

CURRICULUM VITAE for ELIZABETH HELEN BLACKBURN, PH. D.
Last updated May 1, 2014

Title Morris Herzstein Endowed Chair in Biology and Physiology
Place of Birth Hobart, Tasmania, Australia
Marital Status Married to John W. Sedat, one child
Present Nationality Australian and naturalized American citizen (September 2003)
Address Department of Biochemistry and Biophysics
600 16th Street, MC 2200, Room S312F
Genentech Hall, Mission Bay Campus
University of California, San Francisco, CA 94158-2517
Tel: 415-476-4912 or 415-476-2824 / Email: elizabeth.blackburn@ucsf.edu

Major Research Interests Telomere structure and telomere synthesis;
Chromosome structure and function; cancer; aging.

EDUCATION

Institution and location	Degree	Year Conferred	Scientific Field
University of Melbourne Melbourne, Australia	B.Sc. (Hon)	1970	Biochemistry
University of Melbourne Melbourne, Australia	M.Sc.	1972	Biochemistry
University of Cambridge England	Ph.D.	1975	Molecular Biology
Yale University New Haven, Connecticut	(postdoc)	1975–77	Molecular and Cell Biology

HONORS

Australian Society for Microbiology Prize (1967)
University of Melbourne Wyselaskie Scholar (1970)
Travelling Gowrie Research Scholar (1971–1973)
Anna Fuller Fund Fellowship (1975–1977)
Eli Lilly Research Award for Microbiology and Immunology (1988)
National Academy of Science Award in Molecular Biology (1990)
Harvey Society Lecturer, Harvey Society, New York (1990)
Elected, Fellow of American Academy of Arts and Sciences (1991)
Honorary Doctorate of Science, Yale University (1991)
Elected, Fellow of the Royal Society of London (1992)
Elected, Foreign Associate, National Academy of Sciences (1993)
Elected, Fellow of the American Academy of Microbiology (1993)
UCSF Women's Faculty Association Award (1995)
University of Chicago Cancer Research Foundation, Simon M. Shubitz Cancer Prize (1996)
Elected, President, American Society for Cell Biology (1998)
Gairdner Foundation Award (1998)
Australia Prize (1998)
le Grand Prix Charles-Leopold Mayer Award (1998)
Passano Award (1999)
Rosenstiel Award (1999)

HONORS (continued)

California Scientist of the Year Award (1999)
Harvey Prize (1999)
Association of American Medical Colleges Award for Distinguished Research in the Biomedical Sciences (1999)
Novartis-Drew Award for Biomedical Science (1999)
Keio University Medical Science Fund Prize (1999)
The Feodor Lynen Award (2000)
American Association for Cancer Research -G.H.A. Clowes Memorial Award (2000)
The Dickson Prize in Medicine (2000)
The Steven and Michele Kirsch Foundation Investigator Fellowship (2000)
American Academy of Achievement (2000)
Elected, Institute of Medicine (2000)
American Cancer Society Medal of Honor (2000)
Elected, Fellow of the American Association for the Advancement of Science (2000)
AACR-Pezcoller Foundation International Award for Cancer Research (2001)
Memorial Sloan-Kettering Cancer Center Katharine Berkan Judd Award Lectureship (2001)
General Motors Cancer Research Foundation Alfred P. Sloan Award (2001)
UCSF OB/GYN Edward Hill Endowed Lectureship (2001)
E.B. Wilson Award, American Society for Cell Biology (2001)
City of Medicine Award (2003)
26th Annual Bristol-Myers Squibb Award for Distinguished Achievement in Cancer Research (2003)
Indiana University School of Medicine Steven C. Beering Award (2003)
The Robert J. and Claire Pasarow Foundation Cancer Award (2003)
Honorary Doctoral Degree, University of Pennsylvania (2004)
Honorary Doctor of Science Degree, Bard College (2004)
Honorary Doctorate Degree, Brandeis University (2004)
Honorary Doctorate Degree, University of Chicago (2004)
Dr. A.H. Heineken Prize for Medicine (2004)
American Society for Cell Biology Public Service Award (2004)
Kirk A. Landon-American Association for Cancer Research Prize for Basic Cancer Research (2005)
Benjamin Franklin Medal in Life Science (2005)
New York Academy of Medicine Medal (2005)
Stanford University Frontiers in Human Embryonic Stem Cells, HESC Pioneer Award (2005)
American Society for Cell Biology Women in Cell Biology Senior Award (2005)
National Cancer Institute Alfred G. Knudson Award (2006)
Fifth annual Wiley Prize in Biomedical Sciences (2006)
Honorary Doctorate of Science Degree: Harvard University (2006)
Albert Lasker Award for Basic Medical Research (2006)
The Genetics Prize of the Peter Gruber Foundation (2006)
The 25th Meyenburg Prize (2006)
Basic Science Lectureship Award, American Society of Cytopathology (2006)
Elected, American Philosophical Society (2006)
Honorary Doctorate of Science Degree: Princeton University (2007)
Elected, Australian Academy of Science (2007)
Louisa Gross Horwitz Prize (2007)
TIME 100 Most Influential People in the World (2007)
L'Oreal UNESCO For Women In Science Award (2008)
Albany Medical Center Prize in Medicine and Biomedical Research (2008)
Weizmann Women & Science Award: Weizmann Institute of Science (2008)
Paul Ehrlich and Ludwig Darmstaedter Prize (2009)
Pearl Meister Greengard Prize (2009)
Honorary Doctorate of Science Degree: Cambridge University (2009)
Nobel Prize in Physiology or Medicine (2009)
MD Anderson Cancer Center Mike Hogg Award and Lectureship (2009)
Appointed, Companion in the General Division of the Order of Australia (2009)

Elected, Honorary Fellow to the Jesus College, Oxford (2010)
 Honorary Doctor of Science, Oxford University (2011)
 UCSF Medal, University of California San Francisco (2011)
 Inducted, California Hall of Fame (2011)
 American Institute of Chemists Gold Medal (2012)
 Hope Funds for Cancer Research Award of Excellence for Basic Science (2012)
 Lila Gruber Memorial Cancer Research Award (2012)
 Charles Butcher Award in Genomics and Biotechnology (2012)
 Paola S. Timiras Memorial Award for Aging Research (2013)
 Elected, Fellow of the California Academy of Sciences (2013)
 Giants of Cancer Care (2013)

RESEARCH AND PROFESSIONAL EXPERIENCE

7/90–present Professor, Departments of Biochemistry and Biophysics, and Microbiology and Immunology, University of California, San Francisco

7/93–7/99 Chair, Department of Microbiology and Immunology
 University of California, San Francisco

6/86–6/90 Professor, Department of Molecular Biology
 University of California, Berkeley

7/83–6/86 Associate Professor, Department of Molecular Biology
 University of California, Berkeley

7/78–6/83 Assistant Professor, Department of Molecular Biology
 University of California, Berkeley

1/78–6/78 Postdoctoral Fellow, University of California, San Francisco

3/75–9/77 Postdoctoral Fellow with Dr. Joseph G. Gall, Department of Biology,
 Yale University. Support: Anna Fuller Fund Fellowship. Area of Research:
 Chromosome and Telomere DNA structure in *Tetrahymena*.

10/71–9/74 Graduate Research Student, Division of Protein and Nucleic Acid Chemistry, MRC
 Laboratory of Molecular Biology, Cambridge, England. Advisor: Dr. Frederick
 Sanger. Support: Gowrie Travelling Research Scholarship. Commonwealth
 Scholarship Plan (United Kingdom Award). Area of research: Nucleic acid
 sequencing of bacteriophage ϕ x174.

2/70–9/71 Graduate research student enrolled for Master of Science Degree course,
 Department of Biochemistry, University of Melbourne, Australia. Advisor:
 Professor F.J.R. Hird. Support: Commonwealth Scientific and Industrial Research
 Organization Postgraduate Scholarship. Area of research: Mitochondrial
 metabolism.

