

Biographical Sketch *Roland Seifert*

Date and place of birth	December 5 th , 1960, Berlin, Germany
Family status	Married with Katharina Wenzel-Seifert, MD; two daughters (Pauline, 14 years and Johanna, 16 years)
Current position	Professor and Chairman, Department of Pharmacology and Toxicology, Faculty of Chemistry and Pharmacy and Medical Faculty, University of Regensburg
Education	1979: High school diploma in Berlin, Germany 1979-1985: Medical School, Free University of Berlin, Germany 1983-1985: Fellow of the Merit Scholar Foundation of Germany 1986: MD degree; thesis subject: Nicotinamide methylation
Postdoctoral training	1986-1995: Pharmacology and Toxicology, Free University of Berlin, Germany (Laboratory of Prof. Dr. Günter Schultz) 1991: Accreditation as Specialist for Pharmacology and Toxicology
Positions abroad	1995-1998: Postdoctoral fellow with Dr. Brian Kolbilka at the Howard Hughes Medical Institute, Stanford University, Palo Alto, CA, USA 1998-2004: Associate Professor for Pharmacology and Toxicology at the University of Kansas, Lawrence, KS, USA
Habilitation (~PhD)	1992: Pharmacology and Toxicology; thesis subject: Effects of histamine in HL-60 leukemia cells
Additional faculty positions	Since 1999: Courtesy Assoc. Prof. for Biochemistry, Univ. Kansas Since 2005: Adjunct Professor for Pharmacology, Univ. Kansas
Broad research field	Molecular analysis of GPCR- and G-protein-mediated signalling
Current research	<ul style="list-style-type: none"> • Histamine receptors (H₁-H₄) • Cannabinoid receptors (CB1 and CB2) • GPCR trafficking • Mammalian adenylyl cyclases • Bacterial adenylyl cyclase toxins • Lesch-Nyhan syndrome
Methodological approach	<ul style="list-style-type: none"> • Interdisciplinary collaboration with medicinal chemistry, molecular modelling, crystallography, organic chemistry, physical chemistry, bioanalytic chemistry, neurology • Protein expression- and purification, site-directed mutagenesis, radioligand binding studies, G-protein assays, protein analytics, fluorescence spectroscopy and -microscopy
Awards	1999 and 2002: J. R. and Inez Jay Award, University of Kansas 2002 and 2005: Teaching Excellence Award, University of Kansas
Teaching experience	<ul style="list-style-type: none"> • Pharmacology & Toxicology for medical students since 1986 • Clinical Pharmacology for medical students since 1989 • Pharmacology for dentistry students since 1990 • Pharmacology & Toxicology for pharmacy students since 1999 • Clinical Pharmacy for pharmacy students since 2005
Publications	125 original publications, 10 reviews, 14 book chapters
Grant support	Germany: German Federal Research Council (DFG), research grants and graduate training program Medicinal Chemistry, Leesmüller-Foundation, Amgen Inc. USA: National Institutes of Health, American Heart Association, US Army Research Office, Lesch-Nhyhan's Children's Research Foundation
Professional service duties	<ul style="list-style-type: none"> • Editorial Board <i>J Pharmacol Exp Ther</i>, <i>Biochem Pharmacol</i> und <i>Naunyn-Schmiedberg's Arch Pharmacol</i> 2004-2007 • Since 2007: Associate Editor <i>J Pharmacol Exp Ther</i> • Co-organizer of 4 scientific meetings since 2005 • Executive Director, Institute of Pharmacy (2005-2007)
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