

CV

Paul Maxime Nurse

Date of Birth: 25 January 1949
Nationality: British
Marital Status: Married, two children

EDUCATION

1960 - 1966 Harrow County Grammar School
1967 - 1970 University of Birmingham - BSc (First Class Honours) in Biological Sciences
Awarded the John Humphreys Memorial Prize in Botany
1970 - 1973 University of East Anglia - PhD in Cell Biology/Biochemistry

EMPLOYMENT

1967 Twyford Laboratories, London; Research Assistant in Microbiology Department
1973 Institute of Microbiology, University of Bern, Switzerland; Royal Society Research Fellow
1974 - 1980 Department of Zoology, University of Edinburgh; SERC Research Fellow with Professor J M Mitchison
1980 - 1984 School of Biology, University of Sussex; MRC Senior Research Fellow
1984 - 1987 Imperial Cancer Research Fund, London; Head of Cell Cycle Control Laboratory
1987 - 1991 University of Oxford, Iveagh Professor of Microbiology
1991 - 1993 University of Oxford, Napier Research Professor of the Royal Society
1993 - 1996 Imperial Cancer Research Fund, London, Director of Research (Laboratories)
1996 - 2002 Imperial Cancer Research Fund, London, Director-General
2002 - 2003 Cancer Research UK, Director-General (Science) (Feb-Mar 2002), Chief Executive (Mar-Apr 2003)
2003 - 2011 The Rockefeller University, New York, USA, President
2010 - 2015 The Royal Society, London, President
2010 - Francis Crick Institute, Director

ACADEMIC DISTINCTIONS

Major International Award Lectures and Medals

1990 Royal Society Florey Lecturer (UK)
1991 Cetus Lecturer, University of California, Berkeley (USA)
1992 Louis Jeantet Prize for Medicine in Europe (Switzerland)
Gairdner Foundation International Award (Canada)
Rosenstiel Award and Medal for Distinguished Work in Basic Medical Sciences (USA)

1993	Royal Society Wellcome Medal (UK) Jimenez Diaz Memorial Award and Medal (Spain)
1994	Dunham Lectures, Harvard (USA) Purkyne Medal, Czech Academy of Science (Czech Republic)
1995	Pezcoller Award for Oncology Research (Italy) Royal Society Royal Medal (UK)
1996	Dr Josef Steiner Prize (Switzerland) Dr H P Heineken Prize for Biochemistry & Biophysics (The Netherlands)
1997	General Motors Cancer Research Foundation Alfred P. Sloan Jr. Prize & Medal (USA)
1998	Albert Lasker Award (USA)
2001	The Nobel Prize for Physiology or Medicine (Sweden)
2002	Golden Plate Award, 43 rd Academy of Achievement, Washington DC (USA)
2003	Royal Society of Medicine Gold Medal (UK) The Harveian Oration, Royal Society of Physicians (UK) The Romanes Lecture, University of Oxford (UK) The Royal Society of Edinburgh Royal Medal (UK)
2005	The Royal Society Copley Medal (UK)
2006	The Royal Society Rutherford Lecturer (New Zealand & UK)
2007	Nobel Laureate Lecturer, Biozentrum of the University of Basel, (Switzerland)
2013	Albert Einstein World Award of Science (International)
2014 – 2015	President of the British Science Association (UK)
2015	Henry G Friesen International Prize (Canada)
2019	Genetics Society Centenary Medal (UK)

Other Distinguished Award Lectures and Medals

1985	Fleming Lecturer, Society of General Microbiology (UK)
1990	Marjory Stephenson Lecturer, Society of General Microbiology (UK)
1991	CIBA Medal, Biochemical Society (UK) William Ferdinand Memorial Lecturer, University of Sheffield (UK) Feldberg Prize for Medical Research (UK/Germany)
1993	K S Dodgson Memorial Lecturer, University of Cardiff (UK) Korner Memorial Lecturer, University of Sussex (UK) Annual Guest Lecturer, Leukaemia Research Fund (UK) Wenner-Gren Lecture (Sweden)
1995	Bradshaw Lecturer, Royal College of Physicians (UK)
1998	The Huxley Lecturer, University of Birmingham (UK) Berkan Judd Award (USA)

