Fresh Cell Therapy Anti-Aging Treatments in Germany

Introduction:
The legendary cell therapy based anti-aging treatments have been offered in Germany since last 60 years with great success. The integrative approach employed during cell therapy procedures helps reduce biological age by 7-10 years. Life begins at the organizational stage of the single cell and ends in the domain of the multi-cellular organism. The ultimate objective of any medical treatment should be the restoration of all capabilities of the functional unit of life - the cell. Only healthy functional cells can enable the tissues and organs to fulfill their task ensuring development and survival of the organism. As we age more number of cell die or become malfunctioned compared to the number of new cell being formed inside our bodies. This downhill process typically starts after 35 years of age in most people. Unfortunately, pharmaceutical medicine today orientates itself towards "relieve of symptoms" that can be registered or are deducible by means of scientific and technical aids (microscope, electron microscope, biochemical data, and electronic recordings). It is thereby neglecting all dimensional areas below and above the so-called objective detection methods, and in doing so, it defines its limits.

Basic Principles of Cell Therapy:
In organ extract- and cellular therapy, cells or extracts of various foetal animal tissues are administered via intramuscular injection into the human body for therapeutic purposes. These xenograft implants are broken down into their basic elements (enzymes, polypeptides, deoxyribonucleic acids, ribonucleic acids and other basic organic substances) and reused by the cells, tissues and organs of the person treated. The fundamental theory behind organ extract - and cell therapy is the principle 'Similia Similibus' or 'Like Cures Like', as stated by Paracelsus, a physician and philosopher of the 16th century. Paracelsus and many other early physicians believed that the best way to rebuild or revitalize ill organs or ageing tissue was to use healthy living cells of the same tissue type. Modern organ extract- and cell therapy refers to treatment by injection with cellular elements and whole cells from healthy unborn or foetal sheep or calves specially bred for medical purposes under a strictly controlled and pollution-free environment in high alpine mountains. Organ extract- and cell therapy actually "wakes up" dormant cells within the human body, thereby stimulating the growth and function of existing tissue and repairing or regenerating old and malfunctioning cells. Organ extract- and cell therapy offers something that vitamins, minerals and other conventional or natural treatments cannot. It can provide the exact components necessary for injured or diseased tissue to heal and regenerate. While most pharmaceutical drugs work by suppressing certain symptoms over a short period of time and only as long as they are taken, organ extract- and cell therapy are stimulating the body's own healing and revitalizing powers and exert a long term effect.
The History and the Science of Cell Therapy:
Cell therapy dates back thousands of years. Written in 1600 B.C., the Eber Papyrus of medicine recommended injection of animal organs to improve human vitality. In the middle Ages, Paracelsus observed, for the first time, that the organizational unit of all life; the cell, was the element in 'like heals like'. In the late 19th century, French Nobel laureate Dr. Alexis Carrel discovered the potentially immortal nature of cells by keeping alive fragments of a chicken heart 25 years after the fowl had died. This accomplishment was performed by combining cellular material from different hearts into one cell culture. At the end of the 19th century, Paris physiologist C.E. Brown-Sequard recognized the potency of cellular therapy by injecting himself with an extract made from the testicles of a young bull. His virility was subjectively increased due to the testosterone in the extract. In the 1920's, Russian ophthalmologist Vladimir Filatov initiated the application of foetal cellular and aloe plant extract therapies for non-specific rejuvenation of chronically ill patients. His earliest claimed successes were in reversing retinitis pigmentosa and involutional retinal macular degeneration. In the 1930's, surgeon Niehans became increasingly interested in endocrinology while serving as head of staff at one of the renowned hospitals in Germany/Switzerland. One of Niehans' first discoveries was that cells derived from the organs of foetal sheep could be injected into the human body without triggering the natural defence mechanism that acts to reject foreign protein.
In 1931, Paul Niehans was summoned to an emergency operation where he was requested to perform a transplant for an elderly woman whose parathyroid glands were removed during a thyroid surgery by accident. The patient was in critical condition and in a race against time, Niehans sought instead to inject the woman with a steer's parathyroid cells suspended in a saline solution, crudely prepared at the scene. The woman who would have otherwise died immediately, in fact, got quickly stabilized and continued to improve as she went on to live another 30 years! In the forty years following his first successful experiments, Niehans applied his discoveries in organ extract- and cellular therapy over 50,000 times. Among Niehans' patients were celebrities like Charles Chaplin, Robert Cummings, Joan Crawford, Charles de Gaulle, Dwight and Marnie Eisenhower, Winston Churchill, Charles Boyer, Bernard Baruch, the Duke and Duchess of Windsor, Joseph Kennedy, and many others. In 1953, Niehans was called to the bedside of ailing Pope Pius XII. In gratitude for successful results of his own cell therapy, Pope Pius XII invited Niehans to become a member of the Papal Academy of Sciences. Niehans also conducted research into the cancer resisting properties of foetal mesenchyme cells within a well-regulated connective tissue matrix. He used cells from the frontal brain to treat mongolism. He used skin and eye cellular extracts to treat albinism, injected liver cells to treat cirrhosis, and utilized testicle cells to treat impotence. Over one thousand scientific studies have demonstrated the effectiveness of cell therapy. By radioactively marking tissue extract, researchers have been able to ascertain what exactly happens with the organ extract and cellular material after it is injected.