EDITORIAL BOARDS

2013-present	Special Advisor	Special Advisor to the Editor-in-Chief, <i>Cancer Prevention Research</i>
2011-2013	Member	Editorial Board, <i>Cancer Prevention Research</i>
2009-present	Member	Editorial Board, <i>Cell</i>
2008-present	Member	Editorial Board, <i>Aging</i>
2005-present	Member	Biomed Central Biology Image Library Editorial Board
2003-2004	Member	Editorial Board, <i>Public Library of Science, Biology</i>
2003–2005	Member	Editorial Board, <i>Nucleic Acids Research</i>
2002–2007	Senior Editor	<i>Molecular Cancer Research</i>
2000–2003	Member	BioMed Central Directorate
1992–2004	Associate Editor	<i>Molecular Biology of the Cell</i>
1994	Member	Editorial Board, <i>Genes & Development</i>

1992–1998	Member	Editorial Board, <i>Journal of Eukaryotic Microbiology</i>
1988–present	Member	Editorial Board, <i>Molecular and Cellular Biology</i>
1988–1991	Associate Editor	<i>Journal of Protozoology</i>
1985–1988	Member	Editorial Board, <i>Science</i>
1985–1988	Member	Editorial Board, <i>The Journal of Cell Biology</i>

PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

Public Service

2003–present	Member	California Legislature Senate Rules Committee Stem Cell Research Advisory Panel
2002	Panelist	Informational Hearing on Human Cloning and Stem Cell Research Assembly Select Committee on Biotechnology Sacramento, California
2002–2004	Member	President’s Council on Bioethics

Institutional Advisory Boards and Review Committees

2013-present	Member	Helmsley Center for Genomic Medicine External Scientific Advisory Board
2012-present	Member	Knut and Alice Wallenberg Foundation International Advisory Panel
2012-present	Member	Swiss Institute for Experimental Cancer Research (ISREC) Scientific Advisory Board
2011-present	Member	Tara Oceans Consortium Scientific Advisory Board
2010-present	Member	University of Texas MD Anderson Cancer Center External Advisory Board
2009-present	Member	Faculty of 1000 International Advisory Board
2009-present	Member	Science Policy and Legislative Affairs Committee of the American Association for Cancer Research
2009-present	Member	Gairdner Foundation Medical Advisory Board
2008–2010	Member	The National Academies Committee of Science, Technology, and Law
2008-present	Member	Stand Up to Cancer Scientific Advisory Committee of the American Association for Cancer Research
2008-present	President	Fondation Imagine, Institut de Maladies Génétiques, Scientific Advisory Board
2007-2009	Member	Miller Institute for Basic Research in Science Advisory Board
2005-present	Member	Stanford Cancer Center External Scientific Advisory Board
2005–present	Member	Overseer’s Committee to Visit the Harvard School of Dental Medicine, Harvard University
2003	Member	International Board of Review Alberta Heritage Foundation for Medical Research
2003–2010	Member	Stanford University School of Medicine National Advisory Council
2003–present	Member	Scientific Advisory Board, Huntsman Cancer Research Institute University of Utah, Salt Lake City, Utah
2003–2006	Member	National Institutes of Health / National Institute of Aging National Advisory Council on Aging
2001–present	Non-Resident Fellow	The Salk Institute for Biological Studies
2001–present	Member	Scientific Advisory Board, The Division of Basic Science at the Fred Hutchinson Cancer Research Center (on long term hiatus)
1998–present	Member	Scientific Advisory Board of The Walter and Eliza Hall Institute of Medical Research
1996–present	Member	National Institute on Aging Intramural Program Review Group

1996	Ad Hoc Reviewer	National Institutes of Health Reproductive Endocrinology Study Section
1991 (January)	Member	Howard Hughes Medical Institute Special Review Panel
1991 (May)	Ad Hoc Member	National Institutes of Health General Medicine Council
1987–1990	Member	NIH Study Section on Molecular Cytology
1982–1985	Member	Advisory Panel on Cell Biology, National Science Foundation

Fellowship and Awards Selection Committees

2012-present	Member	Dr. Paul Janssen Award for Biomedical Research Selection Committee
2012-present	Member	Sanofi-Institut Pasteur Awards for Biomedical Research Jury
2010-2012	Member	Royal Society Nomination Committee
2009	Member	Merton Bernfield & Norton B. Gilula Awards Joint Selection Committee, American Society for Cell Biology
2009	Member	American Association for Cancer Research Award for Lifetime Achievement in Cancer Research Selection Committee
2007-2011	Member	Damon Runyon-Rachleff Innovation Award Committee
2008-present	Member	National Academy of Sciences Award in Molecular Biology Selection Committee
2006–2008	Member	American Association for the Advancement of Science Committee on Nominations
2006	Chair	AACR Charlotte Friend Award Committee
2005	Member	AACR Pezcoller Award Committee
2001–2006	Member	Awards Assembly, General Motors Cancer Research Foundation
2001	Chair	AACR-G.H.A. Clowes Memorial Award Selection Committee
2000–2007	Member	Board of Scientific Advisers, The Jane Coffin Childs Memorial Fund for Medical Research
1997	Nominator	MacArthur Foundation Fellows Program
1997	Member	National Academy of Sciences Award in Molecular Biology Selection Committee
1996–1999	Member	American Society for Microbiology Eli Lilly and Company Research Award Selection Committee

Scientific Conference Organizer

2011	Chair	American Association for Cancer Research Conference “Frontiers in Basic Cancer Research”
2009	Co-Chair	American Association for Cancer Research Conference “Frontiers in Basic Cancer Research” Boston, MA
2004	Co-Organizer	American Association for Cancer Research Conference “The Role of Telomeres and Telomerase in Cancer” San Francisco, California
2002	Co-Organizer	American Association for Cancer Research Conference “The Role of Telomeres and Telomerase in Cancer” San Francisco, California
2001	Co-organizer	Cold Spring Harbor Laboratory Meeting “Telomeres and Telomerase”
1999	Co-Organizer	Cold Spring Harbor Laboratory Meeting “Telomeres and Telomerase”

1994 (Oct)	Co-Organizer	Banbury Conference on Telomeres Banbury Center, Cold Spring Harbor Laboratory
1994 (Feb)	Co-Organizer	UCLA-Keystone Symposium on The Eukaryotic Nucleus
1987	Co-Chair	Second International Ciliate Molecular Genetics Conference
1986	Chair	Gordon Conference on Nucleic Acids

Offices held in Scientific Societies

2010-2011	President	American Association for Cancer Research
2009-2010	President-Elect	American Association for Cancer Research
2008-present	Member	Western Council of the American Academy of Arts and Sciences
2008-present	Founding Member	Rosalind Franklin Society
2006–present	Board Member	Board of Directors, American Association for Cancer Research
2006	Chair	Nominating Committee, The American Society for Cell Biology
2004–2009	Member	Women in Cell Biology Committee The American Society for Cell Biology
2000	Board Member	Genetics Society of America
1999	Executive Committee	The American Society for Cell Biology
1998	President	The American Society for Cell Biology
1987–1989	Member	Council of the American Society for Cell Biology Education Committee of the American Society for Cell Biology

Membership in Scientific Societies

2010-present	Associate Member	European Molecular Biology Organization (EMBO)
2010-present	Member	Royal Society of New South Wales
2010-present	Member	Royal Society of Tasmania
2007-present	Member	Australian Academy of Sciences
2001-present	Member	Institute of Medicine
2000–present	Member	American Association for Cancer Research
2000–present	Member	Genetics Society of America
1977–present	Member	American Society for Cell Biology
1993-present	Member	National Academy of Sciences
1992-present	Member	Royal Society of London

RECENT UNIVERSITY ACTIVITIES – Selected University committees and other service

2014	Invited Speaker, Clinical and Translational Research Fellowship Program
2013	Invited Speaker, UCSF Breast Oncology Program
2012	Invited Speaker, National HIV and Aging Day, Gladstone Institute
2012	Invited Speaker, 1st Annual Postdoctoral Symposium Day, Postdoctoral Scholars Association
2012	Invited Speaker, UCSF GEMS Demystifying Medicine Seminar Series <i>Telomeres: From Bench to Bedside to Population Health</i>
2010	Invited Faculty Speaker, UCSF CTSI Predoctoral Research Fellowship Program
2009	Panel Leader, NIH/Office of Research in Women’s Health National Conference at

- the University of California, San Francisco
Telomeres and Aging: A Women's Health Issue
- 2009 Invited Speaker, Helen Diller Family Cancer Research Building Scientific Symposium
- 2009 Invited Speaker, Women's Health Today series, sponsored by UCSF Center for Gender Equity and The Center of Excellence in Women's Health
Don't 'Cell' Yourself Short: How Lifestyle Affects Your Cells and Your Health
- 2008 Member, Chancellor's Advisory Committee on the Status of Women Panel Discussion
Wise Women: Lessons Learned along the Academic Road
- 2008 Member, Ad-hoc Review Committee
- 2007-present Member, California Institute for Quantitative Biosciences (QB3) UCSF Executive Committee
- 2007-present Member, UCSF siRNA Consortium
- 2005-2008 Co-chair, UCSF Strategic Planning Board
- 2005-2010 Committee member, Human Gamete, Embryo, and Stem Cell Research Committee
- 2004 Invited Speaker, UCSF Pulmonary Research Retreat
- 2003 Panel leader, UCSF Foundation Wellness Lecture
Women in Science: From Discoveries to Cures
- 2002–2006 Member, UCSF Cancer Research Institute Advancement, Promotions and Merit Committee
- 2001–2002 Co-Chair, Department of Biochemistry and Biophysics Search Committee
- 2001–present UCSF Helen Diller Comprehensive Cancer Center Executive Committee
- 2001 Speaker, UC Berkeley Diversity Outreach Program
- 2000 Poster Session Faculty Reviewer, Graduate Students Association Career/Research Day
- 1999 Speaker, Mission Bay Groundbreaking-UCSF Foundation Wellness Lecture
- 1999 UCSF Graduate Division Commencement Speaker
- 1999 Gladstone Institute of Virology and Immunology Scientific Advisory Board
 San Francisco General Hospital
- 1999–present Steering Committee, Cell Cycle Disregulation Program
 UCSF Comprehensive Cancer Center
- 1993–1999 Chair, Department of Microbiology and Immunology
- 1999–present Member, Genitourinary Oncology Program
 UCSF Comprehensive Cancer Center
- 1998–1999 Member, Pathology Chair Search Committee
- 1998 Panel member, Women Faculty Leadership Seminar Series
- 1997–present Member, Qualifying Exam Committee, Department of Biochemistry and Biophysics:
 Oren Beske, Michael Cronin, Seiko Ishida, Steve Landt, Marion Shonn, Stephanie Wang, Jessica Blumstein, Emmit Jolly, Alan Cheng, Carolyn Ott, Tania Gonzalez, Tracy Boswell Fulton, Tamara Brenner