- 1999 The Sackler Distinguished Lecturer, University of Cambridge (UK)
The Tom Connors Lecturer, British Association for Cancer Research (UK)
The Baly Medal, Royal College of Physicians (UK)
The Felix Hoppe-Seyler Lecturer, Hamburg (Germany)
- 2000 The Fison Memorial Lecturer, Guy's, King's St Thomas' Medical Schools (UK)
- 2001 The Colman Lecturer, University of East Anglia (UK)
The Kettle Lecturer, The Royal College of Pathologists (UK)
- 2002 The Almroth Wright Lecturer, Imperial College, London University (UK)
The Peter Garland Lecturer, University of Dundee (UK)
- 2003 The Lerner Lecturer, The Cleveland Clinic (USA)
Institute of Biology Huxley Lecturer (UK)
The de Brun Lecturer, University of Galway, Eire
The Rodney Porter Lecturer, University of Oxford (UK)
Alumnus of the Year, University of Birmingham (UK)
- 2004 The 47th Annual Cartwright Lecture, Columbia University Medical Center (USA)
N. Ronald Morris Lecturer, University of Med & Dentistry, New Jersey (USA)
Mernard and Anna Gertler Visiting Professorship, Weill Medical College of Cornell University (USA)
Albert Einstein Memorial Lecturer, Princeton University's Woodrow Wilson School of public and International Affairs (USA)
Racker Lecturer, University of Ithaca (USA)
- 2005 100th Anniversary Celebration of the Harvey Society Lecture, New York (USA)
500th Year Anniversary of Christ's College Lecture, Cambridge (UK)
Mike Hogg Award and Lecturer, University of Texas M.D. Anderson Cancer Center (USA)
- 2006 Nelson Medical Lecturer at University of California Davis School of Medicine (USA)
The Royal Society of Medicine Wellcome Memorial Lecturer (UK)
Duke University Medical Center Chancellor Lecturer, Duke University Medical Center (USA)
- 2007 Renato Dulbecco Nobel Lecturer, Salk Institute (USA)
Marian E. Koshland Memorial Lecturer, University of California, Berkeley (USA)
Leaders in Biomedicine Lecturer, Harvard Medical School (USA)
Vanderbilt University Medical Center Discovery Lecturer, Vanderbilt University Medical Center (USA)
Simonyi Lecturer, Oxford, (UK)
- 2008 Indian Science Congress, Andhra University (India)
Inaugural Molecular Genetics Distinguished Lecturer, The Ohio State University (USA)
Distinguished Leaders in Medicine Lecturer, Dalhousie University (Canada)
University of Texas at Dallas Southwestern Medical Center Lecturer (USA)
Marine Biology Lab Lecturer (USA)
EMBL Distinguished Visitor Lecturer (Germany)

2011 25th Anniversary Louis-Jeantet Foundation Lecturer (Switzerland)
 Founders Day Lecturer, University of Bath (UK)
 IAS Anthony Epstein Lecturer, University of Bristol (UK)
 Dutch Society for Microbiology Centenary Lecturer (Netherlands)
 J Robert Oppenheimer Memorial Lecturer (Los Alamos)
 Biozentrum Jubilee Lecturer, University of Basel (Switzerland)
 Varandani Lecturer, Wright State University (Ohio)
 The Bragg Lecturer, University of Cambridge (UK)
 24th Schrodinger lecturer, Imperial College (UK)
 Old Gaytonians Centenary Lecturer (UK)

2012 Richard Dimpleby Memorial Lecturer (UK)
 Institute of Cancer Research Distinguished Lecturer (UK)
 University of Warwick Distinguished Lecturer (UK)
 MRC Cancer Cell Unit Annual Lecturer (UK)
 ETH Biology Lecture (Switzerland)
 Gurdon Institute Anniversary Lecturer (UK)
 British Science Festival Lecturer (UK)
 Reform Club Science and Technology Lecturer (UK)
 John Innes Centre Annual Lecturer (UK)
 Marie Jahoda Lecturer, SPRU (UK)
 Erasmus Darwin Lecturer (UK)
 Athenaeum Lecturer (UK)

