

# Prof. Dr. Dr. h. c. Michael Hoch

\* 21.10.1961 in Singen, Germany

## Current Position

Since 2015 Rector of the University of Bonn

## Education

1983-1989 Studies in Biology at the Ruprecht-Karls-University of Heidelberg  
 1987 Research Student with Prof. Moshe Yaniv, Institut Pasteur, Paris  
 1989 Diploma in Biology, Ruprecht-Karls-University, Heidelberg  
 1992 Dr. rer. nat. in Biology, Ludwig-Maximilians-University, Munich  
 1996 Venia legendi in Developmental Genetics and Cell Biology, Technical University of Braunschweig

## Academic Positions

1992-1994 Postdoctoral fellow, Department of Molecular Developmental Biology, Max-Planck-Institute for Biophysical Chemistry, Göttingen  
 1994-1998 Group leader (project group), Department of Molecular Developmental Biology, Max-Planck-Institute for Biophysical Chemistry, Göttingen  
 since 1999 Full Professor, Molecular Developmental Biology Chair, University of Bonn  
 2000-2002 Chairman, Institute of Animal Physiology, University of Bonn  
 2006-2015 Founding Director of the Life & Medical Sciences Institute (LIMES), University of Bonn  
 2015-present Rector of the University of Bonn

## Honors and Awards

1986-1989 Student Fellowship of the German National Merit Foundation (Studienstiftung des deutschen Volkes)  
 1989-1992 PhD Fellowship of the Boehringer Ingelheim Fonds (foundation for the promotion of basic research in biomedicine)  
 1996 Gerhard Hess-Young Investigator Award (German Research Foundation)  
 2000-2007 Member of the reviewer panel for the award of Post Graduate Fellowships of the DAAD (German Academic Exchange Service)  
 2009-2015 Member of the Minerva Fellowship Committee for the promotion of German/Israeli research, Max-Planck-Society, Munich  
 2010 Visiting Research Professor, Waseda University Tokyo, ASMeW  
 2013-2015 Member of the PhD Fellowship Selection Committee of the German National Merit Foundation (Studienstiftung des deutschen Volkes)  
 2017 Honorary Doctorate of Waseda University, Tokyo

## Selected Academic/Professional Offices

2001-2004 Speaker of the Research Unit FOR 425 "Aptamers, drugs, signaling molecules: combinatorial analysis of cellular functions and organogenesis"  
 2002-2004 Chairman of the Bonner Forum Biomedizin (BFB)  
 2003 Founder and Coordinator of the Undergraduate Study Program Molecular Biomedicine, Division Molecular Biomedicine, Faculty for Mathematics & Natural Sciences, University

- of Bonn
- 2003-2004 Chairman of the Division (Fachgruppe) “Biology” of the Faculty for Mathematics & Natural Sciences, University of Bonn
  - 2006-2009 Founding Head of the Division Molecular Biomedicine of the Faculty for Mathematics & Natural Sciences, University of Bonn
  - 2005-2016 Speaker of the Collaborative Research Center 645 (DFG) “Regulation and Manipulation of Information Flow within Dynamic Protein and Lipid Environments”
  - 2006-2010 Founder and Academic Director of the “Life Science & Culture Bonn” Program (summer program together with Harvard University)
  - 2008-2009 Coordinator of the international MSc *Program Life & Medical Sciences*, Division Molecular Biomedicine, Faculty for Mathematics & Natural Sciences, University of Bonn
  - 2008-2009 Member of spokesmen-council of the Bonn International Graduate Schools (BIGS) of the University of Bonn
  - 2008-2010 Vice Speaker of the International Graduate School NRW LIMES Chemical Biology, University of Bonn
  - 2012-2016 Member of the Steering Committee of the Bonn Excellence Cluster ImmunoSensation (DFG)
  - 2014-2015 Member of the Senate of the University of Bonn

## Selected Memberships and Functions

- Conference of the University Rectors of North Rhine Westphalia (Landesrektorenkonferenz Nordrhein-Westfalen): Member of the speakers council
- University Medical Center Bonn (Universitätsklinikum Bonn)
- Center for Development Research (ZEF): Member of the International Advisory Board
- Max-Planck-Institute for Radio Astronomy (Max-Planck-Institut für Radioastronomie): Member of the Board of Trustees
- CAESAR – Center of Advanced European Studies and Research: Member of the Foundation Board
- Zoological Research Museum Alexander Koenig (Zoologisches Forschungsmuseum Alexander Koenig): Member of the Foundation Board
- Center for Physics (Physikzentrum Bad Honnef der Deutschen Physikalischen Gesellschaft): Member of the Board of Trustees
- International Club La Redoute (Internationaler Club La Redoute), Bonn: Member of the Board of Trustees
- City of Bonn Ambassador
- Digital Hub Region Bonn: Chairman of the Advisory Board

## Selected Publications

- Mass E, Wachten D, Aschenbrenner AC, Voelzmann A, **Hoch M**. 2014. Murine Creld1 controls cardiac development through activation of calcineurin/NFATc1 signaling. *Developmental Cell* 28, 711-726. DOI: 10.1016/j.devcel.2014.02.012.
- Becker T, Loch G, Beyer M, Zinke I, Aschenbrenner AC, Carrera P, Inhester T, Schultze JL, **Hoch M**. 2010. FOXO-dependent regulation of innate immune homeostasis. *Nature* 463: 369-73.
- Bauer R, Voelzmann A, Breiden B, Schepers U, Farwanah H, Hahn I, Eckardt F, Sandhoff K, **Hoch M**. 2009. Schlank, a member of the ceramide synthase family controls growth and body fat in *Drosophila*. *EMBO J* 28: 3706-16.
- Behr M, Wingen C, Wolf C, Schuh R, **Hoch M**. 2007. Wurst is essential for airway clearance and respiratory tube size control. *Nat Cell Biol* 9: 847-53.
- Fuss B, Becker T, Zinke I, **Hoch M**. 2006. The cytohesin Steppke is essential for insulin signalling in *Drosophila*. *Nature* 444: 945-8.