

CURRICULUM VITAE

Prof. Dr. Michael Bott

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IBG-1: Biotechnology

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Scientific career

- since 11/2007 Director of the Institute of Bio- and Geosciences, IBG-1: Biotechnology (previously Institute of Biotechnology 1) of Forschungszentrum Jülich and Professor of Biotechnology at the University Düsseldorf
- 1998 – 2007 Professor of Biochemistry at the University of Düsseldorf and head of biochemistry department at the Institute of Biotechnology 1 of Forschungszentrum Jülich
- 1998 Habilitation and Venia Legendi in Microbiology, ETH Zürich
- 1991 – 1998 Research associate and group leader, Institute of Microbiology, ETH Zürich
- 1989 – 1990 Postdoc, Institute of Microbiology, ETH Zürich, DFG fellowship
- 1987 – 1988 Postdoc, Laboratory of Microbiology, Marburg
- 1987 Dr. rer. nat. at the University of Marburg
- 1985 – 1987 Doctoral studies, Laboratory of Microbiology, University of Marburg
- 1985 Diploma in Microbiology, Biochemistry, Zoology and Botany
- 1979 – 1985 Diploma studies in Biology at the University of Marburg

Scientific activities

- 2010 - 2014 Coordinator of the BMBF-funded research cluster “SysEnCor: Systems biological characterisation of the energy budget of *Corynebacterium glutamicum*”
- 2009 - 2013 Coordinator of the BMBF-funded GenoMik-Transfer research cluster “*Corynebacterium*: improving flexibility and fitness for industrial production”
- since 2009 Editorial board of “Microbial Biotechnology”
- since 2009 Editor of “FEMS Microbiology Reviews”
- since 2008 Member of DECHEMA e.V.
- 2005 – 2009 Coordinator of the BMBF-funded GenMik-Plus research cluster “Primary metabolite producers”
- 2004 – 2006 Member of the „Arbeitskreis Weiße Biotechnologie“ of DECHEMA e.V.
- 2000 – 2005 Member of the “Zukunftsforum Biotechnologie” of DECHEMA e.V.
- since 1985 Member of the Vereinigung für Allgemeine und Angewandte Mikrobiologie (VAAM)

Research topics and teaching

- Metabolism, regulation, and signal transduction in biotechnologically relevant bacteria
- Development of microbial production strains, biosensors, synthetic biology
- Lectures in microbiology, biochemistry, biotechnology, and functional genomics
- Courses in molecular and applied microbiology

Publications and patents

- 150 original articles in peer-reviewed journals, 32 reviews and book articles
- Editor of the „Handbook of *Corynebacterium glutamicum*“ together with Dr. L. Eggeling
- Inventor of 8 patents and 11 patent applications