

# World Congress on Complementary and Alternative Medicine

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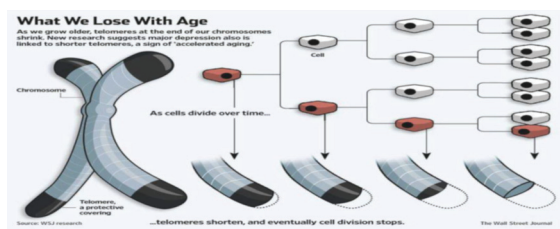
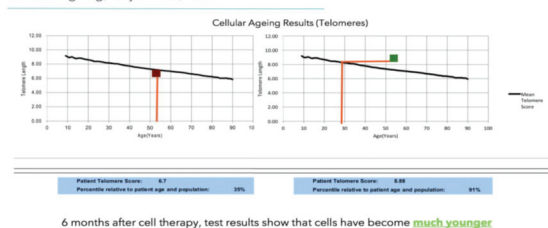
## Sunita Kaur Ahluwalia

Celestica Life Advance Wellness Center, Malaysia

### Celestica life cell therapy: Telomere replacement through VSELs

Telomeres are the little caps at the end of each strand of our DNA that control how our cells age. Otherwise known as the body's 'biological clock,' our telomeres also tell us the age of our cells. Longer telomeres usually signify better health, while shorter telomeres signal premature ageing. Each time a cell divides, our telomeres shorten. This happens until the telomeres are too short for the cells to be divided any further; this is also when the cell dies. This process where cells die and possess less and less regenerative capacity is what we know as ageing. Other than cell replication, telomeres are also subject to other factors that shorten them, such as inflammation, toxins, radiation, lifestyle, diet and the environment you live in. Studies have further shown that modern day stresses and poor diet shortens the telomeres' length. With the advanced technology to harness and activate VSELs, CelesticaLife can uniquely tackle this issue of ageing through telomere replacement. VSELs (Very Small Embryonic Like cells) are, as its name suggests, stem cells that have the regenerative capacity similar to that of embryonic cells. VSELs are also known as the mother of all cells as these pluripotent cells with the unique ability to replicate into more than 220 types of cells in our body eventually gives rise to other types of multipotent stem cells such as mesenchymal stem cells. Multipotent cells, on the other hand can only replicate into a few types of cells in our body, thereby demonstrating the efficacy of VSELs. Usually taken from the cord blood where VSELs are the most potent, our technology allows us to harness and activate these VSELs measuring 2 – 5 microns. These activated cells go on to stimulate your telomerase after the cell infusion, and your telomeres then start to regenerate and grow longer. This lengthening is what slows aging and reverses your biological age as it gives the cells a higher regenerative capacity comparable to cells in younger individuals.

Cellular Ageing, 55 year old, Male



### Biography

Sunita Kaur Ahluwalia is deeply passionate about regenerative medicine and its powerful abilities to heal and enhance a person's health holistically. She had practiced medicine for two decades and have seen the revolutionary potential in regenerative medicine, how it can change the traditional approach of medicine and decided to specialise in regenerative medicine. It has since been her sole focus since 2008. Her wealth of experience and extensive knowledge has established her as an authority in the field of regenerative medicine.

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