

AGE-RELATED DISEASES

School of Gerontology

Fact Sheet

risk factor for heart disease, cancer, diabetes and many other diseases. USC Davis School researchers work to understand how the mechanisms behind aging influence disease risk

in hopes of lengthening **HEALTHSPAN**—the number of disease-free years in an individual's lifespan.

About **610,000**Americans die from heart disease each year. [CDC]

Cancer is the second leading cause of death in the United States, exceeded only by heart disease. ONE OF EVERY FOUR DEATHS in the United States is due to cancer. [CDC]



RESOURCES

The USC Alzheimer's Disease
Research Center, founded by
Professor Caleb Finch, reaches out
to the multi-ethnic communities
in the greater Los Angeles area to
study cognitive changes related
to aging, Alzheimer's disease and
cardiovascular disease.

adrc.usc.edu

The **USC Free Radical Institute**, directed by Professor Kelvin Davies, studies the role of free radicals and oxidation in aging, cancer, neurodegeneration, heart disease, stroke, and more.

gero.usc.edu/usc-free-radicalinstitute

The **USC Longevity Institute**, led by Professor Valter Longo, unites multidisciplinary aging research approaches in order to maximize the healthy life span. www.longolab.org

In the U.S., **29.1 MILLION** people—9.3 percent of the population—have diabetes. 8.1 million of those individuals have not been diagnosed. [CDC]

EXPERTS



Pinchas Cohen, MD Personalized aging, disease prevention, technology for healthy aging, diabetes,

mitpchondria and mitochondrial peptides

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Kelvin Davies, PhDFree radicals.

antioxidants and exercise; oxidation in aging and Alzheimer's and Parkinson's disease

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Caleb Finch, PhD

Biological causes of aging, Alzheimer's, neurobiology, neurochemistry, neuroendocrinology, heart disease

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David Lee, PhD

Diabetes, cancer, exercise, obesity and diet, mitochondria and mitochondrial peptides

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Valter Longo, PhD

Mechanisms and genetics of aging; biochemistry of agerelated diseases; role of nutrients and fasting in longevity

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Edward Schneider, MD

Healthy aging; nutrition, exercise, weight and aging; disease treatment and prevention

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