Human Longevity, Inc. (HLI) is the genomics-based, technology-driven company creating the most comprehensive database of whole genome, phenotype and clinical data. HLI is developing and applying large scale computing and machine learning to make novel discoveries to revolutionize the practice of medicine.

Why Now?

Age is the single leading risk factor for virtually every disease. And, as people age, they want to maintain their productivity, their health and their independence. So, as people are living longer than ever, longer life spans will have a dramatic effect on the global economy. The global market for healthy human longevity is enormous with total healthcare expenditures in those 65 and older running well over $7 trillion.

We believe that HLI’s unique science and technology, along with our business leadership, will positively impact the healthcare market with groundbreaking diagnostics and therapeutics to yield healthy lives worth living.

How We Work

HLI is combining quantitative genomic and clinical information with machine learning to address disease and improve care. We are working to enable pharmaceutical and insurance companies, governments, researchers, physicians and patients to use genomics data to advance and personalize care.

Who We Are

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HLI’s Solutions

HLI is creating a model to change the way medicine is practiced to change health outcomes associated with aging and human biological decline.

The HLI Knowledgebase™
This is HLI’s comprehensive genome and phenotype database curated with our proprietary computational tools by the leading experts in the field. Our team is sequencing complete genomes to 30x coverage and is on track to have a database of 1 million integrated health records by 2020.

HLI Health Nucleus
These are designed to be free-standing, unique health centers providing genomic-enhanced longevity care to individuals. The Hubs will give individuals one-stop access and virtual support from the most advanced genomics based health evaluation and longevity service. The first HLI Health Nucleus is slated to open in summer 2015.

Cellular Therapeutics & Longevity Cell Banking
HLI is focused on development of cell-based therapeutics to address age-related decline in endogenous stem cell function. The company licensed a placental stem cell line from Celgene Cellular Therapeutics and is designing Phase 2 studies for a variety of anti-aging indications including sarcopenia (loss of muscle).