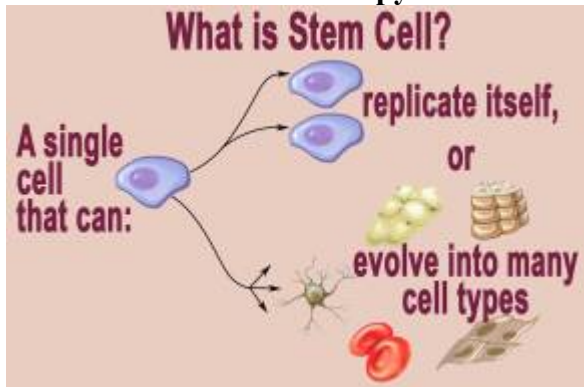


## How Does Stem Cell Therapy Work?



## What is Amniotic Stem Cells Oral Nutritional Supplementation ?

**Amniotic Stem Cells Oral Nutritional Supplementation** is based on the ability of biologically active lyophilized cellular extracts from sheep placental tissue to communicate genetic information to other cells that are biologically attenuated. This stimulates these cells to produce proteins that are biologically more active. It acts to revitalize and regenerate the human body.

**Amniotic Stem Cells Oral Nutritional Supplementation** offers the following advantages :

- Sheep Placental Amniotic Stem Cells are still non-differentiated and non-antigenic, which means they are well tolerated by the human body.
- As they are in full biological vigor, sheep placental amniotic stem cells provide a beneficial stimulation that is felt throughout the body.
- The Sheep Placental Amniotic Stem Cells act as a model for the production of new proteins and integrate their genome into the human genome. This integration of two genomes allows descendants to be produced that are suitable for synthesizing polypeptide chains which are free of DNA transcription errors. These new proteins start a fresh multiplication cycle that is freed from all the damage accumulated during the passage of time or past illnesses.

Studies conducted in German universities using Sheep Placental Amniotic Stem cellular extracts marked with radioisotopes have proven that they migrate to the target organ. That is to say, extracts from the liver are found in the tired liver, extracts from the lungs are found in the affected lung and so on. We can now say with certainty that the material in the cellular extracts targets the organs concerned and increases their overall productivity.

Nowadays, it is thought that administering cellular extracts revitalizes and regenerates the human body's tired organs by "reprogramming" their genetic material.

### **Genome**

The chromosomal capital of biological hereditary material that controls protein synthesis and the transmission of hereditary characteristics.

### ***Polypeptide chains***

Components of protein.

### ***Deoxyribonucleic Acid (DNA)***

Hereditary key of life containing the genetic code that is transmitted from generation to generation.

### ***Radioisotopes***

Radioactive substances that can be added to biological material, e.g. a Sheep Placental Amniotic Stem cellular extract, and serve as markers to allow detection of the whereabouts of the biological material after it has been absorbed into the human body.

## **Amniotic Stem Cells Oral Nutritional Supplementation and scientific research**

Even though the precise way in which cellular extracts regenerate the body and slow the ageing processes is not fully known, many researchers and theories try to explain this clinically proven phenomenon.

Let us look at three of them :

### ***1) Instability of the genome:***

- According to several researchers, as human and animal cells multiply, they produce new proteins that are defective or deficient in one or several amino acids. This phenomenon is amplified by each cell division (Woytyk & Goldstein, 1980).
- The principal effect of administering cellular extracts is that they attach to the receiver's genome like a genomic transplant. Sheep Placental Amniotic Stem cells act as models for the production of new healthy proteins.

### ***2) Free radical production:***

- Free radicals are molecules that have one or more "bachelor"; electrons orbiting outside the nucleus. They seek other electrons in order to form a new stable molecule. Free radicals can be considered as damaging products created by cellular metabolism, in the same way as exhaust fumes are the damaging byproducts of an automobile's engine (C.W. Olanow, 1993).
- Free radicals are unstable and attack cell components, damaging lipids, proteins and DNA. This can start a chain reaction that results in illness. Some of their potential sources are ionizing radiation, ultraviolet rays, environmental pollution and cigarette smoke. Free radicals are known to be implicated in more than 100 illnesses.
- Sheep Placental Amniotic Stem cellular extracts assist in prevention of the formation of free radicals.