- 1997–present Member Executive Committee, Science & Health Education Partnership Program
- 1997–present Member, Biomedical Sciences Program (BMS) faculty
- 1997–present Member, UCSF AIDS Research Institute Steering Committee
- 1996–present Member, Breast Oncology Program.
UCSF Comprehensive Cancer Center
- 1996–1998 Chair, "Take our Daughters to Work Day"
- 1996–present Member, School of Medicine Fundraising Advisory Council
- 1996–1998 Member, Parent Search Committee, UCSF Cancer Center
- 1996–1997 Member, UCSF Strategic Planning Board
- 1996 Ad Hoc Member, Resource Generation and Allocation Working Group of the
Strategic Planning Board
- 1996 AIDS Programs Planning Task Force
- 1996 Member, Ad Hoc Committee, Advise Dean regarding selection of new Chair of the
Department of Anatomy
- 1996 Member, Rheumatology Division Search Committee, SFGH
- 1996 Member, Qualifying Exam Committee, Department of Biochemistry and Biophysics:
Jennifer Frazier, David Tobin, Meghan Sharp, Tracy Cao, Maki Inada, Javier
Apfeld, Kent Duncan, Julia Owens, Oren Beske
- 1996 Member, Selection Committee, Herbert Boyer Distinguished Professor of
Biochemistry
- 1996 Member, Planning Committee, Future of the "Second Campus" of UCSF
- 1996 Cancer Research Institute, Chair of Search Committee for Director
- 1996 UCSF Cancer Center, Search Committee for Cancer Cell Biology
- 1994–present Graduate Admissions Committee, Biochemistry/Biophysics and PIBS
- 1994–1996 Dean's Executive Committee
- 1994–1995 Department of Biochemistry Committee for Selection of Training Grant Postdoctoral
Fellows
- 1994–1995 Department of Biochemistry Committee on Postdoctoral Affairs
- 1994 Search Committee for Dean of School of Dentistry
- 1994 Planning Committee for School of Medicine 1995 Leadership Retreat
- 1993–present Chair, Committee for Development of Educational Materials based on
"Winding your Way Through DNA" Symposium
- 1992–1993 Vice-Chair, Department of Microbiology and Immunology
- 1992 Department of Biochemistry Committee to Select Training Grant Postdoctoral Fellows
- 1991–1992 Department of Biochemistry Committee on Postdoctoral Affairs
- 1990–1991 Human Genetics Planning Task Force

INVITED TALKS AT SCIENTIFIC MEETINGS (1982–present)

- October 2013 Harvard School of Public Health Symposium, “Stress and Health Disparities: Merging
Laboratory, Clinical and Population Scientific Approaches”
Invited Speaker
Boston, MA

- October 2013 International Federation of Fertility Society/American Society for Reproductive Medicine
Conjoint Meeting
Presidential Lecture
Boston, MA
- September 2013 9th World Conference on the Future of Science
Italian Association for Cancer Research Lecture
Venice, Italy
- September 2013 Belgian Royal Academy of Medicine Symposia, “Successful Aging”
Invited Speaker
Brussels, Belgium
- June 2013 Institute for Cancer and Aging, Nice (IRCAN) Symposium, “Cancer and Aging”
Keynote Speaker
Nice, France
- June 2013 Keynote Speaker
PsychoNeuroImmunology Research Society Conference
Stockholm, Sweden
- May 2013 Invited Speaker
American Psychiatric Association 166th Annual Meeting
San Francisco, CA
- December 2012 Invited Speaker
World Health Organization Technical Meeting, “Measurement of Healthy Life
Expectancy and Wellbeing”
Geneva, Switzerland
- November 2012 Invited Speaker
New Century Health Care Promotion Foundation Annual Symposium
Taipei, Taiwan
- November 2012 Distinguished Speaker
Frontiers in Cancer Science 2012
Singapore
- November 2012 Distinguished Speaker
AstraZeneca Nobel Medicine Initiative
Seoul, South Korea
- October 2012 Invited Speaker
EMBO Workshop, “Telomeres and The DNA Damage Response”
Avignon, France
- September 2012 Invited Speaker, Session Chair

International Society of Psychoneuroendocrinology 42nd Annual Conference
New York, NY

- August 2012 Invite Speaker
Union for International Cancer Control 2012 World Cancer Congress
Montreal, Canada
- August 2012 Plenary Lecturer
Alpbach Technology Forum
Alpbach, Austria
- March 2012 Invited Speaker
American Association for Cancer Research Annual Meeting
Washington, DC
- December 2011 Invited Speaker
2011 American Society of Hematology Annual Meeting
San Diego, CA
- October 2011 Invited Speaker
EMBO Members Workshop
Heidelberg, Germany
- September 2011 Invited Speaker
Fondation ISREC symposium, “Hallmarks and Horizons of Cancer”
Lausanne, Switzerland
- September 2011 Keynote Speaker
EMBO Workshop, “Chromosome Structure, Damage and Repair”
Cape Sounio, Greece
- June 2011 ASCO/AACR Joint Lecture
American Society for Clinical Oncology (ASCO) Annual Meeting
Chicago, Illinois
- June 2011 Invited Speaker
61st Meeting of Nobel Laureates at Lindau
Lindau, Germany
- May 2011 The European Mendel Distinguished Lecture
European Society for Human Genetics Meeting
Amsterdam, Netherlands
- May 2011 Invited Speaker
Swedish Society of Medicine Berzelius Symposium No. 85, “Telomere biology in health
disease – a crystal ball for the future?”
Stockholm, Sweden

May 2011 Invited Speaker
The Operon Model and its Impact on Modern Molecular Biology
Institut Pasteur, Paris, France

May 2011 Keynote Speaker
Young Researchers in Life Sciences Congress
Institut Pasteur, Paris, France

May 2011 Invited Speaker
Cold Springs Harbor Laboratory meeting on Telomeres and Telomerase
Cold Springs Harbor, NY

April 2011 Invited Speaker
American Association for Cancer Research Annual Meeting
Washington, DC

November 2010 Invited Speaker
“Our Common Future” Joint Conference
Hannover, Germany

September 2010 Invited Speaker
Annual Symposium of the Federative Institute Genomes, Transcriptomes, Proteomes
(IFR115)
Orsay, France

September 2010 Invited Speaker
EMBO Meeting, “Telomeres and DNA Damage Response”
Marseille, France

September 2010 Keynote Speaker
The EMBO Meeting 2010
Barcelona, Spain

June 2010 Invited Speaker
Advances in Neuroblastoma Research 2010
Stockholm, Sweden

June 2010 Invited Speaker
21st Meeting of the European Association for Cancer Research (EACR21)
Oslo, Norway

June 2010 Invited Speaker
35th FEBS Congress: Molecules of Life
Gothenberg, Sweden

April 2010 Invited Speaker
American Association for Cancer Research Annual Meeting
Washington, DC

- March 2010 Invited Speaker
Royal College of Pathologists of Australasia, Pathology Update 2010
Melbourne, Australia
- October 2009 Invited Speaker and Conference Chair
2009 American Association for Cancer Research Frontiers in Basic Cancer Research
Conference
Boston, MA
- September 2009 Keynote Speaker
2009 MCDB Symposium and Retreat
Santa Barbara, CA
- September 2009 Invited Speaker
The 17th Jerusalem Fall School in Life Sciences: Nuclear Organization and Dynamics
Jerusalem, Israel
- July 2009 Invited Speaker
40th Annual International Society of Psychoneuroendocrinology (ISPNE) Conference
San Francisco, CA
- May 2009 Invited Speaker
NIH Office of Research on Women's Health Conference
San Francisco, CA
- April 2009 Distinguished Lecturer
International Association for Dental Research 87th General Session
Miami, FL
- February 2009 Invited Speaker
UCSF-GIVI Center for AIDS Research External Advisory Committee Meeting
San Francisco, CA
- October 2008 Invited Speaker
Institute of Medicine Annual Meeting, "Is Biology Destiny?"
Washington, DC
- September 2008 Invited Speaker
Cold Springs Harbor Laboratory meeting on Molecular Genetics of Aging
Cold Springs Harbor, NY
- September 2008 Keynote Speaker
HMRI Conference on Translational Cancer Research
Newcastle, NSW, Australia
- July 2008 Plenary Speaker
American Association for Clinical Chemistry Annual Meeting

