AGING
&
ANTISENESCENCE

Aging is NOT only an external phenomenon – it needs to be addressed from the inside out!

by

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The reported health benefits from energetic embryonic plant extracts (EPEs) can never be derived from lifeless adult plant extracts, which have neither the correct nutritional and phytochemical composition nor the proper concentrations and ratios of chemical constituents like fatty acids. Additionally, unique compounds are found only in EPEs.

All of this is precisely why medicinal embryonic phytotherapy (MEP™) is a superior biological therapy: it has the same chemical constituents found in adult plant extracts, but without the unwanted toxic contaminants often found in mature plants; the chemical compounds found purely in EPEs – like embryonic plant stem cells (PSC®), juvenile phytohormones, etc. – have antiaging pharmacological supremacy over any other known rejuvenation agents. Why would you not want to have all of these benefits in one?

Virtually all known methods for extending lifespan and quality of life, as well as modalities that can protect the organism and prevent disease, are mediated by autophagy housekeeping. What is responsible for autophagy induction is the polyamine spermidine only found in EPEs stage of growth. Fortunately, we have the very best tools from Nature at our disposal, NOT increasing indiscriminately, but rather modulating autophagy – mitochondrial homeostasis and somatic cell fitness achieved by the juvenile phytohormone abscisic acid. EPEs are selective chelators and detoxifying agents that not only remove the body's toxic burden, but at the same time replenish it with essential nutrients, like enzymes, vitamins, and minerals. Ultimately, no other natural modality is capable of increasing longevity like what is consistently witnessed from MEP™.

ANATOMICAL EFFECTS OF AGING

Plenty of shrinkage and elongation occur as we age. This includes our height, heart, brain, bladder, facial bones, and sex organs. Gravity is another factor influencing aging. Our cartilage, like skin, becomes thinner and loses its elasticity and collagen. While all of these changes are ongoing, our nose, ears and feet keep growing. The tiny joints between the toe bones deteriorate, allowing the toes to spread out, and the arch of the foot flattens and gains one shoe size. The protective fat pads on the heels and balls of the feet also flatten through wear and tear.

The use of PSC® embryonic plant extracts, along with a healthy lifestyle, can greatly reduce the decaying process of aging. They restore the body by reducing the accelerated shrinkage. Anyone who has consulted with one of our health practitioners has reported, on average, a ten-year reduction in the appearances of their age when taking these EPEs as part of a custom-made Biotherapeutic program.

VASCULAR CHANGES WITH AGE

When we age, we experience a reduced resiliency of blood vessels, which may go unnoticed, even for decades. As we become, older, our heart rate becomes slightly slower and the heart may become enlarged. Our blood vessels and arteries become stiffer, causing the heart to work harder to pump blood. Muscles generally lose strength and flexibility, and you may become less coordinated or have trouble balancing. Metabolism and our digestive system slows down, memory and sex drive often decline, we develop hearing and vision problems, etc.... Simply put, as we age, the body calcifies and decay sets in. The anthocyanidins and anthocyanins are the pigments EPEs which their biological activities is to strengthen blood vessels and its vascular integrity.

Embryonic Plant Stem Cells (PSC®) SLOWS DOWN THE AGING PROCESS

Anthocyanins and anthocyanidins are plant pigments that help vascular tone and integrity. EPEs contain:

- High concentration of non-manmade amino acids.
- Biophotons that give much needed light energy to remove debris from “darkened” cells and restore the electron walls of the cells, thereby preventing pathogen invasion.
- High content of antioxidants, which is effective in reducing oxidative stress.
- Essential minerals.
- Nucleic acids for DNA and RNA repair.
- Omega 3 fatty acids, which are well known for their antiinflammatory activity.
- Peptides.
- Protein.
- Vitamins and Minerals.

Many phytochemicals found in EPEs contain high amounts of various kaempferols and resveratrol, which are well known to activate the protein sirtuin-1 (SIRT1) and other sirtuins implicated in influencing a wide range of cellular processes, like aging, transcription, apoptosis, and inflammation, and have a molecular link between metabolism and immunity (Preyat, 2013; Wade 2008). EPEs’ growth, immune, and stress hormones play a role in increasing collagen and elastin, which has an effect on decreasing the appearance of wrinkles and increasing skin elasticity. They play a regulatory role in preventing photoaging of the skin, thereby retarding senescence.

