

PROF. DR. HILMAR BADING

Date of birth: 03 November, 1958
 Gender: male

Address: Institute of Neurobiology
 Heidelberg University
 Im Neuenheimer Feld 364
 69120 Heidelberg
 Germany

Phone: +49-(0)6221-548218
 Email: Hilmar.Bading@uni-hd.de
 Current position: Professor at the University of Heidelberg
 Director of the Department of Neurobiology

Children: two (* 1996, * 1998)

**CURRICULUM VITAE****University education**

1981 - 1984 Predoctoral Fellow, Max-Planck-Institut für medizinische Forschung,
 Heidelberg University
 1978 - 1984 University of Heidelberg (Humanmedizin)

Scientific degree

1984 M.D., University of Heidelberg M.D. Thesis 1984, University of
 Heidelberg, Thesis Advisor: Prof. Wilhelm Hasselbach

Professional experience

2016 Foundation of FundaMental Pharma GmbH, Heidelberg
 2016 Foundation of the Stiftung BrainAid/Foundation BrainAid
 since 2006 Acting Director of the Interdisciplinary Center for Neurosciences (IZN),
 University of Heidelberg
 since 2001 Professor of Neurobiology, Director of the Department of Neurobiology,
 Interdisciplinary Center for Neurosciences (IZN) University of Heidelberg
 1993 - 2001 Group Leader, Staff Scientist, MRC Laboratory of Molecular Biology,
 Cambridge, England
 1989 - 1992 Postdoctoral Fellow, Prof. Michael E. Greenberg, Department of
 Microbiology and Molecular Genetics, Harvard Medical School, Boston
 1985 - 1989 Postdoctoral fellow, Prof. Karin Moelling, Max-Planck-Institut für
 molekulare Genetik, Berlin

Awards and honors

2016 Innovation Prize of the German BioRegions
 2015 Recipient of the ERC Proof-of-Concept Grant
 2008 Recipient of the ERC Advanced Grant
 2001 Wolfgang-Paul-Prize of the Alexander von Humboldt-Foundation

Editorial boards

1998 – 2000 Member of the Editorial Board of the Journal of Molecular Neuroscience

Memberships, panels and coordinating functions

Since 2007	Member of the Scientific Advisory Board of the Spemann Graduate School of Biology and Medicine of the University of Freiburg
2007– 2014	Member of the Selection Committee for International Max Planck Research Schools (IMPRS)
2007 – 2012	Member of the Steering Committee of the Excellence Cluster CellNetworks of the University of Heidelberg
Since 2000	Member of the <i>Faculty of 1000</i>
1998 – 2001	Member of the Wellcome Trust Neuroscience Panel

5 most important publications

Zhang SJ, Zou M, Lu L, Lau D, Ditzel DA, Delucinge-Vivier C, Aso Y, Descombes P, **Bading H**. Nuclear calcium signaling controls expression of a large gene pool: identification of a gene program for acquired neuroprotection induced by synaptic activity. PLoS Genet 2009;5:e1000604.

Hardingham GE, Fukunaga Y, **Bading H**. Extrasynaptic NMDARs oppose synaptic NMDARs by triggering CREB shut-off and death pathways. Nat Neurosci 2002;5:405-415.

Chawla S, Hardingham GE, Quinn DR, **Bading H**. CBP: a signal-regulated transcriptional coactivator controlled by nuclear calcium and CaM kinase IV. Science 1998;281:1505-1509.

Hardingham GE, Chawla S, Johnson CM, **Bading H**. Distinct functions of nuclear and cytoplasmic calcium in the control of gene expression. Nature 1997;385: 260-265.

Bading H, Ginty DD, Greenberg ME. Regulation of gene expression in hippocampal neurons by distinct calcium signaling pathways. Science 1993;260:181-186.