Washington, DC

July 2008 Invited Speaker
Ninth International Symposium on Neurobiology and Neuroendocrinology of Aging
Bregenz, Austria

July 2008 Plenary Speaker
XX International Conference on Genetics
Berlin, Germany

June 2008 Keynote Speaker
Gordon Research Conference on Nucleic Acids
Newport, RI

December 2007 Invited Speaker
AACR Conference, “The Role of Telomeres and Telomerase in Cancer Research”
San Francisco, CA

Sept 2007 Invited Speaker
Symposium on Telomeres, Telomerase and Genome Stability
Lund, Sweden

May 2007 Keynote Speaker
Paul F. Glenn Laboratories 2007 Symposium on Aging
Boston, MA

May 2007 Invited Speaker
Cold Springs Harbor Laboratory meeting on Telomeres & Telomerase
Cold Springs Harbor, NY

May 2007 Invited Speaker
ASBMB 2007 Symposia on The Signaling Pathways Controlling Cell Structure and Fate
Washington, DC

April 2007 Keynote Speaker
Eleventh Annual International Conference on Research in Computational Molecular
Biology, RECOMB 2007
Oakland, CA

March 2007 Invited Speaker
Retrotransposition, diversity and the brain, IPSEN
Paris

March 2007 Plenary Speaker
Scientific meeting of the Society for Gynecological Investigation
Reno, Nevada

February 2007 Invited Speaker

AACR Translational Research Conference
San Diego, CA

January 2007 Keynote Speaker
Stem Cells and Regenerative Medicine 2007 San Francisco Meeting
San Francisco, CA

January 2007 Keynote Speaker
Pacific Symposium on Biocomputing
Maui, Hawaii

November 2006 Invited Speaker and Session Chair
Josef Steiner-CNIO Cancer Conference: “Telomeres and Telomerase”
Madrid, Spain

November 2006 Invited Speaker
American Philosophical Society Autumn General Meeting
San Francisco, California

November 2006 Basic Science Lecture
American Society of Cytopathology 54th Annual Scientific Meeting
Toronto, Canada

November 2006 Invited Speaker
2006 Vienna Biocenter Student Symposium “Timing Age”
Research Institute of Molecular Pathology, Vienna, Austria

September 2006 Invited Speaker
Longevity and Optimal Health: Integrating Eastern and Western Perspectives
Columbia Integrative Medicine Program, Phoenicia, New York

September 2006 Plenary Lecturer
Applied Biosciences Asilomar Conference
Pacific Grove, California

August 2006 Plenary Speaker
11th International Congress of Human Genetics
Brisbane, Australia

May 2006 Reginald Harris Lecture
Cold Spring Harbor Lab 71st Symposium on Quantitative Biology: Regulatory RNAs
Cold Spring Harbor, New York

April 2006 Invited Speaker
Beyond the Human Genome: Deciphering Biology and Disease
The Royal Society of Edinburgh/Caledonian Research Foundation, Scotland

April 2006 Plenary Speaker

Telomeres and Senescence Symposium, Experimental Biology 2006
ASBMB Annual Meeting, San Francisco, California

- April 2006 Invited Speaker
Scientific Integrity Symposium, Experimental Biology 2006
ASBMB Annual Meeting, San Francisco, California
- March 2006 Invited Speaker
An Unexpected Life in Science: A Symposium in Honor of J. Michael Bishop
San Francisco, California
- March 2006 Invited Speaker
HealthCare Ventures 8th Annual Scientific Advisory Board Retreat
Miami, Florida
- February 2006 Leach Lecture
31st Annual Lorne Conference on Protein Structure and Function
Lorne, Australia
- February 2006 Plenary Lecture
18th Annual Lorne Cancer Conference
Lorne, Australia
- October 2005 Invited Speaker and Workshop Chair
Keystone Meeting: Stem Cells, Senescence and Cancer
Singapore
- October 2005 Invited Speaker
2005 Buck Institute Symposia on Aging: Pharmacology of Lifespan Extension
Novato, California
- September 2005 Invited Speaker
First World Conference on the Future of Science
Venezia, Italy
- September 2005 Keynote Speaker
19th International Pigment Cell Conference
Reston, Virginia
- July 2005 Invited Speaker
American Association for Cancer Research Foundation
Los Angeles, California
- May 2005 Invited Speaker and Session Co-Chair
Cold Spring Harbor Meeting on Telomeres and Telomerase
Cold Spring Harbor Laboratories, Cold Spring Harbor, New York
- May 2005 Invited speaker

22nd International Human Papillomavirus Conference
Vancouver, British Columbia

- April 2005 Keynote Speaker
Blackburn Symposium on Chromosome Stability
Drexel University College of Medicine and the Franklin Institute, Philadelphia, PA
- February 2005 Invited Speaker
Longevity Consortium Symposium
San Francisco, California
- February 2005 Invited Speaker and Session Chair
Keystone Symposium: Cancer and Development
Banff, Alberta, Canada
- January 2005 Invited Speaker and Session Chair
Gordon Research Conference on Mammalian DNA Repair
Ventura, California
- December 2004 Plenary Lecturer
27th Annual San Antonio Breast Cancer Symposium
San Antonio, Texas
- November 2004 Invited Speaker
41st Nobel Conference: Oxygen Biology
Stockholm, Sweden
- November 2004 Keynote Speaker
American Association for Cancer Research Special Conference:
The Roles of Telomeres and Telomerase in Cancer, San Francisco, California
- October 2004 Invited Speaker
Institute of Medicine Annual Meeting: Longevity and Health
Washington, D.C.
- October 2004 Invited Speaker
Nobel Symposium 130: Molecular Mechanisms of Biological Processes
Tällberg, Sweden
- October 2004 Keynote Speaker
Environmental Mutagen Society Annual Meeting
Pittsburgh, Pennsylvania
- September 2004 Invited Speaker
Telomerase and Aging Session, International Society of Differentiation Meeting
Honolulu, Hawaii
- June 2004 Session Moderator

General Motors Cancer Research Foundation Annual Scientific Conference
National Institutes of Health, Bethesda, Maryland

- May 2004 Morton I. Grossman Distinguished Lectureship
American Gastroenterological Association's Digestive Disease Week
New Orleans, Louisiana
- March 2004 Opening Plenary Session Speaker
American Association for Cancer Research 95th Annual Meeting
Orlando, Florida
- October 2003 Invited Speaker
Symposium on RNA Biology V: RNA Tools and Targets
North Carolina Biotechnology Center, Research Triangle, North Carolina
- October 2003 Invited Speaker
Oncology Drug Discovery Cancer Colloquium
Bristol-Myers Squibb, Princeton Facility, Princeton, New Jersey
- September 2003 Plenary Lecturer and Invited Symposium Speaker
ComBio 2003, Symposium on Cell Division and Dynamics of the Nucleus,
Melbourne, Australia
- July 2003 Invited Speaker
XIX International Congress of Genetics, Telomeres Session
Melbourne, Australia
- June 2003 Invited Speaker
Student Achievement's "Adventures of the Mind" Conference
Seattle, Washington
- June 2003 Invited Speaker
LVMH Symposium on Aging and Macromolecules: Influence of Oxidative Stress
Paris, France
- May 2003 Invited Participant
Lasker Foundation Millennial Forum of Ethical Challenges in
Biomedical Research and Practice, Washington, D.C.
- April 2003 Session Co-Chair
Cold Spring Harbor Meeting on Telomeres and Telomerase
Cold Spring Harbor Laboratories, Cold Spring Harbor, New York
- April 2003 Invited Speaker
DNA: 50 Years of the Double Helix
Medical Research Council Laboratory of Molecular Biology Symposium
Cambridge, England

- April 2003 Invited Speaker
Royal Society Discussion Meeting on
Replicating and reshaping DNA: a celebration of the jubilee of the double helix
London, England
- April 2003 Invited Speaker
American Association for Cancer Research 94th Annual Meeting
Telomeres and Telomerase in Tumor Initiation and Growth Symposium
Toronto, Canada
- December 2002 Meeting co-organizer and Invited Speaker
American Association for Cancer Research Special Meeting on
“The Role of Telomeres and Telomerase in Cancer”
San Francisco, California
- October 2002 Invited Speaker
Jane Coffin Childs Fund Symposium “Challenges in Biomedical Sciences”
Lakeville, Connecticut
- October 2002 Keynote Speaker
Van Andel Research Institute Symposium: Cancer Intervention 2002
Grand Rapids, Michigan
- July 2002 Invited Speaker
Longevity Consortium Symposium
Annapolis, Maryland
- June 2002 Invited Speaker
NIH/NIGMS Workshop on the Basic Biology of Mammalian Stem Cells
Bethesda, Maryland
- June 2002 Invited Speaker
Nucleic Acids Gordon Conference
Bristol, Rhode Island
- May 2002 Invited Speaker
American Society for Clinical Oncology Presidential Symposium, Biology of Cancer
Orlando, Florida
- February 2002 Invited Speaker
Longevity Consortium Symposium
Napa Valley, California
- January 2002 Invited Speaker
Keystone Symposium, Genomics and Genetics of Senescence and Cancer
Keystone, Colorado
- December 2001 The E.B. Wilson Award Lecture

American Society for Cell Biology 41st Annual Meeting
Washington D.C.

