



# TOMAS A. PROLLA, PH.D.

NU SKIN ANTI-AGING SCIENTIFIC ADVISORY BOARD MEMBER

*Dr. Tomas Prolla is a co-founder of LifeGen Technologies, professor in the Genetics and Medical Genetics department at the University of Wisconsin-Madison and a member of the Nu Skin Anti-aging Advisory Board.*

## DEGREES AND AWARDS:

- Ph.D. in molecular biophysics and biochemistry from Yale University
- Shaw Scholar Award
- Burroughs Wellcome Young Investigator Award
- Basil O'Connor New Faculty Award
- Howard Hughes Medical Institute New Investigator Award

## AREAS OF EXPERTISE:

- DNA Microarrays
- Molecular basis of the aging process

## MEDIA CONTACTS:

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Dr. Tomas A. Prolla received a Ph.D. in molecular biophysics and biochemistry from Yale University. 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 discovered the molecular basis of DNA mismatch repair in eukaryotic organisms, a discovery that led to the identification of several 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 & Medical Genetics at the University of Wisconsin in 1997, where he is currently a professor. As a new faculty member, Dr. Prolla has received several awards of scientific excellence, including the Shaw Scholar Award, the Burroughs Wellcome Young Investigator Award, the Basil O'Connor New Faculty Award, and the Howard Hughes Medical Institute New Investigator Award.

Dr. Prolla's work currently focuses on a collaborative effort with Dr. Weindruch's laboratory to elucidate the genetic basis of aging through the use of DNA microarrays. As a result of this collaboration, LifeGen's founders have generated the first detailed analysis of the aging process at the genomic level, the discovery that provided the basis for LifeGen.