



bHIP GLOBAL

Product Guide

AIO[™]
PREMIUM CELLULAR HEALTH



bHIP GLOBAL

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Healthy cells are the key to a healthy life.

For most of us, childhood was a time of natural, effortless health and happiness. No matter what hit us, physically or emotionally, we could always bounce back. That was because our bodies were functioning almost perfectly, as they were designed to.

More specifically, the trillions of cells that make up our body – the cells that comprise our blood, bones, heart, brain, skin and other organs – were all at their peak, easily able to defend, repair and replicate themselves.

As children, we didn't know that our cells (and by extension, our bodies) were under constant attack. We couldn't see the damage that environmental pollutants, sunlight and other stressors were doing to our cells, and in particular the damage being done to our body's DNA.

Until recently, we didn't realize that as we were growing up, the nutritional value in our foods was going down. We didn't understand that even a "healthy" diet of store-bought foods could no longer provide enough of the nutrients that our cells require to survive and thrive.

All we knew, was that we were starting to look and feel older.

Here's why:

What we call aging is actually the degeneration of our body's maintenance systems. As we age, the damage that the body could not repair is transferred to new cells. The effects we attribute to aging – like wrinkled skin, weak bones and muscles, failing

faculties, and chronic illness – are in many cases the products of this accumulated cell damage compounded by new cell damage. This damage impacts our immune system, musculoskeletal function, and organ function. It also contributes to a decline in adult stem cell health, inhibiting the body's natural repair mechanism.

Chalk it up to "progress." For 99.9% of our evolutionary history, we lived off plants that either grew in the wild, or were grown by natural (non-chemical) methods. We lived closer to the land, and because of that, we could harvest and eat these foods when they were at their richest. But over the past 50 years, things have changed.

We now consume crops that are genetically modified for bulk and appearance, not nutritional value. We often eat fruits and vegetables that are harvested before they had

the chance to fully absorb the essential nutrients we need. For convenience, we consume packaged foods that are processed with preservatives that give them a nice, long shelf life, but put unwanted chemicals into our bloodstream. Even health-food and whole-food markets are no longer a complete source for genuinely healthy foods.

The fact is, the farther we've "progressed" from the natural foods that fuelled our forefathers, the less healthy we've become. Is it any wonder that we see so many more instances of heart disease, diabetes, arthritis, and cancer than we used to?

Unfortunately, none of us can go back to our childhood. And as a practical matter, few of us can go back to living off of the land. However, we can now bring Nature back into our lives, along with the fruits of breakthrough scientific research in nutrition and cellular health.

We now understand that aging and ultimately the breakdown of our body's performance is directly related to DNA damage. The unfortunate fact is that, as we age, our natural ability to repair damaged DNA declines leading to cellular dysfunction. Here lies the dilemma, but also the opportunity to identify natural DNA repair activators that increase the body's natural DNA repair process to maintain energy, function and optimal health.

DNA, Stem Cells and Health

Consider these facts: within all human cells is an individual's blueprint for life – your DNA, which also contains information on cell regeneration. Because DNA is constantly being assaulted by free radicals causing DNA damage, cells do not regenerate in perfect form and the performance and appearance of the human body naturally declines. It is estimated that after age 25, our ability to keep up with DNA aging (degradation) declines, as does our performance and body appearance. In fact, every day our

DNA sustains an estimated 10,000 molecular lesions per cell and once we are in our mid to late 20s, we have difficulty keeping up with their repair. When the rate at which DNA is attacked outpaces the rate at which it is repaired, it can cause a decline in the way we perform and the way we look and feel. This decline in DNA repair can also have a dramatic effect on our body's Stem Cells. As we age, stem cell function and population declines. It has been stated in studies that Stem Cell failure is associated with the loss of DNA repair and aging. It is necessary to keep these cells as healthy and plentiful as possible to maintain optimal health. After all, Stem Cells are our body's natural repair mechanism.

Antioxidants

While popular antioxidants can help to protect our DNA by harnessing and neutralizing free radicals, they are simply not enough to keep up with the free radical overload. Free-radicals damage DNA, and unfortunately, antioxidants can do nothing to increase the rate of repair of DNA damage once it takes place. So we need another solution.

The Science Behind DNA Repair: AC-11

In the early 1990s, researchers visited the Amazon Rainforest. Here, they observed how the local medicine men (shamans) would make hot water extracts of *Uncaria Tomentosa* that produced healing results. The research team also discovered the presence of carboxy-alkyl-esters (CAEs) in this natural hot water extract. These unique esters work to effectively up-regulate DNA repair enzymes in the human body, leading to cellular DNA repair. In fact, a study published in the *Journal of Phytomedicine* in 2001 showed that a precise level of carboxy-alkyl-esters from alkaloid-free *Uncaria Tomentosa* increases the body's natural DNA repair ability by 12% to 15%. By supplementing with these CAEs, you can effectively help to reverse DNA aging and improve cellular function, performance and overall health. And if you are a serious about your health and wellbeing, AIO with AC-11® may just be what you need to be as healthy as possible.

The answers are in your hand.

AIO Premium Cellular Health

Restoring and maintaining cellular health.

AIO Premium Cellular Health is a unique, proprietary formula that combines the best of nature and science. Developed by bHIP Global, AIO Premium Cellular Health is a broad-spectrum, liquid nutraceutical dietary supplement. It was conceived and developed from studies which state that certain nutraceuticals can help repair human DNA and optimize adult stem cell health. AIO was created to help:

- Provide essential daily nutrients.
- Support the heart and cardiovascular system.
- Support joint and bone health.
- Decrease inflammation.
- Deliver powerful antioxidant support.
- Support immune system functions.
- Prevent damage to DNA.
- Provide DNA repair capacity.
- Optimize adult stem cell health.

The delivery system for AIO is an all-natural puree of "super fruits" that are rich in potent antioxidants. (Antioxidants have been shown to quench free radicals and prevent oxidative stress, a leading cause of cell damage.) Each ounce of AIO provides 13,250 mg of whole fruit, including Acai,

Pomegranate, Blueberry, Acerola, Amla, Camu Camu, Mango, and Dark Cherry.

AIO synergistic blend of ingredients also includes Resveratrol, Vitamin D3, and AC-11®, a patented, all-natural extract of a tropical plant known as *Uncaria tomentosa*. Pure, bioactive AC-11® is the only plant extract in the world that has been shown, through extensive research studies, to stimulate the body's natural DNA repair process. Studies state that the repair of damaged DNA plays the key role in the health and function of adult stem cells, our body's natural repair mechanism.

bHIP Global has exclusive relationships with its development partners; Neostem, a leader in adult stem cell collection, storage and research and Optigenex, the developer of AC-11®. These key relationships enable bHIP Global to develop cutting-edge products that are ahead of their time.