- June 2001 Invited Speaker
International Conference on Heterochromatin
Cortona, Italy
- March 2001 Invited Speaker
Second International Conference on Proteins that Bind RNA
Austin/Lake Travis, Texas
- January 2001 Plenary Lecturer
National Cancer Institute Combined Intramural Principal Investigators Retreat
Chantilly, Virginia
- December 2000 Invited Speaker
College Program, American Society for Cell Biology 40th Annual Meeting
San Francisco, California
- November 2000 Keynote Speaker
Eli Lilly/Indiana University Symposium
Indianapolis, Indiana
- October 2000 Keynote Speaker
XVIII Whitehead Symposium: Molecular Machines
Whitehead Institute, Cambridge, Massachusetts
- September 2000 Invited Speaker
Van Andel Research Institute Symposium: Cancer and Molecular Genetics in the
Twenty-first Century”, Grand Rapids, Michigan
- July 2000 Invited Speaker
2nd Annual Conference of SAPA West “Biopharma: March into the New
Millennium”
South San Francisco, California
- June 2000 Invited Speaker
Geron Symposium No. 3: Telomerase and Telomere Dynamics in Cancer and Aging
San Francisco, California
- June 2000 Plenary Lecturer
American Society for Biochemistry and Molecular Biology Annual Meeting
“Cell Growth, Metabolism, and Disease”
Boston, Massachusetts
- June 2000 Invited Speaker
Cold Spring Harbor Symposium on Quantitative Biology
65th Symposium “Biological Responses to DNA Damage”

Cold Spring Harbor, New York

- April 2000 Invited Speaker
American Association for Cancer Research
AACR-G.H.A. Clowes Memorial Award Lecture
San Francisco, California
- April 2000 Invited Speaker
Keystone Symposium “The Keystone Millennium”
“Evolution of Bioinformation” and “The Cell”
Keystone, Colorado
- February 2000 Invited Speaker
Wonderfest 2000
San Francisco, California
- February 2000 Invited Speaker
Miami Nature Biotechnology Winter Symposium “DNA, RNA, and Cancer”
The Feodor Lynen Award Lecture, Miami Beach, Florida
- November 1999 Invited Speaker
Symposium “RNA-containing Molecular Machinery: Spliceosomes, Telomerase,
and Ribonucleases.” Novartis Institute for Biomedical Research and Drew
University, New Jersey
- October 1999 Invited Speaker
“Minds that Matter: Cancer in the Next Decade”
The 40th Anniversary of the Gairdner Foundation International Awards
Toronto, Canada
- October 1999 Invited Speaker
Nobel Conference XXXV, “Genetics in the New Millennium”
Gustavus Adolphus College, Saint Peter, Minnesota
- May 1999 Keynote Speaker, “California Scientist of the Year 1999”
California State Science Fair
California Science Center, Los Angeles, California
- March 1999 Co-Organizer and Speaker
Cold Spring Harbor Meeting on Telomeres and Telomerase
Cold Spring Harbor Laboratories, Cold Spring Harbor, New York
- February 1999 Invited Speaker
Keystone Symposia on Molecular and Cellular Biology
Molecular Mechanisms in DNA Replication and Recombination
Taos, New Mexico
- February 1999 Co-Organizer and Co-Moderator
National Academy of Sciences Regional Meeting

University of California, San Francisco
San Francisco, California

- February 1999 Invited Speaker
National Institutes of Health Workshop
“Chromatin Transcription and DNA Replication”
Bethesda, Maryland
- August 1998 Invited Speaker
Third Congress of the Asian Pacific Organization for Cell Biology
Osaka, Japan
- August 1998 Invited Speaker and Session Moderator
Geron Symposium II: Telomerase and Telomere Dynamics in Cancer and Aging
Maui, Hawaii
- July 1998 Plenary Symposium Invited Speaker
27th Annual Meeting of the International Society for Experimental Hematology
Vancouver, BC, Canada
- July 1998 Invited Speaker
Twelfth Symposium of the Protein Society
San Diego, California
- June 1998 Invited Speaker and Session Chair
DNA Replication
Nucleic Acids Gordon Research Conference
Salve Regina University, Newport, Rhode Island
- August 1997 Invited Speaker and Session Chair
DNA: The 3R's - Repair, Recombination and Replication
17th International Congress of Biochemistry and Molecular Biology
1997 Annual Meeting of the American Society for Biochemistry and
Molecular Biology, San Francisco, California
- August 1997 Invited Speaker
The Salk Institute
Oncogenes & Growth Control Meeting
San Diego, California
- March 1997 Invited Keynote Speaker
Howard Hughes Medical Institute Scientific Meeting
Gene Regulation in Health and Disease
Chevy Chase, Maryland
- February 1997 Invited Speaker
Ciba Foundation Symposium No. 211
Telomeres and Telomerase
London, England

- January 1997 Plenary Lecturer
International Plant & Animal Genome Conference V
Status of Plant & Animal Research
San Diego, California
- December 1996 Invited Participant and Concurrent Symposium Co-Chair
36th American Society for Cell Biology Annual Meeting
San Francisco, California
- November 1996 Invited Participant and Session Chair
Banbury Center Conference on Telomeres and Telomerase
Cold Spring Harbor, New York
- October 1996 Keynote Speaker
Lost Pines Molecular Biology Conference
Lost Pines, Texas
- August 1996 Invited Speaker
Geron Telomerase and Cancer Symposium: Telomere & Telomerase Biochemistry
Hawaii
- July 1996 Session Chair and Invited Speaker
Gordon Research Conference on Molecular Genetics
Dynamics of Chromosome Maintenance
Newport, Rhode Island
- June 1996 Discussion Leader and Speaker
FASEB Summer Research Conference
Enzymes That Act on Nucleic Acids
Saxtons River, Vermont
- May 1996 Invited Speaker
I.M.P. Spring Conference
"Chromosomes"
Vienna, Austria
- February 1996 Invited Speaker
Keystone Symposia on Molecular & Cellular Biology
Molecular Mechanisms in DNA Replication and Recombination
Taos, New Mexico
- July 1995 Invited Speaker
FASEB Summer Research Conference
Ciliate Molecular Biology Meeting
Copper Mountain, Colorado
- June 1995 Session Chair and Invited Speaker
Gordon Conference on Nucleic Acids

New Hampton, New Hampshire

- April 1995 Invited Speaker
Department of Veterans Affairs
Course in "Concepts in Molecular Medicine"
San Francisco, California
- April 1995 Invited Speaker
Stanford University School of Medicine
Symposium on "The Evolution of Genetic and Developmental Programs"
Stanford, California
- January 1995 Invited Plenary Speaker
UCLA-Keystone Symposium on Ribozymes
Keystone, Colorado
- December 1994 Mini-Symposium Chair
American Society for Cell Biology Meeting
San Francisco, California
- October 1994 Conference Co-Organizer, Session Chair and Speaker
Banbury Conference on "Telomeres"
Banbury Center
Cold Spring Harbor Laboratory, New York
- July 1994 Meeting Co-Organizer, Session Chair and Speaker
Conference on Nuclear Proteins, Gene Regulation and Chromatin
Title of talk "Telomeres and Telomerases"
Tamarron, Colorado
- July 1994 Invited Speaker
Gordon Research Conference
Tilton, New Hampshire
- June 1993 Session Chair and Speaker
Cold Spring Harbor Symposium on DNA and
Chromosomes
- June 1993 Invited Speaker and Plenary Lecturer
ASBMB annual meeting
San Diego, California
- May 1993 Invited Speaker
Yakult International Symposium on RNA Structure and Function
Tokyo, Japan
- October 1992 Invited Speaker

Symposium on RNA function and metabolism
Foundation for Advanced Cancer Studies
Frederick, Maryland

