



# RETAIL RENEWAL

Adult stem cell therapy offers guests the latest in human health technology

Spas, fitness clubs and wellness centers are havens for guests seeking information, guidance and advice on how to live life more fully. With scientists discovering promising new compounds holding the potential to significantly affect health and wellness, these breakthroughs in human health technology are opening new horizons in the field of anti-aging and well-being. Research scientists constantly ask questions and seek answers that can stem the effects of aging, changing the lives of millions of people and altering collective attitudes about health.

The American perspective on health care often revolves around curing disease, and Western medical researchers perpetuate that philosophy by delivering treatments and medicines aimed at stopping disease progression. But neurophysiologist Christian Drapeau believes being healthy is much more than the absence of disease or one not being sick. Many people falsely believe they are in good health until they suffer a quick blow, like a heart attack.

They fail to see the gradual progression that took them to the precipice of disease. “Twenty years ago, people may have taken the stairs three at a time,” Drapeau says. “Ten years ago, they took the stairs two at a time. Five years ago, they took the stairs one at a time, but today simply taking the stairs at all leaves them breathless. This is not the normal progression of health.”

Over the course of a lifetime, the human body wards off countless health challenges and repairs damage from illness, injury, and aging. As most spa and fitness practitioners know, the human body is a marvelous, self-healing structure, but less than optimal operating conditions make the arduous task more difficult. The latest topic at the cutting edge of the discussion of health and healing is that of adult stem cells. From birth, humans have their own stem cells present in the body. Found

most abundantly in bone marrow, stem cells are the body’s master cells. They circulate and function to replace dysfunctional cells, fulfilling the body’s natural process of renewal and maintaining optimal health.

So promising is the field of stem cell research that CNN ranked it as one of the most significant health-related stories of the past 25 years, second only to the complete mapping of the human genome. However, with such breakthroughs come controversy, and stem cell research has had its share. While debate over embryonic

stem cell research continues, scientists have made astounding discoveries about adult stem cells. “As recently as ten or twelve years ago, it was difficult to work with adult stem cells in the blood, bone marrow, or tissue,” Drapeau says. “As such, initial studies concluded that adult stem cells had very limited potential.”



Drapeau

It wasn't long, however, before studies began demonstrating that adult stem cells could become brain, heart, liver, and muscle cells. These discoveries led Drapeau and his colleague, Dr. Gitte Jensen, to theorize, "If stem cells can become cells of the brain, heart and liver, then they had to have the ability of becoming cells of virtually all other tissues in the body," Drapeau says. "And if bone-marrow stem cells can become cells of other tissues, then this has to be a phenomenon of great significance in health. It seemed that adult stem cells were driving the natural renewal system in the body, which means that wherever there is a problem in an organ or a tissue, stem cells would migrate to that organ or tissue, improving its functioning."

In October 2002, Drapeau and Jensen published in the journal *Medical Hypotheses* the theory that stress in an organ triggers the release of specific compounds which in turn trigger the release of stem cells from the bone marrow along with compounds that attract circulating stem cells to that organ. Through their research with a naturally occurring freshwater plant commonly known as AFA, Drapeau and Jensen noted that people consuming AFA reported a wide variety of health benefits.

"Stem cells travel in the body and migrate to different organs," Drapeau says, "and supporting stem cell release could lead to a wide variety of health benefits. For the first time we had a possible explanation; AFA was probably supporting stem cell release."

Published scientific research has strengthened Drapeau and Jensen's theory. According to Drapeau, adult stem cells, when released from the bone



**Athletes report quicker recovery times as the body's release of adult stem cells fulfills the natural process of renewal.**

marrow, find their own way in the body and then can become virtually any type of cell. Supporting the release of stem cells from the bone marrow, he thought, was the key to capitalizing on the body's ability to renew itself. Studies published in journals such as *The New England Journal of Medicine* concurred that a higher level of circulating stem cells in the body equated to overall higher level of health.

Drapeau and Jensen tested the effect of AFA on stem cells and discovered that their hypothesis was correct: Consumption of large quantities of AFA increased the number of circulating stem cells. Based on the novelty of this discovery, in 2004 Drapeau

and his collaborators received a U.S. patent and began selling the AFA-based dietary supplement, StemEnhance®. "StemEnhance is a proprietary concentrate of AFA that supports the natural release of stem cells from the bone marrow," Drapeau says.

Normal adult stem cell circulation ranges from 1 million to 5 million stem cells per liter of blood. Taking only 2 capsules of StemEnhance has shown average increases of between 25 and 30 percent, enhancing the body's ability to create optimal health while staying within a normal physiological range.

StemEnhance is a proprietary 5:1 concentrate of AFA. "It is still a totally natural product," Drapeau says. "StemEnhance is, essentially, to a whole AFA what carrot juice is to a whole carrot." Harvested from a 25-mile-long, spring-fed lake in Southern Oregon, AFA grows wild in abundance there. Dense in vitamins, minerals, essential amino acids, and unique pigments, StemEnhance's nutritional benefits include increased energy levels, heightened mental clarity, improved memory and recall, strong antioxidant protection, and an overall feeling of well-being.

Anecdotally, athletes report quicker recovery times. "Many micro-tears take place in muscles when someone works out intensely," Drapeau says. "In theory, if it is possible to mend those micro-tears faster, then it is possible to push a little more during training the next day. As you do this every day, the outcome of your training gets much better and the body recovers much faster."

Spas, fitness and wellness businesses desiring to offer their guests this latest cutting edge technology in human health can learn more at [www.stemcellrxstory.com](http://www.stemcellrxstory.com) and call 517-575-0072 or email [stemcellrx@comcast.net](mailto:stemcellrx@comcast.net) to receive bottom line pricing on introductory orders for retail sale.

"Our message is about wellness," Drapeau says. "Once we've discovered the natural system of renewal of the body, there is no better approach to maintaining optimal health than supporting the natural renewal system." **R+R**

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