DEGREES AND AWARDS:

- Ph.D. in molecular biophysics and biochemistry from Yale University
- B.A. in biochemistry from University of California Berkeley
- Pound Research Award
- Shaw Scientist Award
- Burroughs Wellcome Young Investigator Award
- Howard Hughes Medical Institute New Investigator Award

AREAS OF EXPERTISE:

- Role of mitochondria in aging
- Use of DNA microarrays
- Molecular basis of caloric restriction
- Nutrigenomics

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TOMAS A. PROLLA, PH.D.

NU SKIN ANTI-AGING SCIENTIFIC ADVISORY BOARD MEMBER

Dr. Tomas Prolla is a co-founder of LifeGen Technologies, a professor in the genetics and medical genetics department at the University of Wisconsin-Madison, and a member of the Nu Skin Anti-Aging Scientific Advisory Board.

Dr. Tomas A. Prolla received a bachelor's degree in biochemistry from the University of California at Berkeley in 1990. He continued his studies at the department of molecular biophysics and biochemistry at Yale University, receiving a doctoral degree in 1994. While at Yale, Dr. Prolla contributed to the discovery of the molecular basis of DNA mismatch repair in eukaryotic organisms, a discovery that was the basis for the identification of human DNA mismatch repair genes involved in cancer.

Following his doctoral work, he completed a research fellowship at the human and molecular genetics department at Baylor College of Medicine. Dr. Prolla joined the faculty of the department of genetics and medical genetics at the University of Wisconsin-Madison in 1997, where he is currently a professor. Dr. Prolla has received several awards of scientific excellence, including the Pound Scientist Award, the Shaw Scholar Award, the Burroughs Wellcome Young Investigator Award, and the Howard Hughes Medical Institute New Investigator Award.

Dr. Prolla's work currently focuses on understanding the genetic basis of aging. Areas of interest include the role of mitochondria in aging, as well as the mechanisms of aging retardation by caloric restriction. Dr. Prolla and Dr. Weindruch have collaborated for more than a decade, and as a result of this collaboration, LifeGen's founders have generated the first detailed analysis of the aging process at the gene expression level. This discovery allowed the development of gene-based methods to measure the rate of aging in specific tissues, providing the basis for the founding of LifeGen Technologies.

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