



Would you like to **help investigate** a potential **cure for aging**? Longitudinal studies are not always required, there are many **biophysical markers of aging** which **can be measured now**. Explore **personalized interventions** with us!

**TA-65 Aging Study:** Determine efficacy of TA-65 telomerase activation therapy as measured by an immune system panel (primarily the ratio of senescent cytotoxic T cells ( $CD8^+/CD28^-$ )), critically-short telomere length, TERT/TERC genetic polymorphisms, and participant Quality of Life per previous demonstration of human benefits.<sup>1</sup>

- A. Breast cancer and prostate cancer cohorts for a randomized controlled double-blinded research study
  - 132 each breast cancer and prostate cancer patients (initially all stages, grades, and metastasis levels)
  - Patients are in remission (to be confirmed)
  - Patients are located in the greater San Francisco Bay Area, and possibly the greater Los Angeles area
  - 2-year study beginning Fall 2011/Winter 2012, patient recruiting is beginning now
- B. Healthy person cohort – all ages for a randomized controlled double-blinded research study
  - 132 healthy individuals
  - Patients are possibly located anywhere in the U.S. (blood samples must have a quick fedex turnaround)
  - 2-year study beginning Winter/Spring 2012, patient recruiting is beginning now
- C. TA-65 user community and self-run study – connect with users and interested parties – available now!

As we age, our telomeres shrink about 100 base pairs per year which eventually causes our cells to die. UCSF Nobel-prize winning scientist Elizabeth Blackburn co-discovered telomerase, an enzyme that replenishes telomeres. Leading scientist Cal Harley (former Geron CSO and current founder and President and CSO at Telome Health) helped to develop TA-65, a telomerase activation therapy based on a purified version of the astragalus root used for thousands of years in traditional Chinese medicine. Over one thousand individuals worldwide are currently taking TA-65.

**SIGN UP FOR THE STUDY COHORTS AND USER COMMUNITY NOW! <http://bit.ly/mAkLbo>**

<sup>1</sup> Harley CB, Liu W, Blasco M, Vera E, Andrews WH, Briggs LA, Raffaele JM. A natural product telomerase activator as part of a health maintenance program. *Rejuvenation Res.* 2011 Feb;14(1):45-56.