- September 1992 Symposium Session Host
"Winding Your Way Through DNA"
UCSF/Exploratorium-San Francisco
- July 1992 Invited Speaker and Session Chair
Gordon Conference on Chromatin
- June 1992 Invited Speaker and Session Chair
Gordon Conference on Nucleic Acids
- January 1992 Invited Speaker, Plenary Session
Keystone Symposium on molecular mechanisms of DNA replication and
recombination, Taos, New Mexico
- January 1992 National Institutes of Health
General Medicine Council
- October 1991 Invited Plenary Lecturer
International Congress of Human Genetics
Washington, D.C.
- October 1991 Invited Speaker
Ninth Whitehead Symposium, "Biological Functions of RNA"
Massachusetts Institute of Technology, Whitehead Institute
Cambridge, Massachusetts
- June 1991 Invited Speaker
Nucleic Acids Gordon Conference
- May 1991 Session Chair and Speaker
RNA Processing Meeting
Cold Spring Harbor, New York
- April 1991 Symposium Chair and Speaker
FASEB Meeting
Atlanta, Georgia
- February 1991 Invited Speaker
UCLA Symposium on RNA Introns and Evolution
Taos, New Mexico
- December 1990 Invited Session Chair and major symposium Speaker
American Society for Cell Biology
San Diego, California

- July 1990 Speaker and Session Chair, Gordon Conference on Nuclear Protein Chromosome Structure and Gene Regulation, Tilton School New Hampshire
- January 1990 Workshop on Telomeres, Hereditary Disease Foundation Santa Monica, California
- December 1989 Invited Participant, "RNA Relics" Department of Biochemistry, University of California, San Francisco
- September 1989 Speaker and Session Chair Chromosome Structure and Segregation, American Society for Cell Biology Conference, Airlie House, Virginia
- August 1989 Speaker and Session Chair, Gordon Conference on Ciliate Molecular Genetics, Colby-Sawyer College, New Hampshire
- July 1989 Commonwealth Scientific and Industrial Research Organization Division of Plant Sciences, Canberra, Australia
- July 1989 Walter and Eliza Hall Institute for Medical Research Melbourne, Australia
- July 1989 Keynote Speaker, 1989 Annual General Meeting, Genetics Society of Australia, Sydney, Australia
- July 1989 Genetics Society of America, Atlanta, Georgia (declined)
- June 1989 Gordon Conference on Extrachromosomal Elements Colby-Sawyer College, New Hampshire
- April 1989 UCLA Symposium on Molecular and Cellular Biology of Yeasts and Filamentous Fungi, Steamboat Springs, Colorado (declined)
- March 1989 UCLA Symposium on Molecular Mechanisms in DNA Replication and Recombination, Keystone, Colorado
- March 1989 4th ICN-UCI Symposium: Protein-Nucleic Acid Interaction in Gene Expression Dana Point, California
- September 1988 Cold Spring Harbor Meeting on Ribosome Synthesis Cold Spring Harbor, New York
- August 1988 Speaker in Symposium and workshop sessions of XVth International Genetics Congress, Toronto, Canada
- May 1988 Eli Lilly Award Address, American Society for Microbiology Meeting Miami, Florida

- May 1988 Speaker in RNA Processing Session, American Society for Microbiology Meeting, Miami, Florida
- April 1988 Speaker and Session Chair, UCLA Symposium on RNA-Protein Interactions Keystone, Colorado
- January 1988 Symposium on Structural Biology
Department of Chemistry, University of California, Berkeley
- August 1987 Co-Chairperson, 2nd International Conference on Ciliate Molecular Genetics
Clark-Kerr Campus Conference Center, Berkeley, California
- August 1986 Fifth Summer Symposium in Molecular Biology: the Nucleus
Pennsylvania State University, Pennsylvania (declined)
- June 1986 38th Annual Meeting of the Society for Protozoology
Kingston, Rhode Island
- June 1986 Chairperson, Gordon Conference on Nucleic Acids
New Hampton School, New Hampshire
- March 1986 UCLA Symposium on Molecular Approaches to Developmental Biology
Keystone, Colorado
- January 1986 UCLA Symposium on Molecular Strategies of Parasitic Invasion
Park City, Utah
- July 1985 Speaker and Session Chair, Gordon Conference on Developmental Biology
New Hampshire
- May 1985 Cold Spring Harbor Meeting on Chromosome Structure and Expression
Cold Spring Harbor, New York
- April 1985 Symposium Speaker and Chair, FASEB Meeting
Anaheim, California
- August 1984 Satellite Symposium of the Third International Conference on Cell Biology:
Organization and Function of the Genome
Shanghai Institute of Cell Biology, Shanghai, China
- June 1984 43rd Annual Symposium of the Developmental Society on Molecular
Developmental Biology, Columbia University, New York
- May 1984 Gordon Conference on Nucleic Acids
New Hampton School, New Hampshire
- April 1984 UCLA Symposium on Genome Rearrangements

Steamboat Springs, Colorado

- Jan 1983 Arrowhead Western U.S. Genetics Meeting
Arrowhead, California
- July 1982 Ciliate Genetics and Molecular Biology Conference
Laramie, Wyoming
- June 1982 Gordon Conference on Biological Regulatory Mechanisms, New Hampshire
- June 1982 Cold Spring Harbor Symposium on DNA Structure
Cold Spring Harbor, New York

INVITED SEMINARS/LECTURES (1982–present)

- 2014** Biennial Lecture of the Paul S. Glenn Laboratories for the Biology of Science,
Berkeley, CA
- 2013** Roy M. Huffington Distinguished Lecturer, Baylor College of Medicine, Houston, TX
Invited Speaker, Rae Dorough Speaker Series, Livermore, CA
Paolo Timiras Memorial Award for Aging Research Annual Lecture, UC Berkeley
Center for Research & Education on Aging, Berkeley, CA
Keynote Speaker, University of Hawaii Cancer Center Grand Opening, Honolulu,
Hawaii
Keynote Speaker, University of Hawaii Cancer Center 5th Annual Translational
Symposium, Honolulu, Hawaii
Invited Speaker, 2nd Annual March of Dimes Lecture, Salk Institute for Biological
Studies, La Jolla, CA
Invited Speaker, University of California, San Diego Moores Cancer Center Director's
Seminar, San Diego, CA
Invited Speaker, Burdette Distinguished Lecture Series, University of Texas at Austin,
Austin, Texas
Invited Speaker, The Biozentrum of the University of Basel, Switzerland
Invited Speaker, Annual Hawke Lecture, Bob Hawke Prime Ministerial Centre,
University of South Australia, Adelaide, Australia
Invited Speaker, Royal Society of London, London, United Kingdom
Invited Speaker, Schrödinger Lecture, Imperial College London, London, United
Kingdom
- 2012** Invited Speaker, Genentech, Inc., San Francisco, CA
Lila Gruber Memorial Cancer Research Award and Lectureship, San Diego, CA
American Institute of Chemists 2012 AIC Gold Medal Award and Lecture, Chemical
Heritage Foundation, Philadelphia, PA
Invited Speaker, BioScience Forum, South San Francisco, CA
Invited Speaker, Knight Cancer Institute Seminar Series, Oregon Health and Science
University, Portland, OR
2012 Lerner Lecture Keynote Speaker, Cleveland Clinic, Lerner Research Institute,
Cleveland, OH
Hooked on Science Lecture Tour, Invited Speaker, 5 lectures in Sydney, Brisbane,
Canberra, Hobart and Melbourne, Australia
Invited Speaker, Lyceum Club, Melbourne, Australia
Invited Speaker, "The Materials of Life", University of Melbourne, Australia
Women in Medical Research Colloquium, "Passionate Minds", Plenary Address,
University of Melbourne, Australia

Hope Funds for Cancer Research Award Lecture, Newport, Rhode Island
Butcher Award Symposium, BioFrontiers Institute, University of Colorado, Denver,
CO
Endowed Lecture, University of Colorado Anschutz Medical Campus, Aurora, CO
Invited Speaker, 7th Vienna Seminar of Nobel Laureates, Vienna, Austria

2011 ARCS Foundation 40th Anniversary Celebration, Invited Speaker, San Francisco, CA
2011 Gerald and Sally DeNardo Lectureship, Santa Clara University, Santa Clara, CA
Katherine Delmar Burke School, Invited Speaker, San Francisco, CA
2011 Benning Distinguished Public Lectureship in Medicine, University of Utah
School of Medicine, Salt Lake City, Utah
Yale Bicentennial Symposium, Invited Speaker, Yale University, New Haven,
Connecticut
University of Iceland, Invited Speaker, Reyjavik, Iceland
Fondazione Sandretto Re Rebaudengo StellaRe Prize, Invited Speaker and Awardee,
Turin, Italy
Institute for Cancer Research and Treatment (IRCC), Invited Speaker, Candiolo, Italy
625th Anniversary of the Ruprecht-Karl University, Invited Speaker, Heidelberg,
Germany
Curie Institute, Invited Speaker, Paris, France
Hungarian Academy of Science, Invited Speaker, Budapest, Hungary
ETH Zurich, Invited Speaker, PhD Lecture series, Zurich, Switzerland
University of Hong Kong, Invited Speaker, Hong Kong, China

