

SYDNEY BRENNER

Born: 13th January 1927, Germiston, South Africa

Nationality: British
Married, three children (and one step-son)

MSc (1947) University of Witwatersrand, South Africa
MB, BCh (1951) University of Witwatersrand, South Africa
DPhil (1954) Oxford University, England

Companion of Honour (1987)
National Day Public Service Star, Republic of Singapore (2000)

Fellow of King's College, Cambridge (1959-)
Member of Medical Research Council (1978-82; 1986-90)
Fellow of the Royal Society (FRS) (1965)
Fellow of the Royal College of Physicians (FRCP) (1979)

Foreign Honorary Member, American Academy of Arts and Sciences (1965)
Fellow of the American Association for the Advancement of Science (1966)
Honorary DSc, Trinity College, Dublin (1967)
Honorary DSc, University of Witwatersrand (1972)
Honorary Member of the Deutsche Akademie der Naturforscher Leopoldina, Germany (1975)
Honorary Member of the Society for Biological Chemists (1975)
Honorary DSc, University of Chicago (1976)
Foreign Associate of the US National Academy of Sciences (1977)
Honorary Fellow of the Royal Society of Edinburgh (1979)
Foreign Member of the American Philosophical Society (1979)
Honorary LLD, University of Glasgow (1981)
Honorary DSc, University of London (1982)
Honorary DSc, University of Leicester (1983)
Foreign Associate, Royal Society of South Africa (1983)
Honorary DSc, University of Oxford (1985)
Honorary Fellow of Exeter College, Oxford (1985)
Foreign Member of Real Academia de Ciencias (Spain) (1985)
External Scientific Member of the Max-Planck Society (1988)
Member of the Academia Europaea (1989)
Honorary Fellow of the Indian Academy of Sciences (1989)
Honorary Member of The Chinese Society of Genetics (Taiwan) (1989)
Honorary Fellow of The Royal College of Pathologists (1990)
Honorary Member of the Association of Physicians of Great Britain and Ireland (1991)
Correspondant Scientifique Emérite de l'INSERM, Paris, France (1991)
Associe Etranger, Académie des Sciences, Paris, France (1992)
Honorary Member of the Alpha Omega Alpha Honor Medical Society (1994)
Honorary D.Litt, National University of Singapore (1995)
Fellow of the American Academy of Microbiology (1996)
Honorary DSc, Rockefeller University (1996)
Honorary DSc, Columbia University (1997)
Dr. rer. nat. h.c. Friederich Schiller University, Jena, Germany (1998)
Honorary DSc, La Trobe University, Melbourne, Australia (1999)
Honorary Member of the German Society of Cell Biology (1999)
Honorary Fellow of the Academy of Medical Sciences, London (1999)
Honorary Doctor of Law, Cambridge University, Cambridge, UK (2001)
Honorary Member of the Genetics Society of Japan (2001)
(cont/...)
Honorary DSc, Harvard University (2002)
Honorary Doctorate University of Oporto, Portugal (2003)

Honorary DSc Yale University (2003)

- 1952-54 Overseas Scholarship of the Royal Commission for the Exhibition of 1851, at the University of Oxford
- 1954 Carnegie Corporation Fellow, USA
- 1954 Virus Laboratory of the University of California in Berkeley, USA
- 1954-1956 Lecturer in Physiology, University of Witwatersrand, South Africa
- 1957-92 Member of Scientific Staff, Medical Research Council
- 1979-86 Director, Medical Research Council Laboratory of Molecular Biology, Cambridge, England
- 1986-91 Director, Medical Research Council Molecular Genetics Unit, Cambridge, England
- 1981-85 Non-Resident Fellow, The Salk Institute, San Diego, California, USA
- 1985-99 Visiting Fellow, Central Research and Development Department, E.I. du Pont de Nemours & Company, Wilmington, Delaware, USA
- 1987-91 Visiting Professor in Medicine, Royal Free Hospital School of Medicine, University of London
- 1989-96 Honorary Professor of Genetic Medicine, University of Cambridge Clinical School
- 1989-91 Scholar in Residence, The Research Institute of Scripps Clinic, La Jolla, USA
- 1991-94 Visiting Member, The Scripps Research Institute, La Jolla, USA
- 1992-96 Associate of the Neurosciences Research Program, New York, USA
- 1996 - President and Director of Science, The Molecular Sciences Institute, La Jolla and Berkeley
- 1998-2000 Adjunct Professor, University of California, Berkeley, USA
- 2001 - Distinguished Research Professor, The Salk Institute, La Jolla, USA
- 2001 - Adjunct Professor, University of California, San Diego, USA

