



Curriculum Vitae Professor Dr. Werner Kühlbrandt



Name: Werner Kühlbrandt

Born: 7 December 1951

Main areas of research: Structure and mechanisms of membrane proteins; two- and three-dimensional crystallisation of membrane proteins; electron cryo-microscopy and image processing of biological macromolecules; electron tomography of biological membranes; x-ray crystallography of membrane proteins; molecular basis of aging in mitochondria by cryo-EM

Academic and Professional Career

since 1997	Director, MPI of Biophysics, Frankfurt / Main, Germany
1992	Habilitation (Biophysics), Heidelberg University, Germany
1988 - 1997	Group leader / Senior Scientist, EMBL Heidelberg, Germany
1987 - 1988	Visiting scientist, Lawrence Berkeley Laboratory, Berkeley, USA
1984 - 1987	Postdoc, Biology Department, Imperial College, London, UK
1981 - 1984	Postdoc, Institut für Zellbiologie, ETH Zurich, Switzerland
1981	PhD (Molecular Biology), University of Cambridge, UK
1977 - 1981	PhD project (Molecular Biology), MRC LMB Cambridge, UK
1974 - 1975	BSc course (Biophysics), King's College London, UK
1971 - 1977	Diploma (Chemistry), Free University Berlin, Germany

Project coordination, Membership in collaborative research projects

2008 - 2012	Principal Investigator, SFB 807 "Transport and signalling across biological membranes"
2008 - 2012	Principal Investigator, European Union FP7, EDICT

2007 - 2012	Board of directors, German Science Foundation (DFG) Cluster of Excellence "Macromolecular Complexes"
2000 - 2018	Spokesperson, Max Planck Society, International Max Planck Research School

Functions in Scientific Societies and Committees

since 2012	Editorial Board, eLife
2009	Chair, Scientific Advisory Board, EMBL
2008 - 2013	European Research Advanced Grant selection panel, Brussels, Belgium
since 2005	Scientific Advisory Board, Centre for Integrated Structural Biology, Grenoble, France
2005 - 2010	Advisory Board, Membrane Protein Structure Initiative, Glasgow, UK
2005, 2009	Ad hoc EMBO review panels of life science in Spain
2004 - 2009	Scientific Advisory Board, EMBL
2000 - 2011	Editorial Board, EMBO Reports
1999 - 2011	Editorial Board, EMBO Journal
1998 - 2009	Editorial Board, Protein Science
1997 - 2002	Editorial Board, Current Biology
1990 - 1999	Editorial Board, Current Opinion in Structural Biology

Honours and Awarded Memberships

2009	Israel Chemical Society (honorary member)
2003	German National Academy of Science Leopoldina (elected member)
2002	Visiting Professor, Biology Department, Imperial College, London, UK
1996	Max Planck Society (scientific member)
1993	Visiting Professor, Biochemistry Department, Imperial College, London, UK
1992	EMBO (elected member)
1986	Heisenberg Fellow of the German Science Foundation (DFG)
1984	EMBO Long Term Fellowship
1981	Hoffmann-LaRoche Research Fellowship
1977	PhD Fellowship, Deutscher Akademischer Austauschdienst
1973	Studienstiftung des deutschen Volkes

Major Scientific Interests

Structure and mechanisms of membrane proteins; two- and three-dimensional crystallisation of membrane proteins; electron cryo-microscopy and image processing of biological macromolecules; electron tomography of biological membranes; x-ray crystallography of membrane proteins; molecular basis of aging in mitochondria by cryo-EM