

Walter Robert Rosenthal

CURRICULUM VITAE

Born: October 11, 1954

Place of birth: Siegen/Westphalia, Federal Republic of Germany

Citizenship: German

Marital status: married to Elke Rosenthal, three children

Education, Research and Professional Experiences

- 1961 - 1973 Primary and secondary education in Siegen, Westphalia
- 1973 - 1974 Civil Service, German Red Cross, Freudenberg, Westphalia
- 1974 - 1980 Medical student, Justus-Liebig-Universität Gießen, Hesse
- 1980 - 1981 Medical student, Royal Free Hospital, School of Medicine, London
- 1981 License to practice medicine, Justus-Liebig-Universität Gießen, Hesse
- 1977 - 1982 Doctoral student, Rudolf-Buchheim-Institut für Pharmakologie, Justus-Liebig-Universität Gießen (Dr. H. Glossmann)
Title of doctoral thesis: "Drug-induced changes in levels of cyclic nucleotides in guinea pig lung. Consideration of quantitative aspects."
- 1983 Degree (Dr. med.)
- 1982 - 1983 Assistant in a medical practice, Ulmtal (Hesse)
- 1983 - 1984 Postdoctoral fellow, Pharmakologisches Institut, Ruprecht-Karls-Universität Heidelberg (Dr. G. Schultz),
Guest scientist, Department of Cell Biology, Baylor College of Medicine, Houston, Texas (Dr. L. Birnbaumer):
Studies on the regulation of adenylyl cyclase and purification of G-proteins
- 1984 - 1991 Postdoctoral fellow, Institut für Pharmakologie, Freie Universität Berlin (Dr. G. Schultz):
Studies on the isolation and characterization of G-proteins, involvement of G-proteins in the modulation of Ca²⁺ channels and other effectors.
- January 1990 Habilitation (*venia legendi*) in Pharmacology and Toxicology at the Freie Universität Berlin; Title awarded Privatdozent (PD)
Title of habilitation thesis: "Involvement of regulatory guanine nucleotide-binding proteins in the modulation of ion channels by extracellular signals"
- 1991 - 1993 Visiting professor, Department of Cell Biology, Baylor College of Medicine, Houston, Texas (Dr. M. Birnbaumer)
- 1992 Offer of an Associate professorship for biochemical pharmacology, Universität Gesamthochschule Essen (declined)
- 1993 - 1996 Professor and Chairman, Rudolf-Buchheim-Institut für Pharmakologie, Justus-Liebig Universität Gießen, Germany (on leave until 1998)
- 1996 - 2008 Director, Forschungsinstitut für Molekulare Pharmakologie (FMP), Berlin, Germany

1998 - 2003	Professor, Institut für Pharmakologie, University Hospital Benjamin Franklin, Free University of Berlin
2001	Offer of a full professorship for Pharmacology and Toxicology and chair at the Ruprecht-Karls-Universität, Heidelberg (declined)
since 2003	Full Professor and Chair, Institut für Pharmakologie, Charité –University Medicine Berlin
2005 - 2007	Vice spokesman, Life Science Section of the Leibniz Association
2005 - 2007	Spokesman, Board of Directors of the Forschungsverbund Berlin
2007 – 2008	Spokesman, Life Science Section and member of the steering committee of the Leibniz Association
Since Jan. 2009	Scientific Director of the Max Delbrück Center for Molecular Medicine (MDC) Berlin-Buch

Other professional activities

2003 – present	Member of the Scientific Advisory Board, Hans-Knöll-Institut (HKI), Jena
2004 – 2010	Member of the Scientific Committee and Board of Trustees, Deutsches Institut für Ernährungsforschung (DIFE), Potsdam
2004 - 2007	Board Member and treasurer, Verbund biowissenschaftlicher und biomedizinischer Gesellschaften (vbbm)
2006 – 2008	Board Member, Deutsches Diabetes Zentrum (DDZ), Düsseldorf
2000 – present	Member of Editorial Board (Editor-in-chief) Journal of Molecular Medicine, Springer-Verlag, Heidelberg
2003 – present	Member of Editorial Board, Handbook of Experimental Pharmacology Series, Springer-Verlag, Heidelberg-Berlin

Current research activities

G-protein-coupled receptors, aquaporins, anchoring proteins (AKAP) (trafficking, protein-protein interactions defects underlying human disease)

Scholarships

1980-1981	Scholarship of the German Academic Exchange Service
1983	Scholarship of the Boehringer Ingelheim Fonds
1991-1993	Heisenberg-scholarship of the Deutsche Forschungsgemeinschaft