

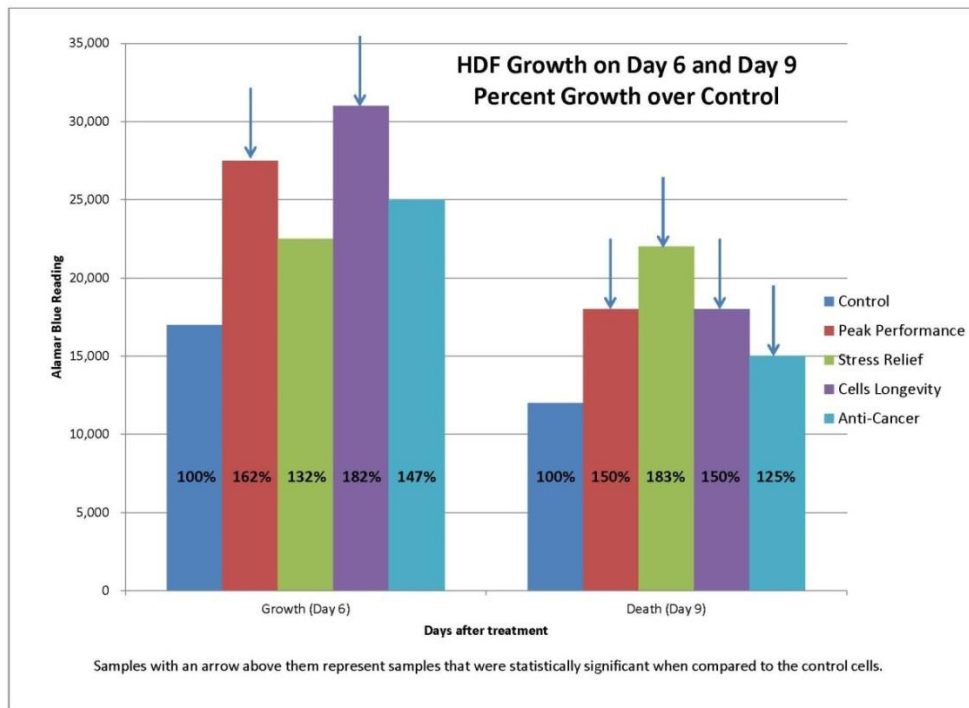


Prepared by: Energy Tools International LLC  
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Conducted at the Beech Tree Lab, Inc., RI.

## Vital Force Formulas Increase Human Dermal Fibroblast (HDF) Cellular Growth Rates

At Vital Force Technology we were looking for a promising candidate to test our products' effects on gene expression. Beech Tree Labs, Inc., of Providence, Rhode Island, led by their president and CEO, Dr. John McMichael, Ph.D., agreed to conduct research on several Vital Force Technology formulas.

Using fibroblasts (cells in connective tissue that produce collagen and other fibers) from human skin, Beech Tree lab experimented with four VFT formulas, as Peak Performance, Stress Relief, Cells Longevity and Formula AC. The experimental goal was to test the ability of VFT formulas to increase human dermal fibroblast (HDF) cellular growth rates. It was found that cell cultures exposed to every Vital Force compound that he tested outperformed the control group.



It was measured cell growth by exposing the cultures to Alamar blue. As the cells actively grow, Alamar blue is metabolized, and a fluorescent tag is cleaved off. The tag is then measured by a

plate reader. This allows analysis of the relative growth rate of the experimental sample compared to the control. HDF cells were measured at the time of seeding for a basal reading, and every three days thereafter.

By day nine of the tests, the cell cultures had reached maximum density in the cell-growth medium, at which point their environment usually turns toxic. It was found that the Vital Force Technology formulas delayed cell mortality.

While results like these highlight the potential of Vital Force Technology formulas for non-invasive, non-toxic health enhancement, this is a preliminary report and additional research is recommended.