity that comes with aging, can be destructive. In fact, the degradation that increases with aging, exposure to toxins and UV radiation, is associated with increased levels of free radicals and skin inflammation.

Hyaluronidase breaks down hyaluronic acid, an important glycosaminoglycan located in the skin’s protective extracellular matrix.



### **Hyaluronic Acid**

Hyaluronic acid is critical for collagen formation, skin repair, elasticity and moisture maintenance. Because of its negative charge that attracts the positive charge on water, hyaluronic acid is highly hydrated and can serve as a reservoir for holding large amounts of water. Amazingly, hyaluronic acid actually retains up to 1000 times its weight in water to help keep skin hydrated!

We can thank skin by protecting it and caring for it with nutrition. McCord Supplements skin care products include small molecule nutrition that penetrates and strengthens skin to help it function at its best. The ingredients in McCord Supplements skin care products also consist of small mole-



cule antioxidants that help protect against free radicals and inflammation. Furthermore, the ingredients in the McCord Supplements skin care products were formulated to help keep skin hydrated to improve cell migration and renewal.

### Dipotassium Glycyrrhizinate

An important nutritional molecule known as Dipotassium glycyrrhizinate found in McCord Supplements skin care products comes from licorice root, one of the oldest plant-derived medicines used worldwide. Licorice root has been used traditionally to help with many health conditions including skin disorders. Dipotassium glycyrrhizinate, one of the major constituents in licorice root, is also the ultimate protector of hyaluronic acid. Studies have shown that Dipotassium glycyrrhizinate significantly reduces the damage caused by hyaluronidase.



Dipotassium glycyrrhizinate helps protect against free radicals and has important antioxidative activities. In addition, Dipotassium glycyrrhizinate has anti-histamine and anti-inflammatory activities, and it has been used to treat acute and chronic dermatitis. Dipotassium glycyrrhizinate also promotes

cell migration that is required for skin renewal.

Dipotassium glycyrrhizinate is just one of the many beneficial ingredients in the McCord Supplements skin care products that will thank skin by giving it the support it needs to do its amazing job.

## References

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