2013 40th Edwards Lecturer (UK)
 Yvonne Carter Memorial Address (UK)
 World Cultural Council and Times Higher Education Lecturer (Singapore)
 Gakushuin University Lecturer (Japan)
 Sherrington Society Lecturer (Oxford)
 Shanghai Institute for Biological Sciences (China)
 Royal Irish Academy Lecturer (Dublin and Belfast)
 Wolfson Haldane Lecturer (UK)
 Jean Weigle Lecturer (Switzerland)
 Humphreys Lecturer (UK)
 John F Kennedy School of Government, Harvard Lecturer (Cambridge, USA)
 The 2013 CIHR Lou Siminovitch Lecturer, University of Toronto (Canada)
 University of Sussex Gold Medal (UK)
 Siemens VIP Dinner Lecturer, The Hague (Netherlands)
 CSA Lecture Series MI5, London (UK)

University of East Anglia 50th Anniversary – “In conversation with Ian McEwan” (UK)

2014 The Blackett Lecture (India)

Colston Mill Hill Lecture (UK)

Francisco Manuel dos Santos Foundation (Portugal)

Royal Society of Edinburgh (UK)

Seoul National University (South Korea)

Rivett Lecture (Australia)

GSK Scinovations Lecture (UK)

Nobel Laureate Lecture - Royal Danish Academy of Science (Denmark)

Yomiuri Shimbun Forum (Japan)

Geisel School of Medicine, Dartmouth (USA)

Inaugural Commonwealth Science Conference, Bangalore (India)

Natural History Museum (UK)

Nobel Prize Inspiration (China)

2015 102nd Indian Science Congress, Mumbai (India)

Girton College Founders Memorial Lecture (UK)

Graeme Clark Oration (Australia)

4th Weatherall Lecture (UK)

Lloyds Roberts Lecture (UK)

EMBL Distinguished Seminar Series

Hans Clevers Lecture (Amsterdam)

Blackwell/Bodleian Lecture (UK)

Mendel Lecture (Czech Republic)

Edmund Burke Lecture (UK)

Murray Lecture (UK)

Daiwa Ichiban Lecture (Japan)

Institute of Neurology Annual Address (UK)

Monod-Diderot Lecture (France)

Sir Hans Krebs Lecture (UK)

2016 Nottingham Trent University Distinguished Lecture (UK)

Bradford Global Achievement Award (UK)

Society of Chemical Industry Lecture (UK)

Max Birnstiel Lecture (Austria)

Anthony Cerami Award in Translational Medicine (USA)

RTS/IET Lecture (London)

Annual Carnegie Lecture, Glasgow (UK)

Nobel Conference Lecture (Stockholm)
 Royal Swedish Academy of Sciences Lecture (Stockholm)
 Society of Chemical Industry Lecture (UK)
 New Scientist Live (UK)
 Popper Memorial Lecture, LSE (UK)
 Oxford Brookes University Public Lecture (UK)
 2017 William Marsden Lecture (UK)
 10th Peter Lindsay Memorial Lecture (UK)
 Corpus Christi Lecture (UK)
 Annual Lecture The Norwegian Academy of Science (Oslo)
 International Biology Olympiad (UK)
 Basel Life 2017 (Switzerland)
 NobelST (Croatia)
 University of Zurich (Switzerland)
 Institute for Molecular Pathology (Switzerland)
 Applied Medical Sciences – UCL (UK)
 Nobel Laureate Lecture (Germany)
 Leverhulme Lecture 2017 (UK)
 Milton and Darwin Lecture (London)
 Society of Apothecaries 400th Anniversary and Royal College of Physicians 500th Anniversary (UK)
 2018 The Thomas Graham Medal, Royal Philosophical Society of Glasgow
 The George Sigerson Award, University College Dublin
 The Gravity Award, University of Cambridge
 100th Anniversary Lecture, University of Bern (Switzerland)
 Hans Tuppy Lecture (Austria)
 2019 The Humphry Davy Lecture (London)
 International Peace Foundation (Indonesia and Laos)
 Capo D'Orlando Prize (Italy)
 Duvel-Moortgat Prize (Belgium)
 2020 James Martin Memorial Lecture (UK)