### ***3) Telomere theory:***

- The compound structure at the end of chromosomes in eucaryotic organism is called a telomeres. Telomeres are indispensable for preserving the integrity of the genetic material during each cell division. The length of the telomeres reduces

with each cell division and, after a certain number of divisions, the chromosomes can no longer replicate themselves. Research has shown that adding an enzyme, telomerase, can stop telomere length reduction (L. Maillet, C. Boscheron, M. Gotta, S. Marchand, 1996).

- Sheep Placental Amniotic Stem cellular extracts assist in renewal chromosomes in altered cells.

### ***Eucaryotic cells :***

Type of cells making up higher forms of life such as man and animals.

### **Quality Control: Tests and Checks.**

During the past year, many improvements have been made to **Amniotic Stem Cells Oral Nutritional Supplement's** production and preparation techniques and also to the tests, checks and trials of the finished product so as to guarantee its innocuity, increase its efficacy and eliminate any possibility or suspicion of the presence of pathological or toxic agents.

### ***Examples of tests and checks:***

- In order to optimize our supplement's material, we continually reexamine the product itself and production techniques. For example, we came-up with a 3 capsules per day dosage. This dosage, considered as a biological marker for the product, is a control that allows us to measure its quality and bioavailability. As a result, we can ensure that our product is always irreproachable and has a high level of biological activity.
- Another test involves ensuring that Sheep Placenta Stem cells of stem cell line from one medicinal farm have no cytopathogenic effects on a different stem cell line from another medicinal farm when we mix them together. This test is repeated for each cell line and each batch of AgeNoMore cellular extract. As a result, we are able to guarantee the innocuity of our product on living cells.

### ***Cytopathogenicity:***

- When a cell is in a hostile or aggressive environment, the effects of this environment can result in different signs called cytopathogenic signs that are detectable by various chemical and morphological means.

### **Graphs**

Measuring various biological parameters associated with aging of the human body has shown the beneficial effects that Amniotic Stem Cells Oral Nutritional Supplementation can provide. The graph below illustrates the effects of aging on an individual without the benefit of Amniotic Stem Cells Oral Nutritional Supplementation:

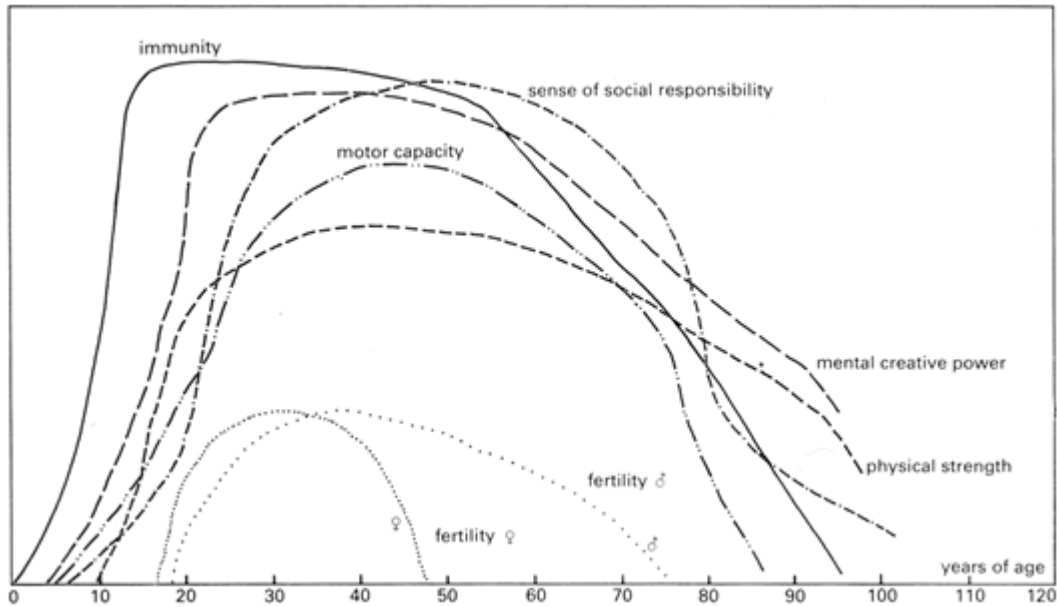


Fig. 1: Changes in various biological parameters with age  
 (Source : Franz Schmid, *A New Dimension of Medicine*, Thun, Switzerland, 1983, p. 286)