2010 Mike Hogg Award and Lecture, MD Anderson Cancer Center, Houston, TX
37th Annual EMD Chemicals-UCSD Lectureship Series, University of California, San
Diego, San Diego, CA
2010 Dean's Lecture, Faculty of Medicine, Nursing and Health Sciences, Monash
University, Melbourne, Australia
University of Melbourne, Invited Speaker, Melbourne, Australia
University of Melbourne Public Forum: Women in Research, Keynote Speaker,
Melbourne, Australia
John Monash Science School, Invited Speaker, Melbourne, Australia
University of Sydney, Invited Speaker, Sydney, Australia
University College London, Invited Speaker, London, England
2010 Norman Heatley Lecture, University of Oxford, Oxford, England
2010 Rodney Porter Memorial Lecture, University of Oxford, Oxford, England
Oxford Jesus College, University of Oxford, Visiting Speaker, Oxford, England
2010 Peter Garland Lecture, University of Dundee, Dundee, Scotland
Oxford Union Society, Invited Speaker, Oxford, England

2009 Cell Press-TnQ Distinguished Lecture Series, Bangalore, Hyderabad and Delhi, India
Paul Ehrlich- and Ludwig Darmstaedter Award Lecture, Frankfurt, Germany
Perspective Lecture Series, Invited Speaker, Frankfurt, Germany
Regenerative Medicine Seminar Series, Baxter Lecture, Stanford University, Stanford,
CA
Christian B. Anfinsen Biennial Lectureship, Johns Hopkins University, Baltimore, MD
UCSF Academic Senate Faculty Research Lecturer, University of California, San
Francisco
12th Annual David M. Kipnis Lecture, Washington University in St. Louis, St. Louis,
MO

2008-2009 Annual Science in Medicine Lecture, University of Washington School of Medicine, Seattle, WA
Christian A. Herter Lecture, New York University School of Medicine, New York, NY
American Committee for the Weizmann Institute of Science's Advancing Women in Science Inaugural Luncheon, Invited Speaker and Honoree, San Francisco, CA
Raymond and Beverly Sackler Distinguished Lecture, University of Cambridge, Cambridge, England.
Joseph Coleman Memorial Lecture, Yale University, New Haven, CT
UCSF Department of Epidemiology and Biostatistics Seminar Series, Invited Speaker, San Francisco, CA
Memorial University of Newfoundland, Department of Biochemistry, Invited Speaker, St. John's, Newfoundland, Canada.
Gairdner Foundation 50th Anniversary Celebration, Invited Speaker, Toronto, Ontario, Canada
Institut Pasteur, Invited Seminar, Paris, France
Institut Curie, Invited Seminar, Paris, France
Nobel Lecture, Karolinska Institute, Stockholm, Sweden

2008

David L. Garbers Memorial Lecture, University of Texas Southwestern Medical Center, Dallas, TX
Weizmann Women & Science Award Lecture, Tel Aviv, Israel
Weizmann Institute of Science-National postdoctoral Award Program for Advancing Women in Science, Keynote Address, Tel Aviv, Israel
Anat Krauskopf Lecture, Tel Aviv University, Israel
Vanderbilt University Prize Lecture, Nashville, Tennessee
Womens Forums West, Invited Speaker, UCSF, San Francisco, CA
Osher Lifelong Learning Institute-UCSF 10th Annual Mini-Medical School Lecture Series, San Francisco, CA
Albany Medical Center Prize in Medicine and Biomedical Research Lecture, Albany, NY
Frank H. Westheimer Prize Lecture, Harvard University, Cambridge, MA
Leaders in Biomedicine Lecture Series, Harvard University, Cambridge, MA
New York Academy of Sciences New Vistas Lecture Series, New York, NY
UCLA Pathology Seminar Series, Los Angeles, CA
Heidelberg Forum Seminar, European Molecular Biology Laboratory, Heidelberg, Germany
EMBL Distinguished Lecture Series, Heidelberg, Germany
San Francisco State University Department of Biology Commencement Address, San Francisco, CA
Women @ Google Lecture series, Google corporate office, San Francisco, CA
Royal Society of New South Wales Invited Lecture, Sydney, Australia
HMRI Cancer Research Program Public Lecture, Newcastle, NSW, Australia
David L. Garbers Memorial Lecture, UT Southwestern University, Dallas, Texas

2007

Cold Spring Harbor Laboratories, Cold Spring Harbor, NY
Feinstein 2007 Lecture in Molecular Medicine, Feinstein Institute, New York
Monash University Distinguished Visiting Professorship Lecture, Australia
Salpêtrière Hospital, INSERM, Invited Seminar, Paris, France
Institute Jacques Monod, Invited Seminar, Paris, France
Horwitz Prize Lecture, Columbia University, New York, NY

2006

Mendel Lecture Series, Academy of Sciences of the Czech Republic and Mendel Museum, Brno, Czech Republic

Karolinska Research Lecture Series at the Nobel Forum, Stockholm, Sweden
Meyenburg Prize Lecture, Heidelberg, Germany
Peter Gruber Foundation Genetics Prize Lecture, New Orleans, Louisiana
California Academy of Medicine Lecture, San Francisco, California
Osher Lifelong Learning Institute-UCSF 8th Annual Mini-Medical School Lecture Series, San Francisco, California
2006 Chipperfield Memorial Lecture, MIT Biology Department, Cambridge, Massachusetts
Cancer Research UK, London Research Institute Special Seminar, London, England
Norman Giles Lecture, Department of Genetics, University of Georgia, Athens, Georgia
National Cancer Institute Alfred G. Knudson Award Lecture, Rockville, Maryland
Fourth Annual Kirk A. Landon-AACR Prize for Basic Cancer Research Lecture, Miami, Florida

2005 Biomedical Research Council Distinguished Visiting Lecturer, Singapore
Monash University Distinguished Visiting Professorship Lecture, Australia
Keynote Address, Research Day, University of San Francisco School of Dentistry
Frank and Joan Rothman Lecture, Brown University, Providence, Rhode Island
UC Berkeley Department of Molecular and Cell Biology Graduation Commencement Keynote address, Berkeley, California
Distinguished Woman Scientist Lecture Series, University of California, Davis, Davis, California
Chemistry Department Student Hosted Colloquia, Stanford University, Stanford, California
Kirk A. Landon-AACR Prize for Basic Cancer Research Lecture, Anaheim, California
Fred Hutchinson Cancer Research Center Annual Distinguished Lecture, Seattle, Washington
The Gladstone Distinguished Lecture in Molecular and Cell Biology, San Francisco, California
Radcliffe Institute for Advanced Study Science Lecture Series, Cambridge, Massachusetts

2004 American Society for Cell Biology Public Service Award Lecture
Dr. A.H. Heineken Prize for Medicine Lecture, Amsterdam, The Netherlands
Erasmus Medical Center, Rotterdam, The Netherlands

Morton I. Grossman Distinguished Lectureship, Digestive Disease Week
New Orleans, Louisiana
University of Chicago Medical Center, Chicago, Illinois

2003 San Francisco State University Department of Biology
Mahlon Hoagland Distinguished Lectureship, Worcester Foundation, University of Massachusetts Medical School
Richard M. Furland Distinguished Lecturer, The Rockefeller University, New York
Cellular and Molecular Medicine/Ludwig Institute Seminar Series
University of California, San Diego, San Diego, California
The Florence S. Mahoney Memorial Lecture on Aging
National Institutes of Health/National Institute on Aging, Bethesda, Maryland
UCSF School of Medicine Dean's Research Seminar Series, San Francisco, California
Huntsman Cancer Institute Seminar Series, Salt Lake City, Utah

2002 Marguerite Vogt Lecture in Cancer Biology, Salk Institute, La Jolla, California
American Chemical Society, Bay Area Chapter, San Francisco, California

