### Who Should Take TA-65<sup>®</sup><sub>MD</sub>?

\*Anyone who had a telomere length test and has short telomeres

\*Anyone who's immune system is compromised and can benefit from its restoration

\*Everyone who is concerned about aging healthy and living longer



#### What people are saying:

As a practicing MD, I am surprised at the improvement in my immune system after only 6 months.

#### -Dr. Fred Vagnini, 70, New York, NY

I'm more active physically than any time I can remember. At age 80 I feel like the "poster boy" for TA Sciences.

#### -Ralph A. 80, Los Angeles, CA

To learn more about TA-65MD and how it can help you, consult one of our licensed healthcare practitioners or visit: <u>www.tasciences.com</u>

# Why should you consider taking $TA-65^{\text{B}}_{MD}$ ?

As we age, our Telomeres shorten

Regular exercise and healthy habits can slow the attrition of telomeres, but telomere length continually declines as we age

If you have not followed a healthy lifestyle, your telomeres are shorter than they should be

Many recent scientific studies have shown short telomeres are associated with age related decline and dysfunction

Evidence also clearly shows people with long telomeres age healthier and look younger

The only way to lengthen telomeres is through the activation of an enzyme called telomerase

The world's only commercially available way to activate telomerase is to take  $TA-65^{\circ}_{MD}$ 



T.A. Sciences, Inc. 24E 64<sup>th</sup> Street, 5<sup>th</sup> Floor, New York, NY 10065 Phone: 212-588-8805 Fax: 212-588-0058 www.tasciences.com



250 units<sup>‡</sup>

Telomerase Activation works on targeted cells in your body and can improve your quality of life.\*

CELL REJUVENATION THROUGH TELOMERASE ACTIVATION<sup>™†</sup>

+ Lengthens Short Telomeres<sup>†</sup>

+ Helps Prevent DNA Damage<sup>†</sup>

Rejuvenates Aging Immune Systems<sup>†</sup>

**Nobel Prize Technology** 

Exhibit J - Page 1

# What is the key to aging healthy and living longer?

## **Telomeres!!!**

**Telomeres:** Strings of DNA located at the ends of chromosomes. They maintain the structure of the chromosome and protect the genes.



Every human cell contains 92 telomeres, or biological ticking clocks. Telomeres are responsible for maintaining the integrity of our DNA. Each and every time our cells divide, these telomeres (some call them burning fuses) get shorter. When one becomes critically short, the cell either stops functioning properly or dies. Telomere biology won the 2009 Nobel Prize in Medicine for good reason.

Birth marks the beginning of telomere erosion in most tissues throughout life. Telomere shortening inevitably proceeds as we grow older. It is further accentuated by environmental, physical, and emotional stress. Unless something can be done to keep telomeres from shortening, (even if every disease known to mankind is cured)...

We will all still die from telomere shortening!

# What can be done to keep telomeres long?

### Lead a healthy lifestyle

This will only help slow down the shortening of your telomeres

### **Activate Telomerase**

In published studies, it has been proven to be the only way to lengthen short telomeres

### What is Telomerase?

Telomerase is an enzyme that maintains the telomeres at the end of the chromosomes in order to prevent cell death. The gene producing the telomerase is usually turned off in most cells. When the telomerase gene is activated, it resembles a molecular motor and adds new DNA onto the ends of telomeres, thus lengthening short telomeres.



From circulating in the blood stream, TA-65<sup>®</sup><sub>MD</sub> enters aging cells

TA-65<sup>®</sup><sub>MD</sub> has the ability to

Activated Telomerase causes

telomeres at the end of the

chromosome to grow longer

activate the dormant

**TELOMERASE** enzyme







## Is there a way to activate telomerase?

According to published studies, the only proven way available is:

### TA-65<sup>®</sup><sub>MD</sub>

TA-65<sup>®</sup><sub>MD</sub> is a purified molecule originating from the Astragalus plant.

Astragalus is a well-respected Chinese medicinal plant which has been in use for over 2,000 years.

TA-65<sup>®</sup><sub>MD</sub> is proven to:

- ✓ Activate telomerase
- Lengthen short telomeres
- ✓ Restore an aging immune system
- ✓ Increase bone density
- ✓ Improve various biomarkers that usually decline with age

Our clients report anecdotal benefits such as:

- ✓ Increased energy
- ✓ Improved endurance
- ✓ Vision improvements
- ✓ Enhanced libido
- ✓ Better skin elasticity
- ✓ and more....