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Academic Education

01/1984-03/1988 PhD student, TU BERLIN, Berlin, Germany
07/1983-09/1985 Exp. research at the Lehrstuhl für Allg. Botanik, RUHRUNIVERSITÄT BOCHUM, Germany
10/1978-06/1983 Studies of Biology, RUHRUNIVERSITÄT BOCHUM, Germany

Academic Degrees

12/1999 Habilitation, Molecular Microbiology and Genetics, SWISS FEDERAL INSTITUTE OF TECHNOLOGY (ETH) Zurich, Switzerland, Mentor: Prof. M. Aebi
03/1988 Dr. rer. nat, Microbiology and Food Technology, TU BERLIN, Germany, Mentor: Prof. U. Stahl
07/1983 Diploma, Biology (Botany, Microbiology, Organic Chemistry), RUHRUNIVERSITÄT BOCHUM, Germany, Mentor: Prof. K. Esser

Professional Career

04/2010-03/2012 Vice-Dean of the Faculty of Forest Ecology and Forest Sciences of the GEORG-AUGUST UNIVERSITY, Göttingen, Germany
04/2008-03/2010 Dean of the Faculty of Forest Ecology and Forest Sciences of the GEORG-AUGUST UNIVERSITY, Göttingen, Germany
since 08/2001 Full Professor (C4) of Molecular Wood Biotechnology (since 2007 Professor of Molecular Wood Biotechnology and Technical Mycology), Head of the Dept. of Molecular Wood Biotechnology (since 2007 Dept. of Molecular Wood Biotechnology and Technical Mycology), Büsgen-Institute (prior to that Institute of Forest Botany), GEORG-AUGUST UNIVERSITY, Göttingen, Germany
04/2001-07/2001 Procurator (half time) of the DBU (Deutsche Bundesstiftung Umwelt)-founded chair of Molecular Wood Biotechnology, Institute of Forest Botany, GEORG-AUGUST UNIVERSITY, Göttingen, Germany
10/1994-07/2001 Group Leader (Oberassistentin; in 04-07/2001 half time), ETH ZURICH, Switzerland
07/1993-09/1994 Violette and Samuel Glasstone Fellow of the University of Oxford in the Department of Plant Sciences, UNIVERSITY OF OXFORD, Oxford, UK
10/1991-06/1993 Post-Doc, Dept. of Plant Sciences, UNIVERSITY OF OXFORD, UK, with Prof. L. Casselton
02/1991-05/1991 Part-time lecturer for Microbial Physiology and Genetics at BIRKBECK COLLEGE, UNIVERSITY OF LONDON, UK
07/1990-09/1991 Post-Doc, Queen Mary and Westfield College, UNIVERSITY OF LONDON, UK, with Prof. L. Casselton
07/1988-06/1990 Post-Doc, Inst. Plant Physiol. and Microbiology, FU BERLIN, Germany with Prof. B. Friedrich
02/1988-06/1988 Research assistant, VERSUCHS- UND LEHRANSTALT FÜR BRAUEREI, Berlin

Fellowships, Awards and Honors

since 2011 Member: Senate's Policy Committee of the Georg-August University, Göttingen
since 2010 Member, nominated by the German Bishops' Conference: Academic Council of the Catholic Academic Exchange Service (KAAD)
2005-2007 Member: Senate's Commission for Equal Opportunities, Georg-August University, Göttingen
since 2004 Elected spokesperson of the Section Mycology of the German Society for General and Applied Microbiology (VAAM; 3 re-elections)
1999 Monetary Prize for Excellent Teaching, awarded by the Directorate of the Institute for Microbiology, ETH Zurich, Switzerland
1998 Award of the Department of Biology, ETH Zurich, Switzerland of a position for promotion of females in science
1993 Award of a Violette and Samuel Glasstone Research Fellowship of the University of Oxford (one of three fellows selected from 150 applicants)
1993 SERC Merit Award (Science and Engineering Research Council, UK) for Excellent Achievements in Fungal Genetics Research
1985-1987 Max-Buchner Stipendiate; DECHEMA, Frankfurt

Editorial Boards

since 2011 Elected member of Editorial Board: Applied and Environmental Microbiology (2011-2013)
since 2007 Member of Editorial Group: Current Trends in Biotechnology and Pharmacy
since 2006 Editor: Fungal Genetics and Biology
since 2001 Editor: Current Genetics
since 1999, 2006 Editor, since 2006 promoted to International Editor: Applied Microbiology and Biotechnology

Five most important publications since 2007

1. Floudas D, ..., Kües U, ..., Eastwood DC, Martin F, Cullen D, Grigoriev IV, Hibbett DS (2012) The paleozoic origin of enzymatic lignin decomposition reconstructed from 31 fungal genomes. *Science* 336: 1715-1719 [Comment to the paper in Perspective: *Science* 336: 1649-1650].
2. Eastwood DC, ..., Kües U*, Hibbett DS*, Hoffmeister D*, Högberg N*, Martin F*, Grigoriev IV*, Watkinson SC* (2011) The plant cell wall-decomposing machinery underlies the functional diversity of forest fungi. *Science* 333: 762-765 [*PIs].
3. Stajich JE, ..., Kües U, ..., Pukkila PJ (2011) Insights into evolution of multicellular fungi from the assembled chromosomes of the mushroom *Coprinopsis cinerea* (*Coprinus cinereus*). *Proc Natl Acad Sci USA* 107: 11889-11894 [Journal Cover; Commentary to the paper: *Proc Natl Acad Sci USA* 107: 11655-11656].
4. Courty PE, Hoegger PJ, Kilaru S, Kohler A, Buée M, Grabaye J, Martin F, Kües U (2009) Phylogenetic analysis, genomic organization, and expression analysis of multi-copper oxidases in the ectomycorrhizal basidiomycete *Laccaria bicolor*. *New Phytol* 182: 736-750.
5. Niculita-Hirzel H, Labbé J, Kohler A, le Tacon F, Martin F, Sanders IR, Kües U (2008) Gene organization of the mating type regions in the ectomycorrhizal fungus *Laccaria bicolor* reveals distinct evolution between the two mating type loci. *New Phytol* 180: 329-342.