

“Stem cells: Triggering the body to repair—and de-age”

Carol Keppler M.EI

As the graying of America began hitting the Baby Boomers, the rush was on to find the long-sought after secret of longevity. At 70, the good life often means living in a well-appointed care home with medications delivered on schedule and family visits the highlight of the week.

Science on the march with stem cell research in the forefront— and possibilities enormous. But research takes time, and money. Fortunately stem cell research keeps moving forward, little understood by most of us but definitely intriguing, and hopeful, mostly because what we're hearing is so magical.

Stem cells are biological cells that can transform themselves (differentiate) into specialized cell types. The possibilities are virtually limitless from wound healing to the total self-repair of the entire body: heart defects, traumatic brain injury, blindness or deafness and even missing teeth. And that's only the beginning, scientists say.

We've long heard of embryonic stem cells from umbilical cord blood, but not much about the second type, adult stem cells. Found in various tissues of the body, adult cells act as its repair system, replenishing adult tissues.

Harvesting and banking one's own stem cells from bone marrow, lipid cells or blood is possible and of little risk. However, this option is expensive and not without discomfort.

Research teams are working to perfect the artificial growth of these amazing cells that can turn themselves into any organ or system of the body that needs repair *or replacement*. Some concerns remain as to whether the human system will accept or reject them which has presented obstacles yet to be overcome.

In the meantime, “intuited research” has managed to provide a faster, easier way to promote the self-repair potential that we always knew was there from the moment of conception. And an increasingly ill and aging population in the U.S. may be more than willing to give it a try.

It's the new *regeneration medicine* that began with the knowledge that in order for the cells to repair, they must first be cleansed to potentialize the regenerative process. Latent stem cells still needed help to remember the work they were designed to do. The water-based electroceuticals that had been developed and used effectively for 25 years, had a missing piece of *the stem cell factor*.

It was an “ah-ha” moment with an interesting side note: those with a strong belief system got there first with stem cells healthier and more efficient.

References:

1. Wikipedia.org/wiki/stem_cell
2. David Stipp, “He's brilliant. He's swaggering and he may soon be genomics' first billionaire”, Fortune Magazine (6.25.01)
3. Carol Keppler, intuited research