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## Curriculum Vitae Prof. Dr. Friedrich G. Barth

**Name:** Friedrich G.Barth  
**Born:** 18 April 1940  
**Family Status:** married



### Academic and Professional Career

since 2008 Professor Emeritus, University of Vienna Austria

1987 - 2008 Professor of Zoology / Neurobiology, Head of Department of Neurobiology,  
University of Vienna, Austria

1974 - 1987 Professor of Zoology, J.W.Goethe-University, Frankfurt am Main, Germany

1971 Habilitation at the Ludwig-Maximilian University, Munich, Germany

1967 Ph.D. Ludwig Maximilian University, Munich, Germany

1962 - 1963 Studies in neurobiology and physiology at the University of California, Los Angeles,  
USA

1959 - 1962 Studies in zoology, botany, physics, chemistry, and human physiology at the Ludwig  
Maximilian University, Munich, Germany

### **Functions in Scientific Societies and Committees (Selection)**

- since 2007 Editorial Board, Journal of Bionic Engineering
- 2006 - 2008 President, Austrian Neuroscience Association
- since 2004 Member, Governing Council , International Brain Research Organization
- since 1996 Editor in Chief, Journal of Comparative Physiology A: Neuroethology, Sensory, Neural and Behavioral Physiology
- 1994 - 1995 Founding President, Austrian Neuroscience Association
- 1983 - 1989 Member, Board of the German Zoological Society
- 1983 - 1988 Editor, Proceedings of the German Zoological Society
- 1981 - 1983 Dean, Faculty of Biology, J.W. Goethe University, Frankfurt / Main, Germany
- 1976 - 1977 Director, Institute of Zoology, J.W. Goethe University, Frankfurt / Main, Germany
- 1975 - 2009 Vertrauensdozent, Studienstiftung des Deutschen Volkes

### **Honours and Awarded Memberships (Selection)**

- since 2008 Member, European DANA Alliance for the Brain
- 2007 Award of the City of Vienna for Science and Technology
- 2001 Kardinal-Innitzer Prize
- 2000 Karl Ritter von Frisch Medal and Award
- since 1999 Member, German National Academy of Sciences Leopoldina
- since 1998 Corresponding Member, Bavarian Academy of Science
- since 1996 Member, Academia Europaea
- since 1995 Member (full), Austrian Academy of Science
- 1991 - 1995 Corresponding Member, Austrian Academy of Science
- 1991 Russel S. Springer Professor of Mechanical Engineering, University of California at Berkeley

- since 1987      Member, Scientific Society at the Johann Wolfgang Goethe University, Frankfurt /  
Main, Germany
- 1959 - 1967      Member, Studienstiftung des Deutschen Volkes

### **Major Scientific Interests**

Research Fields: Neurobiology, biology and “design” of invertebrate sensory systems; neuroethology; communication; biomechanics, biomaterials; bio-inspired technology. Interdisciplinary long-term cooperation with engineers and physicists.

Teaching: Supervised 33 Ph.D. and 62 Diploma studies; several guest professorships abroad (among others in India, Japan, USA ).

Publications: More than 180 full papers, 10 authored/edited books.