Leopoldina
Nationale Akademie
der Wissenschaften

Curriculum Vitae Professor Dr. Martin Heisenberg

Name: **Martin Heisenberg**
Born: **7 August 1940**

Academic and Professional Career

2010 - 2013	Senior-Professor, Rudolf Virchow Center, Würzburg, Germany
1975 - 2009	Professor of Genetics, Head of Department of Genetics, Institute of Genetics and Microbiology, Würzburg University, (since 1992: Biozentrum; Theodor Boveri Institute for Bioscience; since 2000: Professor for Genetics and Neurobiology)
1975	Visiting Research Fellow, University of Utah, Salt Lake City, USA
1968 - 1975	Research Assistant, Max Planck Institute for Biological Cybernetics, Tübingen (with Karl-Georg Götz), Germany
1966 - 1968	Postdoctoral Research Fellow, California Institute of Technology (with Max Delbrück), USA
1964 - 1966	Ph.D., Biochemistry, Tübingen University, Germany
1959 - 1964	Diplom in Chemistry, Tübingen University, Germany

Functions in Scientific Societies and Committees (Selection)

2008 - 2012	University Board, Technische Universität Ilmenau, Germany
2007 - 2013	Board of Trustees, of Leibnitz Institute for Neurobiology, Magdeburg, Germany
2007 - 2010	President, International Society of Neuroethology

since 2001 Editiorial Board, Genes, Brain and Behavior

since 1993 Editorial Board, Learning & Memory

since 1990 Editorial Board, Neuroscience Research

since 1989 Associate Editor, J. Neurogenetics

1983 - 1989 Editorial Board, J. Neurogenetics

Honours and Awarded Memberships (Selection)

2009 Honorary Doctorate, Université Paul Sabatier, Toulouse, France

2006 Karl Ritter von Frisch Medal, Germany

2001 Berlin-Brandenburg Academy of Sciences and Humanities, Germany

1999 Göttingen Academy of Sciences and Humanities, Germany

1998 Academia Europaea

1989 German National Academy of Sciences Leopoldina

Major Scientific Interests

Since 1968 MH investigates brain and behaviour of Drosophila using genetics in neuroethology. His early studies of the fly visual system are summarized in a book "Vision in Drosophila" (1984; with R. Wolf). He currently focuses on visual pattern recognition, the localization of memory traces, the role of initiating activity in operant conditioning, selective attention, and motivation. His goal is to establish a basic behavioral model of the brain.