

## Helmut Wieczorek, Professor Emeritus

### Education

- 1968-1971 Studied Biology (major), Chemistry and Physics (minor) at the University of Heidelberg, Staatsexamen (equivalent to M.S.) in Biology, Chemistry and Physics. Thesis on the "Biology of bracken fern insects" in the research group of Professor Fritz Schremmer
- 1972-1974 Ph.D. thesis on the "Glycoside receptor of the larva of *Mamestra brassicae*" in the research group of Professor Kai Hansen (University of Regensburg)

### Research and Professional Experience

- 1975-1983 Research Associate, University of Regensburg. Electrophysiological and biochemical studies on function and specificity of gustatory receptor cells in insects
- 1982 Habilitation in Zoology
- 1983-1985 Heisenberg Fellow of the German Research Foundation (DFG)
- 1984-1999 Long term collaboration with Professor William R. Harvey (Temple University, Philadelphia) on the active potassium transport in insects. Worked 1984 at Temple University
- 1986-1997 Associate Professor of Zoology, University of Munich
- 1996 Offer for the Chair of Animal Physiology, University of Bochum, offer for the chair of Zoology, University of Karlsruhe
- 1997 Offer for the chair of Animal Physiology, University of Osnabrück
- 1997-2017 Full Professor of Animal Physiology, University of Osnabrück  
Main research focus on Molecular and Cellular Physiology, especially on transport proteins (V-ATPases, H<sup>+</sup>/sucrose transporters)
- 2004-2017 Long term collaboration with Professor Klaus W. Beyenbach (Cornell University, Ithaca) on the molecular physiology of ion transport in the Malpighian tubules of *Aedes aegypti*

### Funding

- 1977-2017 Continuous Funding by the DFG
- 1991-1993 European Community, "Science"-Program
- 1992-1999 Co-Principal-Investigator in the NIH project of Professor William R. Harvey
- 2004 Mercator Guest Professorship (DFG) for Professor Klaus W. Beyenbach (Cornell University, Ithaca)
- 2007-2008 Mercator Guest Professorship (DFG) for Professor Gerd Gäde (University of Cape Town)
- 2007-2010 VolkswagenStiftung

### Teaching Activities

- 1975-2017 Practical courses, seminars and lectures in nearly any area of Zoology, especially in Molecular Physiology and Molecular Cell Biology
- 2014-pr Lecture on Immunobiology (winter term)
- 1992-1993 Head of the Faculty Commission for the reform of undergraduate studies in Biology
- 1993 First Teaching Award, Faculty of Biology, University of Munich

### Further Activities

- 1979-2017 Served in various activities regarding self-administration at the University
- 1989-1997 Member of the Chairmen Board of the Zoological Institute at the University of Munich
- 1993-2016 Member of the Editorial Board of the Journal of Experimental Biology
- 1994-1998 Member of the Advisory Board of the German Zoological Society
- 1999-2002 Member of the Executive Board of the German Zoological Society
- 2000-2003 Coordinator, PhD Program of the German Research Foundation in Osnabrück:  
Molecular Physiology - Interactions between Nanostructures (Graduiertenkolleg 612)
- 2001-2002 Dean, faculty of Biology/Chemistry, University of Osnabrück
- 2003 Member of the Academic Senate, University of Osnabrück
- 2004-2011 Coordinator, Collaborative Research Center of the DFG in Osnabrück:  
Membrane Proteins - Functional Dynamics and Coupling to Reaction Chains (SFB 431)
- 2004-2016 Member of the Editorial Board of Frontiers in Zoology
- 2009-2011 Dean, Faculty of Biology/Chemistry, University of Osnabrück