Election to National and International Academies and Organisations

1987	Member of European Molecular Biology Organisation (EMBO)
1989	Fellow of the Royal Society
1992	Member of Academia Europaea
1995	Foreign Associate of the US National Academy of Sciences
1998	Founder member of the Academy of Medical Sciences
2004	Hungarian Academy of Sciences
2006	American Academy of Arts & Sciences
2015	Royal Spanish Academy of Sciences Chinese Academy of Sciences
2016	Royal Irish Academy Dublin
2018	National Academy of Sciences of Ukraine
2019	Fellow of American Association for the Advancement of Science (AAAS)

Distinguished Committees, Boards etc.

1985 - 1988	Committee Member of the UK Genetical Society
1989 - 1995	Member of the EMBL Scientific Advisory Committee
1990 - 1994	President of the UK Genetical Society
1994	President of BA Biology Section
1997 - 2002	Member of the International Advisory Board, Basel Institute for Immunology, Basel, Switzerland
1997 - 2019	Member of the International Advisory Board, Memorial Sloan Kettering Cancer Center, New York, USA
1998 - 2003	Member of The Novartis Foundation Scientific Advisory Panel
1999 - 2002	Member of the ISREC Scientific Advisory Committee, Lausanne, Switzerland
1999 -	Member of the Scientific Council of the Institut Curie, Paris, France
1999 – 2020	Lasker Jury Member
2000 - 2003	Member of the Novartis Foundation Executive Council
2000 - 2002	Member of The Netherlands Cancer Institute Scientific Advisory Board, Amsterdam, The Netherlands
2000 - 2015	Member of the Council for Science and Technology advising the Prime Minister and Cabinet on Science
2000 - 2005	Member and Chairman of the European Molecular Biology Organization Council (EMBO)
2000 - 2003	Chairman, Science in Society Committee, Royal Society
2000	Member of Kirkhouse Trust's Board of Trustees, UK
2003 -	Honorary Member of the International Raoul Wallenberg Foundation
2003 - 2008	Member and Chairman of European Molecular Biology Laboratory (EMBL) Scientific Advisory Board
2004 -	New York Academy Science

2004 - 2010	Member and Chairman Temasek Life Sciences Laboratory – The National University of Singapore Scientific Advisory Board
2005 -	Member and Chairman Comité Extérieur d’Orientation Scientifique et Stratégique, Institut Pasteur (CEOSS)
2004 - 2005	Member of the General Motors Cancer Research Foundation
2005 -	Bauer Center External Advisory Board, Harvard University
2005 -	Lewis-Sigler Institute External Advisory Committee, Princeton University
2005 -	Member of Howard Hughes Medical Institute’s Board of Trustees
2007 -	Member of Wellcome Trust Sanger Institute Scientific Advisory Board, UK
2007 - 2010	Chairman, UK Centre for Medical Research and Innovation (UKCMRI) Scientific Planning Committee & UKCMRI Steering Group Member
2010 – 2013	Oxford University Council
2011 -	Trustee of the Queen Elizabeth II Prize for Engineering
2012 - 2020	Trustee of the British Museum
2012 -	Sainsbury Laboratory Cambridge University Scientific Advisory Board Patron of Cambridge University Scientific Society
2013 -	Basel Biozentrum Scientific Advisory Board
2013 - 2020	VIB Scientific Advisory Board Patron of the Aylsham Festival
2013 -	Secretary General EMBO Westminster Abbey Council Patron of Darwin House
2016 -	Science Museum Advisory Board Chair, EMBL Scientific Advisory Committee
2000 - 2019	IMP (Research Institute for Molecular Pathology) Scientific Advisory Board
2015	Nurse Review – Reviewing public support for UK science commissioned by the UK Government
2017 -	Chancellor of the University of Bristol
2017 - 2021	Chief Scientific Adviser, Scientific Advice Mechanism High Level Group (European Commission)
2019	International Science Council – Adjunct Member
2020	Patron of Humanists UK Honorary President, Capo d’Orlando Prize Patron of Scientists for Labour Patron of Trinity College Medical Society Trustee Emeritus of the British Museum
2021	Trustee of the Royal Botanic Gardens, Kew