This graph shows that around 35 years old is the ideal age for starting Amniotic Stem Cells Oral Nutritional Supplementation to reinforce the immune system and mental capacity. It is recommended that a complete supplementation should be permanent and non-interruptive.

The following graph shows the changes in various human organs and tissues throughout the course of their life.

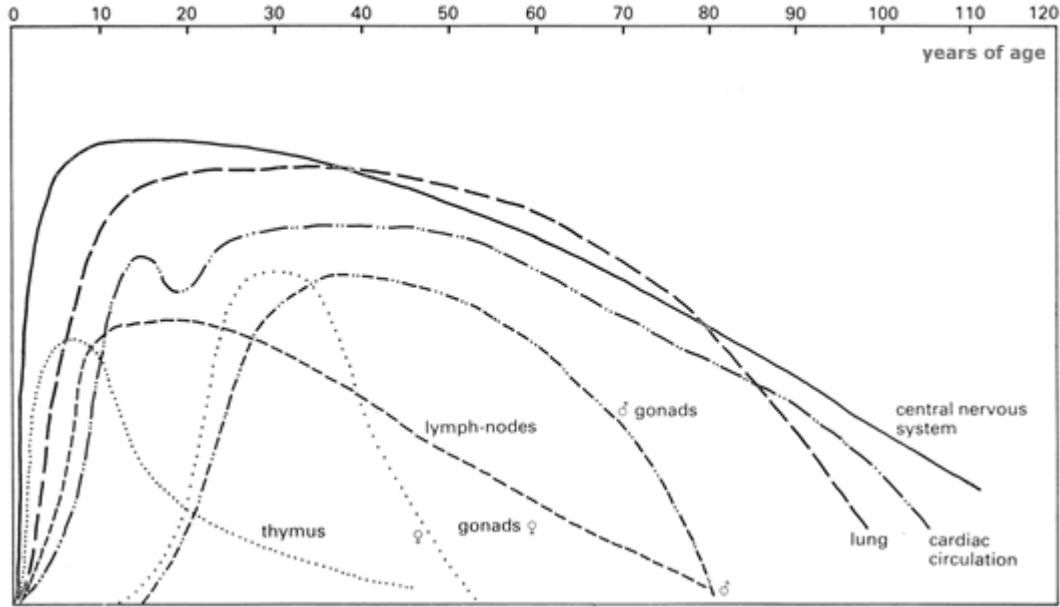


Fig. 2 : Maturation and ageing of different human tissues.  
 (Source : Franz Schmid, *A New Dimension of Medicine*, Thun, Switzerland, 1983, p. 286)

Amniotic Stem Cells Oral Nutritional Supplementation can assist the recipient body in reducing the attenuation of its organs and tissues such as those shown above and prolong their productive life.

### **Occupational Stress**

Work-related stress is one of the major curses of our era. It not only damages the health of people, but also affects that of companies, through reduced productivity, loss of efficiency and energy, financial losses, etc. According to the American Institute for Stress, it costs as much as 200 billion dollars per year in the United States, which is greater than the total cost of all strikes. Stress is responsible for the loss of more than 300 million days of work. According to the International Labour Organization, the number of people suffering from stress in the industrialized world has doubled in ten years. The French institute Société d'Enquêtes et de Sondages CSA TMO has shown that stress triples the risk of cardio-vascular disease and has an effect on sleeping disorders, depression and musculo-skeletal problems.

### **Success of Amniotic Stem Cells Oral Nutritional Supplementation**

- Revitalization
- Equilibrium
- Performance