PRIZES

- 1968 Warren Triennial Prize
- 1969 William Bate Hardy Prize; Cambridge Philosophical Society
- 1970 Gregor Mendel Medal; German Academy of Science, Leopoldina
- 1971 Albert Lasker Medical Research Award (with Seymour Benzer and Charles Yanofsky)
- 1974 Royal Medal; Royal Society of London
- 1975 Charles-Leopold Mayer Prize; French Academy, France (with Seymour Benzer)
- 1978 Gairdner Foundation International Award; Canada
- 1980 Krebs Medal; Federation of European Biochemical Societies
- 1981 Ciba Medal; Biochemical Society
- 1983 Feldberg Foundation Prize
- 1985 Neil Hamilton Fairley Medal; Royal College of Physicians
- 1986 Croonian Lecturer, Royal Society of London.
- 1986 Rosenstiel Award; Brandeis University, USA (with Seymour Benzer)
- 1987 Prix Louis Jeantet de Medecine; Fondation Louis Jeantet de Medecine, Switzerland
- 1987 Genetics Society of America Medal
- 1987 Harvey Prize; Technion - Israel Institute of Technology
- 1987 Hughlings Jackson Medal, Royal Society of Medicine, London
- 1988 Waterford Bio-Medical Science Award, The Research Institute of Scripps Clinic, La Jolla, USA
- 1990 Kyoto Prize
- 1991 Gairdner Foundation International Award; Canada
- 1991 Copley Medal; Royal Society of London
- 1992 King Faisal International Prize for Science, King Faisal Foundation, Saudi Arabia
- 1992 Bristol-Myers Squibb Award for Distinguished Achievement in Neuroscience Research (with S. Benzer and M. Capecchi), New York, USA
- 2000 Albert Lasker Award for Special Achievement in Medical Science
- 2001 Novartis Drew Award In Biomedical Research
- 2002 The Distinguished Service Award of the Miami Nature Biotechnology Winter Symposia
- 2002 March of Dimes Prize in Developmental Biology
- 2002 Dan David Prize
- 2002 Nobel Prize in Physiology or Medicine (with R. Horvitz and J. Sulston)

LECTURESHIPS

- 1966 Carter-Wallace Lectures, Princeton University, USA.

- 1970 John Wilfred Jenkinson Memorial Lecture, Oxford.
- 1970 Jean Weigle Memorial Lecture, California Institute of Technology, Pasadena, USA.
- 1973 Annual Mike Hogg Lecture, Medical Center, University of Texas, USA.
- 1974 Karl August Foster Lecture, Mainz, Germany.
- 1976 Smith, Kline and French Lectures, University of California at Berkeley, USA.
- 1976 Tracey and Ruth Storer Lectures, University of California at Davis, USA.
- 1976 Steenbock Lectures, University of Wisconsin, Madison, USA.
- 1976 Herbert Spencer Lecture, University of Oxford.
- 1977 Carter-Wallace Lectures, Princeton University, USA.
- 1978-80 Gifford Lectures, University of Glasgow.
- 1979 Ballard Mathews Lectures, University College of North Wales.
- 1979 Korner Lecture, University of Sussex.
- 1980 Jean Weigle Lecture, University of Geneva.
- 1980 John Coffin Lecture, University of London.
- 1980 Bloor Lecture, Rochester University, New York, USA.
- 1980 Archibald Garrod Lecture, University of Oxford.
- 1980 Albert Einstein Lecture, NY Academy of Sciences.
- 1980 William Withering Lectures, University of Birmingham.
- 1981 Smith, Kline and French Lectures, University of California at San Francisco, USA.
- 1982 Jenner Lecture, St George's Hospital Medical School, London.
- 1982 Bertram Louis Abrahams Lecture, Royal College of Physicians of London.
- 1982 Dreyfuss Foundation Lectures, State University of New York at Stony Brook, USA.
- 1982 Robbins Lectures, Pomona College, Claremont, California, USA.
- 1982 10th Bateson Memorial Lecture, John Innes Institute, Norwich.
- 1982 Huxley Lecture, Charing Cross Hospital Medical School.
- 1982 Ida Beam Visiting Professor, University of Iowa, Iowa, USA.
- 1983 Briody Lecture, College of Medicine and Dentistry of New Jersey, USA.
- 1983 Dietrich Bodenstein Lecture, University of Virginia, USA.
- 1983 Ralph Gerard Lecture in Neurosciences, University of California, Irvine, USA.
- 1983 Jacques Monod Memorial Lecture, Pasteur Institute, France.
- 1983 Gordon Hamilton-Fairley Lecture, British Association for Cancer Research.
- 1984 David Henderson Memorial Lecture, PHLS Centre for Applied Microbiology & Research, Porton Down.
- 1984 Verna and Marrs McLean Lecture, Baylor College of Medicine, Houston, USA.
- 1984 Dunham Lecture, Harvard University, USA.
- 1985 Lee Kuan Yew Distinguished Visitor, Singapore.
- 1985 Smith, Kline and French Lecture, Vanderbilt University, Nashville, USA.
- 1985 Jessie and John Danz Lecture, University of Washington, Seattle, USA.
- 1987 Alkis Seraphim Memorial Lecture, University of Cambridge.
- 1987 Proctor and Gamble Lecture, Massachusetts Institute of Technology, Cambridge, USA.
- 1987 Henry Labarre Jayne Memorial Lecture, American Philosophical Society, Philadelphia, USA.
- 1987 Bloomfield Memorial Lecture, Lady Davis Institute for Medical Research, Montreal, Canada.
- 1987 Anders Retzius Lecture, Medical Nobel Institute, Stockholm.
- 1987 Hughlings Jackson Lecture, Royal Society of Medicine.
- 1988 Philip R Jonsson Lecture, University of Texas, Dallas, USA.
- 1988 William Ferdinand Memorial Lecture, University of Sheffield.
- 1988 ICRF Guest Lecture, Keble College Colloquium, Oxford.
- 1988 Forbes Lecture, Marine Biological Laboratory, Woods Hole, Massachusetts, USA.
- 1988 11th Walter Bauer Memorial Lecture, The Helen Hay Whitney Foundation, New York, USA.
- 1989 Streisinger Lecture, University of Oregon, USA.
- 1989 Jesup Lectures, Columbia University, New York, USA.

