



## **Life Extension**

### Description:

The Life Extension Foundation is the world's largest organization dedicated to finding scientific methods for addressing disease, aging, and death. The Life Extension Foundation is a non-profit group that funds pioneering scientific research aimed at achieving an indefinitely extended healthy human lifespan. The fruits of this research are used to develop novel disease prevention and treatment protocols.

Foundation members take advantage of proven therapies to address disease and slow premature aging today. The scientific literature contains thousands of studies on the use of nutrients, hormones, and other therapies to improve the quality of life. Life Extension members use this information, in conjunction with their physicians and other health care advisors, to improve their chances of living longer in good health.

At the heart of The Foundation's program are its research programs aimed at identifying and developing new therapies to slow and reverse the deterioration of aging – the underlying cause of most deaths in the United States and other developed countries. Killers such as heart disease, stroke, cancer, and Alzheimer's disease are caused, in large part, by the progressive decline in normal structure and function associated with aging. The control of human aging will reduce and, eventually, eliminate degenerative disease, which could enable us to remain alive, healthy, and vigorous for centuries. Join the Life Extension Foundation.

Research supported by The Life Extension Foundation has documented the value of nutrients, hormones and drugs at preventing and reversing cell damage caused by oxidation, inflammation, excitotoxicity, and other lethal processes. Scientists in The Foundation's research labs have blocked damage caused by reduced blood flow (ischemia) to the brain. Ischemia is an underlying cause of

damage in patients who suffer from disorders such as coronary artery disease, trauma, and aging-related neurologic deterioration. This type of research will lead to the ability to save the lives of millions of people who would otherwise die, and to improve the quality of life of all of us as we grow older.

The Life Extension Foundation also funds the only scientific program in the world to develop new medical uses for advanced low-temperature technologies. Fundamental breakthroughs in ice control made by Foundation-funded scientists are leading to remarkable new methods of cryopreserving cells, tissues, and organs for transplant. Over the next 10 to 20 years, the use of cryopreserved tissues “ for the treatment of aging and degeneration will revolutionize the interconnected practice of medicine and the other wellness and healing arts and sciences.

Life Extension is funding a highly innovative research program to pinpoint the genetic and biochemical changes associated with

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