



did you know? Skin & the Aging Process

We commonly take advantage of our skin as an external envelope, without fully considering the numerous, essential functions it provides. Skin is our largest organ, providing an interface between our internal physiological systems and the external world; it protects us from harm due to pathogens, solar radiation, pollutants, and also acts as effective barrier against water loss, ensuring essential nutrients remain in our systems. As we age, skin becomes thinner, drier, and less capable of healing itself...

When considering the aging process and skin, there are two major types of aging to consider – **INTRINSIC** and **EXTRINSIC** aging.



INTRINSIC AGING - also known as chronological or natural aging - is caused by changes in the structure and function of skin that occur as we age naturally. Beginning around our mid-20s, physiological changes cause collagen production to slow and skin to lose its elasticity. Dead skin cells do not shed as quickly, and the turnover of new cells begins to slow. Additionally, changes in hormone levels reduce the amount of oil produced, resulting in dry, flakey skin.

EXTRINSIC AGING results when exposure to external factors prematurely ages our skin. Numerous factors can negatively affect the skin, the most common of which is sun exposure (extrinsic aging is, therefore, often referred to as photoaging). Other factors include pollution, poor diet, cigarette smoke, stress, and gravity. Exposure results in skin with age spots, blotchy pigmentation, deep wrinkles, and a rough, leathery appearance.

Extrinsic Aging accounts for 90% of the visible signs of aging

“I knew these products would be amazing but, I’m truly blown away! For the past three weeks I’ve been asked if I’m in my early 20’s . . . I turned 30 four months ago!”
 - Kelli, Michigan

“I started drinking Lifeoxylin™ about 6 days ago, and I already feel like I have more energy and zest for life.” - Kelly, California



As natural and external processes take their toll, our systems experience oxidative stress, hormone fluctuations, decreases in metabolic activity, and declines in the length of cell life. The effects of both intrinsic aging and extrinsic are visibly seen in the skin: collagen production diminishes and elastin becomes less springy, resulting in less voluminous and elastic skin that sags and wrinkles easily. Skin becomes less moisturized naturally, and exposure to the elements causes hyperpigmentation, wrinkles, and reduces the skin’s ability to hold in moisture. Intrinsic and extrinsic processes are linked; as natural changes take place, our ability to fight the deleterious effects of environmental exposure decreases.

TABLE 1: Cellular turnover rate as we age

Age (Years)	Turnover Rate (Weeks)
0 – 20	2 - 3
20 – 50	3 - 4
50 +	4 - 6

TIP: Maintaining a healthy rate of cell turnover is important – receive the benefits of gentle chemical and mechanical exfoliation using the **Celloxylin™ Enzyme Activated Micro Scrub!**

SKIN AND THE AGING PROCESS



- Between ages 20 and 80 our collagen production declines by 65%
- Skin thins at a rate of 6% per 10 years

“WE CANNOT STOP OURSELVES FROM AGING, WE CAN AGE GRACEFULLY BY CARING FOR OUR SKIN AND REDUCING OUR EXPOSURE TO THE HARMFUL FACTORS THAT CAUSE AGING”



An Internal + External Approach

LIFEOXYLIN™

The Internal Life + O₂ Link

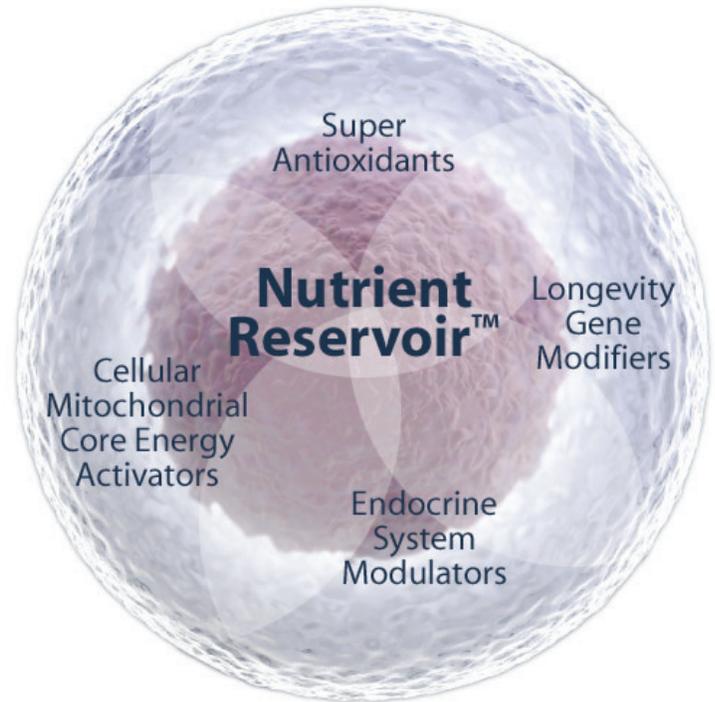
CELLOXYLIN™

The External Cell + O₂ Link

While intrinsic processes mean we cannot stop ourselves from aging, we can age gracefully by caring for our skin and reducing our exposure to the harmful factors that cause aging. Because the skin is an organ, it can benefit from products that protect skin and encourage skin regeneration topically, and well as ingested supplements that help maintain healthy system function.

Apriori Beauty™ has taken advantage of this concept by creating an internal and external system enhanced with the patent pending Nutrient Reservoir™, which delivers essential ingredients to protect and prolong the life of every skin cell while combating the damage we've already done, effectively reducing the visible signs of aging. These ingredients protect from the 4 Core Influences of Aging, providing:

1. Antioxidants to reduce the effects of oxidative stress
2. Endocrine system modulators to mediate hormone fluctuations
3. Energy Activators to help promote mitochondrial and metabolic efficiency
4. Longevity Gene Supporters to extend the life of healthy cells



The patent-pending Nutrient Reservoir™ protects and nourishes at the cellular level, addressing the process of aging, not just the symptoms.

Apriori Beauty™ . . . making life beautiful!