LECTURESHIPS (cont/...)

- 1989 Hanna Lecture, Case Western University, Cleveland, Ohio, USA.
- 1989 Darwin Lecture, Institute of Biology, London.
- 1990 Peter Garland Lecture, University of Dundee.
- 1990 Adriano Buzzati Traverso Lecture, Rome, Italy.

- 1990 R.G. Williams Sixth Annual Memorial Lecture, University of Pennsylvania, Philadelphia, U.S.A.
- 1990 David Marr Lecture, University of Cambridge.
- 1991 Wellcome Visiting Professor, Boston University Medical Center, Boston, Massachusetts, USA.
- 1991 John Humphrey Lecture, University of London.
- 1991 Linacre Lecture, St. John's College, University of Cambridge.
- 1991 The Fison Memorial Lecture, United Medical and Dental Schools of Guy's and St. Thomas's Hospitals, University of London.
- 1991 Lucille Markey Foundation Lectures, Harvard University, Boston, Massachusetts, USA.
- 1991-92 Samuel Rudin Visiting Professor, College of Physicians & Surgeons of Columbia University, New York, USA.
- 1992 Fifth Annual Farr Lecture, Yale University School of Clinical Medicine, New Haven, CT, USA.
- 1993 Pittsburgh Conference Lecture, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA
- 1994 First Joshua Lederberg Lecture, University of Wisconsin-Madison, USA
- 1994 Third Berlin Lecture on Molecular Medicine, Max-Delbrück-Centrum, Berlin, Germany
- 1995 F A Bourke Lecture, Boston University, USA
- 1996 Erasmus Lecture, Rotterdam University.
- 1996 BASF-Lynx Lecture, Heidelberg University, Germany
- 1997 Annual Whitney Lab Lecture, University of Florida
- 2000 The Stephen W. Kuffler Lectures, University of California, San Diego
- 2000 Mendel Lecture, Austrian Academy of Sciences, Vienna
- 2000 Herbert Memorial Lecture, Vollum Institute, Oregon Health Sciences University
- 2000 Tadaatsu Goto Memorial Lecture, Kimmel Cancer Center, Philadelphia
- 2001 Tetelman Fellowship Lectures, Jonathan Edwards College, Yale University
- 2001 Marian E. Koshland Seminar, University of California, Berkeley
- 2001 The Shirley Boyde Memorial Lecture, The University of Hong Kong
- 2001 Pfizer Lecture, University College, London
- 2002 Hans L. Falk Memorial Lecture, NIEHS, North Carolina