



THE
DISCOVERY
LECTURE
SERIES

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OFFICE OF THE VICE CHANCELLOR FOR HEALTH AFFAIRS

VANDERBILT PRIZE WINNER
TITIA DE LANGE, PH.D.
HOW TELOMERES SOLVE THE END-PROTECTION PROBLEM

FEBRUARY 23, 2012
4:00 P.M.
208 LIGHT HALL

VANDERBILT  UNIVERSITY
MEDICAL CENTER

The Vanderbilt Prize in Biomedical Science, established in 2006, honors women who have made significant advances in the biological and biomedical sciences and who have contributed positively to the mentorship of other women in science.

Vanderbilt Prize winners receive a \$25,000 award and serve as mentors to women who are pursuing graduate studies in the biomedical sciences at the School of Medicine. This year's Vanderbilt Prize Student Scholar will be announced during the Discovery Lecture.



TITIA DE LANGE, PH.D.

LEON HESS PROFESSOR AND HEAD OF THE LABORATORY
FOR CELL BIOLOGY AND GENETICS

AMERICAN CANCER SOCIETY RESEARCH PROFESSOR

DIRECTOR, ANDERSON CENTER FOR CANCER RESEARCH,
ROCKEFELLER UNIVERSITY, NEW YORK

RECIPIENTS OF THE VANDERBILT PRIZE IN BIOMEDICAL SCIENCE

2011

Titia de Lange, Ph.D.
Rockefeller University

2010

Nancy C. Andrews, M.D., Ph.D.
Duke University School of Medicine

2009

Susan S. Taylor, Ph.D.
University of California, San Diego
Howard Hughes Medical Institute

2008

Ann M. Graybiel, Ph.D.
Massachusetts Institute of Technology

2007

Elizabeth Blackburn, Ph.D.
University of California, San Francisco
2009 Nobel Laureate

2006

Nancy Andreasen, M.D., Ph.D.
University of Iowa College of Medicine

Dr. de Lange earned her Ph.D. in biochemistry from the University of Amsterdam and the Netherlands Cancer Institute in 1985. From 1985 to 1990 she was a postdoctoral fellow in the laboratory of Nobel laureate Harold Varmus at the University of California, San Francisco, where she was one of the first to isolate the telomeres of human chromosomes. She came to Rockefeller in 1990 as assistant professor and was promoted to associate professor in 1994 and professor in 1997. She was named the Leon Hess Professor in 1999 and is an American Cancer Society Research Professor. She is also director of the university's Anderson Center for Cancer Research.

Among other awards, Dr. de Lange has been named the 11th Rosalind E. Franklin Award Lecturer for women in science by the National Cancer Institute. She also is the recipient of the 2010 AACR Clowes Memorial Award, the 2008 Massachusetts General Hospital Cancer Center Prize, the 2005 NIH Director's Pioneer Award, the 2004 Charlotte Friend Memorial Award from the AACR and the first Paul Marks Prize for Cancer Research, in 2001.

She is an elected member of the Royal Dutch Academy of Sciences, the European Molecular Biology Organization, the American Academy of Arts and Sciences, and a foreign associate of the National Academy of Sciences.