Colleen Giblin Memorial Lecturer, Columbia University, New York, New York

- 2001** Baylor College of Medicine 29th Annual Verna and Marrs McLean Lecture in Biochemistry, Houston, Texas
American Association for Cancer Research-Pezcoller International Award for Cancer Research Lecture, New Orleans, Louisiana
44th Annual Cartwright Lecture, Columbia University, New York
Women's Faculty Organization Distinguished Women in Science and Medicine Lecture, Northwestern University, Chicago, Illinois
Genentech Postdoctoral Seminar Series, South San Francisco, California
Memorial Sloan-Kettering Cancer Center Katharine Berkan Judd Award Lectureship
First Annual Walter and Idun Berry Symposium, Stanford School of Medicine
UCSF OB/GYN Edward Hill Endowed Lectureship, San Francisco
- 2000** Feodor Lynen Award Lecture, Miami Nature Biotechnology Winter Symposium
Miami Beach, Florida
Morehouse College Department of Biology Seminar Series, Atlanta, Georgia
Buck Center for Research in Aging, 1st Annual Research Seminar Series Novato, CA
American Association for Cancer Research-G.H.A. Clowes Memorial Award Lecture
San Francisco, California
Dickson Prize in Medicine Award Lecture, The University of Pittsburgh,
Pittsburgh, Pennsylvania
7th Annual Don W. Fawcett Lecture in Cell Biology, Department of Cell Biology,
Harvard Medical School, Boston, Massachusetts
Fox Chase Cancer Center Distinguished Lecture, Philadelphia, Pennsylvania
"Frontiers in Gene Therapy" Lecture Series, Stanford University, Stanford, California
Department of Biology, Lake Forest College, Lake Forest, Illinois
- 1999** Harvey Prize Lecture, Technion Institute of Technology, Haifa, Israel
Passano Lecture, Johns Hopkins University, Baltimore, Maryland
Cancer Center Seminar Series, University of California San Francisco Cancer Center
Twenty-Eighth Annual Lewis S. Rosenstiel Award Lecture in Basic Medical Research,
Brandeis University, Waltham, Massachusetts
1999 UCSF Graduate Division Commencement Speaker
Stanford University Department of Biology Seminar Series
"Frontiers in Developmental Biology", Stanford, California
San Francisco Chronicle 2020 Symposium, Panel Member, San Francisco, California
43rd Annual UCLA School of Medicine Lecture Series, Los Angeles, California
Keio Medical Science Prize Commemorative Lecture and Seminar
The Porter Lecture, American Society for Cell Biology 39th Annual Meeting
- 1998** University of California at San Francisco, San Francisco General Hospital
Gladstone Institute of Virology and Immunology Seminar Series
University of Texas Southwestern Medical Center
Southwest Medical Foundation Visiting Professor
Mount Sinai School of Medicine, Dean's Lecture Series
Dorothy H. and Lewis Rosenstiel Department of Biochemistry
Ada Doisy Lecture in Biochemistry, Department of Biochemistry
University of Illinois, Urbana-Champaign
The Gairdner Foundation International Awards Seminars and Lectures, Toronto, Canada
Panel Member, Women Faculty Leadership Seminar Series, UC, San Francisco
Charles B. Smith Visiting Professor Seminar Series, Department of Medicine
The Molecular Biology Program, Memorial Sloan-Kettering Cancer Center
Charles-Léopold Mayer Award Lecture, Academie Des Sciences, Paris, France

Curie Institute, Paris, France

- 1997** University of California at Santa Barbara
ACS Distinguished Lecture Series
University of Colorado, Boulder, Department of Chemistry and
Biochemistry, Biochemistry Seminar Series
California Institute of Technology, Department of Biology Seminar Series
Wadsworth Center, New York State, The Brown-Hazen Lecture Series
University of California at Berkeley, Department of Molecular and Cell Biology
Seminar Series
UCSF San Francisco General Hospital, Cellular and Molecular Medicine Seminar Series
Lawrence Berkeley National Laboratory, Life Sciences Division Seminar Series
University of California at San Francisco, Dean's Research Seminar Series
- 1996** New York University School of Medicine 1995-96 Honors Program Lecture Series
The Scripps Research Institute, Distinguished Lecture Series, La Jolla, California
The University of British Columbia, Department of Zoology
Special Lecture Series, Vancouver, B.C. Canada
University of Chicago, Cancer Research Foundation, Simon M. Shubitz Cancer Lecture
National Institutes of Health, Division of Research Grants
50 Years of Peer Review 1946-1996, Bethesda, Maryland
San Francisco State University, Department of Biology
- 1995** Roche Molecular Systems, Alameda, California
Medical Scientist Lecture Series, UC, Irvine
The Rockefeller University, New York
National Center for Human Genome Research (NIH), Bethesda
University of Tasmania, Hobart, Tasmania, Australia
David W. Beach Memorial Lectureship in Biochemistry, Purdue University
Distinguished Lecture Series on Molecular Biology in Medicine,
Center for Advanced Biotechnology and Medicine, UMD New Jersey
- 1994** Damon Runyon Symposium, UCSF, Laurel Heights
Molecular Cytometry Division, UCSF, MCB
Department of Molecular & Cellular Biology, UC, Berkeley
Veterans Administration Medical Center, UCSF
Terrapin Biotechnology Corporation, San Francisco
Reed College, Portland, Oregon
Department of Biological Chemistry, UCLA
- 1993** Department of Microbiology, Stanford University
University of Missouri, Columbia
Department of Biology, Massachusetts Institute of Technology
Department of Biology, Marquette University, Milwaukee, Wisconsin
Department of Microbiology and Immunology, Duke University, North Carolina
Department of Biophysics, Kyoto University, Japan
Lecturer, Brown Bag Lecture Series, UCSF
- 1992** University of Pennsylvania School of Medicine, Philadelphia
Fifth Bernard Cohen Memorial Lecture in Genetics
Department of Molecular Biophysics and Biochemistry, Yale University
Fromm Institute for Lifelong Learning, University of San Francisco
- 1991** Department of Biology, University of California, Santa Cruz

Department of Biological Sciences, University of California, Santa Barbara
Frederick Hutchinson Cancer Research Center, Seattle, Washington
Institute of Molecular Biology, Eugene, Oregon
Department of Biological Sciences, Stanford University, California
Department of Biochemistry and Molecular Biology, Harvard University,
Cambridge, Massachusetts
Department of Biology, University of Utah, Salt Lake City
Sonneborn Lectureship, Department of Biology, Indiana University
Bloomington, Indiana
Plant Gene Expression Center, United States Department of Agriculture, Albany,
CA
Department of Pathology, University of Southern California

- 1990** Department of Microbiology and Molecular Genetics
University of California, Irvine
Department of Biological Chemistry, University of California, Los Angeles
Cellular and Developmental Biology, Harvard University
Department of Biochemistry, Albert Einstein University, New York
Harvey Society Lecturer, Harvey Society, New York
DeWitt Stetten, Jr., Lecturer, HH, Bethesda, Maryland
Howard A. Schneiderman Lectureship, Monsanto Company, St. Louis, Missouri
- 1989** Department of Developmental Biology, Stanford University, California
Department of Genetics, La Trobe University, Melbourne, Australia
Department of Genetics, Monash University, Melbourne, Australia
Department of Biochemistry, University of Adelaide, Adelaide, Australia
Department of Genetics, University of Melbourne, Melbourne, Australia
Department of Biology, Massachusetts Institute of Technology, Cambridge, Mass.
Faculty of Science, York University, Ontario, Canada
- 1988** Department of Biological Sciences, University of California, Santa Cruz
Department of Biology, Sloan Kettering Institute, New York
Department of Biology, Yale University, New Haven Connecticut
Department of Molecular Biology, University of California, Berkeley
Department of Molecular Genetics, University of Chicago, Chicago, Illinois
Walter and Eliza Hall Institute for Medical Research, Melbourne, Australia
Department of Biochemistry and Biophysics, University of California, San Francisco
Department of Microbiology, University of Michigan, Ann Arbor, Michigan
Department of Biology, University of California, San Diego, California
Department of Biochemistry, Baylor College of Medicine, Houston, Texas
- 1987** Department of Biology, California Institute of Technology, Pasadena, California
Department of Biochemistry, Stanford University Medical School
- 1986** University of Wisconsin, Madison, Department of Biochemistry
- 1985** Department of Biochemistry, University of Alabama Medical School,
Birmingham, Alabama
Department of Biology, Washington University, St. Louis, Missouri
Department of Genetics, University of Washington, Seattle, Washington
Advanced Genetic Sciences, Oakland, California
Department of Molecular Biology, Massachusetts General Hospital
Harvard Medical School, Boston, Massachusetts
Department of Biochemistry Seminar, University of Texas Health Center
University Lecture Series, University of Texas Health Center, Dallas, Texas

University of Southern California, Department of Molecular Biology,
Department of Biology, Rochester, New York
University of Colorado, Boulder, Colorado
Department of Molecular, Cellular and Developmental Biology
Walter and Eliza Hall Institute for Medical Research, Melbourne, Australia
University of California, San Francisco. Department of Biochemistry and Biophysics

1984 Department of Biochemistry, Duke University, Durham North Carolina
Department of Biochemistry, University of Chicago, Chicago, Illinois
Department of Biology, Peking University, Beijing, China
Department of Microbiology, Stanford University, Stanford, California

1983 Cetus Corporation, Emeryville, California
Department of Biochemistry, University of California, Berkeley
Department of Biological Sciences, Harvard Medical School, Boston, Massachusetts
Department of Biology, Brandeis University, Waltham, Massachusetts
Department of Biological Sciences, University of California, Santa Cruz
Department of Biochemistry and Biophysics, University of California, San Francisco
Hutchinson Research Center, Seattle, Washington
Chiron Corporation, Emeryville, CA
Rutgers University, Piscataway, New Jersey
Distinguished Lecture Series on Molecular Biology in Medicine
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PUBLICATIONS:

Papers published in refereed scientific journals

1. Davidson, B.E., E.H. Blackburn and T.A.A. Dopheide. Chorismate mutase-prephenate dehydratase from *Escherichia coli* K-12. I. Purification, molecular weight, and amino acid composition. *J. Biol. Chem.* **241**: 4441–4446 (1972).
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Invited reviews, chapters and articles

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