

Curriculum vitae

Fotis C. Kafatos

Education

Primary and secondary education in Crete (Lyceum "Korais")
AB Cornell University (High Honours), Zoology, 1961
MA Harvard University, Biology, 1962
PhD Harvard University, Biology, 1965

Honours

Academies

Member, European Molecular Biology Organisation (elected 1977)
Fellow, American Academy of Arts and Sciences (elected 1980)
Member, National Academy of Sciences, USA (elected 1982)
Member, Academia Europaea (elected 1991)
Foreign Member of the French Academy of Sciences, 2002
Member, Pontifical Academy of Sciences, 2003
Foreign Member of the Royal Society of London, 2003
Member, European Academy of Sciences and Arts, 2007

Medals/Prizes

G.J. Mendel Honorary Gold Medal for Merit in the Biological Sciences, Academy of Sciences of the Czech Republic, 1995
Honorary Medal for Distinction in Biology, Academy of Athens, 2000
Medal "Taxiarchis of Phoenix", awarded by the President of the Hellenic Republic, for major contributions to science, culture and society, 2003
"Bundesverdienstkreuz 1. Klasse", awarded by the President of the Federal Republic of Germany, 2004
Medal of Honour, City of Heraklion, Crete, 2004
Uni-Heidelberg Grosse Universitats Medal, 2005
Fondation Louis Jeantet – 25th Anniversary Special Prize, 2008
Romanian Academy Diploma "Meritul Academic", 2010
Robert-Koch Gold Medal, 2010 (award ceremony to take place in Nov 2010)

Doctor honoris causa

Agricultural University, Athens, Greece, 1992
Aristotelian University of Thessaloniki, Greece, 1994

Université Louis Pasteur, Strasbourg, France, 2002

Democretian University of Thrace, 2004

University of Ioannina, 2005

University of Patras, 2005

Cyprus University of Technology, 2008

University of Athens 2009

Honorary (or Visiting) Professorships

Overseas Fellow, Churchill College, University of Cambridge, 1993

Visiting Professor, Department of Biology, Imperial College London, 2000 - 2003

Honorary Professor, University of Heidelberg, Germany, 2000 - 2005

Academic Appointments

Adjunct Professor of Immunology & Infectious Diseases, Harvard School of Public Health, 2007 – present

Professor, Chair of Immunogenomics, Imperial College London, 2005 – present

Director General, European Molecular Biology Laboratory, 1993-2005

Founder and Director, Institute of Molecular Biology and Biotechnology, Research Centre of Crete, 1982-1993

Professor of Biology, University of Crete (part-time), 1982-present (on leave)

Chair, Cellular and Developmental Biology, Harvard University, 1978-1981

Professor of Biology, University of Athens (part-time), 1972-1982

Instructor, Embryology Course, MBL (Wood's Hole), summers 1972-1974

Professor of Biology, Harvard University, 1969-1994

Assistant Professor of Biology, Harvard University, 1965-1969

Instructor of Biology, Harvard University, 1965

Major Academic responsibilities

Scientific Council Chairman, and President, European Research Council, 2005-2010

Chair, Institutional Advisory Board, Flanders InterUniversity Institute for Biotechnology (VIB), 2002-present

Bill and Melinda Gates Foundation, Scientific Board of “Grand Challenges in Global Health Initiatives” (Member), 2003-present

Institute for Research in Biomedecine, Barcelona, Spain (IRB), Member External Advisory Board 2006-present

Fondation des Treilles, Scientific Committee, (1989-2002) and Board (2002-present)

Chair, EIROforum, 2002-2003 (European Intergovernmental Research Organisation grouping)

Temasek Life Sciences Laboratory, Singapore, International Scientific Advisory Board, 2002-2006

Max Planck Institute Göttingen, Member and Chair of the Fachbeirat, 1995–2007
Institut Pasteur, Paris, Member, External Scientific and Strategic Committee, 2000-2005
Fondation Louis Jeantet de Médecine, Science Committee Member, 1995-2004
International Review Panel on Development of Biotechnology in Finland (Chair), 2002
Member, Conseil National de la Science, France, 1998-2002
Research Centre of Crete/Foundation of Research and Technology - Hellas, Governing Board Member 1982-1993
European Molecular Biology Organisation Council Member, 1988-1990
European Molecular Biology Laboratory Scientific Advisory Committee Member, 1984-1989
University of Crete, Organizing and Governing Committee, 1973-1975 and 1976-1980 (Associate Member); 1982-1986 (Member)

Research Interests and Expertise

Insect Biology 1959 – current
Natural history, defence mechanisms of arthropods 1959-1961
Developmental biology 1961-current
Molecular and cell biology 1963 – current
Molecular evolution 1977-current
Genomics 1987-current
Malaria 1991-present
Innate immunity 1991-current

Major Research focus

Anopheles / Plasmodium interactions
Insect innate immunity
Mosquito and comparative genomics
Vector-based control of malaria