The Future is Here...
The Center of Excellence in Regenerative Medicine
A. GIOSTAR Anti-Aging, Medical and Recovery Program Includes:
- Medical evaluation & related tests
- Medical consultation & procedure explanation
- Medical procedure
- 24 hour nursing care
- Physiotherapy (if recommended by our clinicians for osteoarthritis patients only)
- Fitness and nutrition consultation and life-style change counseling
- Transfer service to and from local airport
- Luxurious accommodations

B. Effect of Stem Cell on Anti-Aging:
- Sleep pattern improves
- Skin texture improves and increased skin tightening
- Energy level improves
- Sexual function improves
- Metabolism is better
- Blood sugar/ blood biochemistry improves
- Improved mental sharpness / processes / more positive imotions
- Experience less tiredness
- Possible weight adjustment for improved body
- Improved blood pressure
- Improved liver function
- Appetite is better
- Improved vision
- Improved perception of color, taste, and smell
- Increase in lung capacity
- Overall life quality improves

GIOSTAR Stem Cell Therapy for Anti-Aging

1. Causes of aging
   - A consensus appears among gerontologists that a significant extension of the healthy human lifespan will require targeting the clockwork mechanisms that cause aging. We will, therefore, attempt to explain what this means and what implications it may have in delaying the biological aging.
   - Modern gerontology researchers can be broadly divided into two camps. In the first camp, researchers are on a quest to understand and control the central mechanisms of the aging "clockwork." This molecular machinery should be, as they think, upstream central regulators (like telomeres) that subsequently trigger mechanisms further downstream.
   - The second camp of researchers focus on targeting molecules involved in the downstream mechanisms, as these factors (such as pro-inflammatory cytokines) are the "hatchet men" that directly trigger disease processes.
   - However, most gerontologists agree that targeting the downstream mechanisms will not sufficiently extend human life expectancy to meet the objectives of those who seek aggressive solutions to pathological aging. By targeting upstream-biology—never before attempted in the practice of medicine—we could potentially create the most powerful impact on delaying the aging process.

Last fifteen years of research on stem cell strongly suggest that it is possible to stop and reverse the ticking clock of aging by using stem cell mediated tissue regeneration process.

Stem cells anti-aging at Giosost

Stem cells have the immense capacity to divide to form more new stem cells on one hand and to differentiate into specialized cells of host organ to replenish or regenerate dying or damaged tissues on the other. As we grow older, we have fewer active stem cells, thus the onset of the degeneration process starts. So how do we balance this out?

Research shows us that there are millions of "dormant" or inactive stem cells located in our abdominal fat. So the task is to take them out, wake them up, and then return them to the body where they will get back to work of repairing and energizing tissues. Once the procedure of activating the cells is completed the Enriched Activated Stem Cells are returned to the patient via intravenous drip.

Soon after an Anti-Aging Stem Cell Treatment, recipients notice a surge in their energy levels, their skin becomes softer, their sleeping and breathing patterns become much better, their sex drive increases, age spots fade or in some cases completely disappear altogether.

It has been proven that this process does indeed work in reducing the primary marker of aging. Hormones are re-balanced; sugar levels are controlled. Other positive effects seen include hair color darkening and hair volume increase. There is also a better control of blood pressure and improved vision.

Anti-aging stem cell therapy is the most effective method of revitalization available now. Anti-aging effects of the stem cell treatments are far superior to that of any other modern method can offer.
Look beautiful without leaving a surgicle scar

Lift eyebrows and tightens brow
Reduces frown lines
Soften Fine Lines
Lift and firms jowl area
Softens smile lines and reduces nasolabial folds
Improve appearance on neck

Reactive oxygen species (ROS) are chemically reactive molecules containing oxygen free radicals. Examples include oxygen ions and peroxides. ROS are formed as a natural byproduct of the normal metabolism and have important roles in cell signaling. However, during times of environmental stress (e.g., UV or heat exposure), ROS levels can increase dramatically. This may result in significant damage to cell structures. Cumulatively, this is known as oxidative stress. ROS are also generated by exogenous sources such as ionizing radiation, stress etc. Stem cells promptly scavenge ROS to stop the harmful action of ROS mediated cellular pathways.

ROS can react with almost all cellular molecules including cell signaling pathways molecules and structural molecules like catenin, lipids, etc. Removal of ROS rescues the cells from ROS inflicted damage and thus delays the aging process.
Regenerative medicine has been called the "next evolution of medical treatments," by the U.S. Department of Health and Human Services, "with its potential to heal, this new field of science is expected to revolutionize health care."