

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
 2019 University Manager of the Year 2019
 2020 Signature in the "Golden Book" of the City of Bonn
 2020 Rector of the Year 2020

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 (Member Supervisory Board 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 Crelm1 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.