Embryonic Plant Stem Cells (PSC®) ARE THE REJUVENATOR OF DYING CELLS

As we age, the rate of cell renewal is on the decline. EPEs contain phytostimuline peptides, which are very effective in skin cell renewal and rejuvenation. They also have collective antioxidant properties which support cell rejuvenation.

It is beyond the scope of this article to describe every alteration aging has in store for us. PSC® embryonic herbal extracts are not a panacea, but they are Nature's antiaging agents; antiaging ***medicine*** – not antiaging ***cosmetics***, as what is experienced is a vibrant restoring of the body from the inside out.

PSC® is the only non-manmade product that addresses all concerns of an aging body. Anyone using our over-the-counter complexes or single embryonic plant extracts will experience a greatly beneficial anti-senescence effect. However, the ultimate goal is to be able to intervene with the aging process, which requires a qualified health care professional that is proficient in phytochemistry in order to create a custom program that utilizes and combines extracts from the full range of our products.

References:

Preyat N, Leo O. (2013). "Sirtuin deacylases: a molecular link between metabolism and immunity." J. Leuk. Biol. 93 (5): 669–680. DOI:10.1189/jlb.1112557. PMID 23325925 [PubMed]. Wade N (2008-06-04). "New Hints Seen That Red Wine May Slow Aging." NYTimes.com. Retrieved 2008-11-30.

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Everyday, we are exposed to various factors which stimulate aging. The air that we breathe, the food that we eat, the water that we drink, our fast-paced, late-meal, late-sleep lifestyle speed up the appearance of skin wrinkles and sagging. It is not only the skin which reflects aging; deep inside, our immune system, digestive system, lungs, heart, liver and joints are also aching because of the stresses that we continuously encounter.

So what happens during aging, which gives rise to all of these manifestations?

Our body is made up of cells, some of them stem cells or "parent cells"-and these cells have their own lifespan. Various types of cells vary in their lifespan and these cells reach their ripe age through the process of cell death.

There are two types of cell death: one is a healthy type of cell death known as "apoptosis" and the other is a traumatic type of death, known as "necrosis". When we are exposed to the stressors previously mentioned, our cells die a traumatic type of cell death. This can contribute to rapid aging of our bodily organs.

There is another factor which leads to faster skin aging, and that is the accumulation of free radicals and oxidants in our system. The accumulation of these free radicals is due to slowing of processes when we are exposed to stresses, plus the diseases to which we are prone to everyday. These free radicals continue to slow down the cell's processes, thus our skin develops wrinkling and sagging, our muscles and joints ache, and our body systems are slow to function. We feel aged inside and out.

In the past, our ancestors have been using plants as effective remedies for various illnesses and to freshen up the body and make the skin smooth and clear. In our research, it has been found out that embryonic plant stem cells, the young cells which gives rise to new rootlets, buds and shoots constantly, are the ones with the purest and most active and potent plant hormones known as auxins and gibberellins. These plant hormones are embryonic plant stem cells and are not found in adult plants and may be the reason why shoots, buds and young stalks are not as pigmented, wrinkled, stooped, dried and deformed as compared to the adult plants.

PSC Distribution LLC, which as been sold and now can be found under www.nature-provides.com in its attempt to bridge the gap between traditional and alternative medicine, has created a new line of medicinal embryonic plant extracts. These embryonic plant extracts are the newest modality

in not only anti-aging and detoxification but also in strengthening immune response and in improving quality of life of patients with certain diseases and illnesses.

Medicinal embryonic plant extracts speed up the body's metabolism and guides the cells in their normal processes. The plant hormones facilitate "cleansing" of the body cells against toxic wastes and free radicals. Because embryonic plant extracts are taken orally, they facilitates cleansing and detoxification not only on the inside but also on the outside. Not only do you look younger, you also feel younger.

PSC® embryonic plant extracts are the answers to today's problems on faster skin and body aging. Experience life to its fullest and see for yourself.