Editorial Board Membership

1981 - 1997	Journal of Theoretical Biology
1991 - 2020	Cell
1992 - 1997	Genes and Development
1992 - 2001	Molecular Biology of the Cell

Honorary Degrees/Fellowships/Professorships/Memberships

1996	University of East Anglia
1998	University of Sussex University of Birmingham
1999	Honorary Fellow of the Royal College of Physicians
2000	University of Edinburgh Honorary Fellow of the Royal College of Pathologists
2001	University of London, Imperial College of Science, Technology & Medicine University of Copenhagen University of Prague
2002	University of Bath University of Leeds Honorary Fellow of the Royal Society of Edinburgh Honorary Fellow of the Royal College of Surgeons Honorary Fellow of the Royal Society of Medicine Honorary Member of the European Academy of Sciences and Arts Honorary Member of the Biochemical Society
2003	University of Budapest University of Salamanca University of Cambridge University of Oxford University of Durham University of Bristol University of Leicester Erasmus University, Rotterdam Honorary Member & Medal of the British Mycological Society Honorary Member of the Society for General Microbiology
2004	University of Hull University of Bradford Honorary Member of the Hungarian Academy of Sciences
2005	Bard College University of Manchester University of Debrecen

	University of Sheffield
2006	University of York
2007	La Trobe University
	University of Minnesota
2007	Honorary Fellowship of the Academy of Medical Sciences
2008	Oxford Brookes University
2009	University of Dundee
	University of Liverpool
2010	University of Salzburg
	Amherst College
	Dalhousie University
2011	University of Aberdeen
	University College London
2012	University of Kent
	University of Strathclyde
	Honorary Fellowship of the Royal Society of Chemistry
	Honorary Fellowship of the Royal Academy of Engineering
2013	King's College London
	University of Warwick
	Open University
	University of Worcester
	Honorary Fellowship AACR
	Honorary Bencher of the Middle Temple
	Honorary Professorship of the Chinese Academy of Sciences
	Fellow of ZSL London Zoo
2014	Newcastle University
	City University London
	Cardiff University
2015	Honorary Professorship of Peking University
	University of Toronto
2016	Queen's University Belfast
	Honorary Fellowship of the British Academy
	Honorary Fellowship of the Royal Entomological Society
2017	University of Ghent (Belgium)
	Honorary Distinguished Professor, Hiroshima University (Japan)
	University of Louvain (Belgium)
	McGill University (Montreal)
	University of Glasgow
	University of Ottawa
	Fellowship of the City & Guilds of London

2018 University of Huddersfield
Weizmann Institute of Science (Israel)
Rockefeller University (USA)

2019 Fellowship, Goodenough College, London

2020 Mendel University (Brno)

2021 University of Hong Kong
Rensselaer Polytechnic Institute, USA

Other Awards

1999 Knighthood for services to cell Biology and Cancer Research

2002 Legion d'Honneur, France

2007 Honorary Freeman, The Worshipful Society of Apothecaries of London, UK

2009 Honorary Freeman, The Worshipful Company of Scientific Instrument Makers (WCSIM), London, UK

2011 Honorary Freedom of the London Borough of Harrow

2018 Order of the Rising Sun, Gold and Silver Star (Japan)

Media Communications

Numerous appearances on national radio and television in the UK and USA including presenting around 10 TV programmes and co-hosting around 15 TV discussion programmes. Also, many articles in national newspapers and magazines.

2020 - Author of "What is Life" published in 22 countries.

Publications

Approximately 350 research publications