Cell Therapy Preparations:
Cell therapy preparations are derived from foetal sheep or calf according to a proprietary manufacturing and cryopreservation process in North Germany. These preparations must always be injected in freshly prepared form for getting maximum therapeutic effect. More than 30 preparations from different tissue types are available. All preparations are manufactured by a GMP certified laboratory and subject to a multitude of stringent microbiology and biological viability tests to ensure the highest degree of efficacy and safety. Each preparation contains > 10 million tissue-specific cells derived from live tissue.

Cell Therapy for Anti-aging (Revitalization):
Every patient first undergoes the blood, urine and other functional diagnostic tests which specifically
measure "pro-aging" parameters + "anti-oxidant status" + "hormone levels". This gives the treating physician good information on the current functional status of different body organs and helps design an individualized (personalized) anti-aging program. The Revitalization Program involves rejuvenation of 3 main systems of the body that govern aging. They are the endocrine system, the immune system and the detoxification system. Just injecting the cell therapy preparations may not give optimum results in some patients. That is why, before cell therapy procedure, each patient undergoes extensive IV/IM detox procedures, Intravenous ozone sessions, Laser revitalization of blood, IV high dose vitamin/minerals/trace elements therapies for several days so as to make body organs maximally receptive to the incoming new cells. Rejuvenation of above-mentioned 3 body systems has shown a so called reversal or a dramatic slowdown of premature aging, regaining of vigour & vitality, libido, increased interest in daily activities, higher mental concentration and focus as well healthy skin and decreased wrinkles. The following organ cells are used: Thymus, brain, spleen, liver, kidney, heart, adrenal gland, pituitary gland, skin, ovary or testis. It is just like a 'multi-organ mini-transplant' but without the side effects of a surgical transplantation.

Other Clinical Indications:
Treatment of chronic fatigue syndrome, immune deficiency, infertility, diabetes, frozen shoulder, shoulder stiffness, migraine, joint pain, depression, melasma, aging skin, acne, hay fever, pre-menstrual syndrome, uterine fibrosis, endometriosis, insomnia, liver dysfunction, fungal infection, digestive problems, nerve related discomfort, extreme coldness, anaemia, low libido, constipation, gastritis, intestinal intoxication and hormonal imbalances.

Safety and Effectiveness:
Since the cell therapy preparations have very low antigenicity; they are not readily recognized as foreign by the recipient’s immune system, and therefore, they usually do not cause significant clinical side effects. Donor animals and all preparations are thoroughly tested to rule out transmission of zoonoses and infections; there are no known cases with the use of these preparations. Acute allergic reactions with fresh frozen or freeze-dried organ extracts and cell preparations are exceedingly rare. If such reactions should occur, they are easily manageable with antihistamines, steroids, and intravenous volume fluid expansion. The organ extract and cell preparations of foetal xenogeneic cells imprint their vigour upon old, tired, and degenerating cells, stimulating them to function with renewed efficiency, thereby improving organ function and vigour and vitality of the entire organism-- Total body revitalization.

Long-lasting Benefits:
Every procedure and therapeutic intervention carried out during anti-aging program is for regeneration of body's individual cells and organs (i.e. regeneration from INSIDE), because the aging process first starts at the cellular/organ level, and then, over the years slowly shows up externally as wrinkles on face, or development of some chronic disease, or general loss of vitality or weight gain or forgetfulness, or loss of hairs, or loss of libido or decrease in eyesight, or poor sleep quality, etc. Undergoing cell therapy based anti-aging program once a year after 40 years of age not only helps "Look and Feel" significantly younger but also offers an excellent prevention against the diseases of old age viz. Diabetes, Heart disease, High blood pressure, Impotence, Cancer, etc.

What to expect after the Anti-Aging program?
- A general sensation of feeling younger
• Improvement in blood circulation to the hands and feet
• Lower blood pressure
• Improved sex drive and potency
• Relief from sexual dysfunction
• Firming of the breasts
• Relief from symptoms of menopause
• Relief from Pre-Menopausal syndrome
• Skin looks younger and hydrated
• Lightening of blemishes and facial pigmentation
• Refining of facial pores and a fresh glow to the skin
• Skin elasticity and thickness improved
• Wrinkles are reduced
• Improvement of sleep quality
• Improvement of digestion
• Improvement in the immune system
• A feeling of being awake and alert
• Higher energy levels
• Improvement of blood parameters
• Feeling of being alive again
• Improved memory retention

Author:
Dr. Shams Scheik, MD, ABAARM, DOM(Germany) is an award winning American Board certified physician, the founder and medical director of Juventas Revitalization Clinic based in Germany. Juventas Clinic is one of the leading anti-aging & functional medicine clinics of Europe serving patients mainly coming from the Middle-East countries, Russian continent, China and North America. After finishing residency (post-graduate) program in Internal Medicine, Dr. Scheik completed an advanced fellowship in Anti-aging Medicine in Munich (Germany) and further practical training in USA and Switzerland. He is an active member of several scientific as well as non-profit organizations and travels extensively lecturing internationally on diverse topics related to anti-aging medicine, regenerative medicine, diabetes prevention, non-surgical weight loss, etc. Dr. Scheik offers private consultations in Moscow (Russia), London (UK) and Dubai (UAE).