

Curriculum vitae - Michael Hofreiter

Scientific career

- May 1999 - October 2002 PhD thesis in the Department of Genetics, Max Planck Institute for Evolutionary Anthropology, Leipzig; supervisor Prof. Dr. Svante Pääbo
1. 11. 2002 - 30. 6. 2004 Postdoc with Prof. Dr. Svante Pääbo, Department of Genetics, Max Planck Institute for Evolutionary Anthropology, Leipzig
1. 7. 2004 – 30. 4. 2005 Group leader, Department of Genetics, Max Planck Institute for Evolutionary Anthropology, Leipzig
1. 5. 2005 – 31. 3. 2010 Group leader Research Group “Molecular Ecology”
1. 4. 2009 – 31.3.2014 Professor for Evolutionary Biology and Ecology, University of York
- Since 1. 10. 2013 Professor for Evolutionary Adaptive Genomics / General Zoology, University of Potsdam

Research group and funding

I have headed research groups with up to 25 members, supported by research awards totalling more than €4 million, including a Max Planck junior research group award in 2005 and an ERC consolidator grant in 2012. Including grants I was or am Co-I or named collaborator on, my total research funding during the last 10 years is more than € 8 million. I have (co-) supervised 9 PhD students, 12 diploma students (5 of the former and 7 of the latter as sole supervisor), 4 master’s students and 6 final year project students. Currently I am supervising 5 PhD students as co-supervisor and 5 PhD students as main supervisor. I am also currently supervising 3 researchers on the postdoc level, and have previously supervised three further postdocs. Two of my supervised postdocs are now holding tenured faculty positions on the lecturer level (Dr. Michael Knapp at Otago University and Dr. Camilla Speller at the University of York). In addition to my research duties, I was Biological Safety officer at the MPI for Evolutionary Anthropology until April 2009. In York I was responsible for the York Biology Open Lecture series and a member of the Graduate Studentships Committee from 2011-2013. In Potsdam I am a member of the committee for equal opportunities and from 1st October 2016 a member of the department steering group.

Scientific service

I have been an associated editor of *PLoS One* from its inception in 2006 till 2016 and associate editor of *BMC Evolutionary Biology* since 2009. I was an editorial board member of the newly founded journal *Investigative Genetics* from its inception in 2009 until 2016, of *Scientific Reports* since 2011 and of the Cambridge University Press series “Cambridge studies in Morphology and Molecules: New Paradigms in Evolutionary

Biology". Since 2014 I am editorial board member of the recently founded online journal STAR and I also was editorial board member of the journal *Human Biology* from 2008-2013. Since 2016, I am editorial board member of *Genes*.

I have reviewed several hundred manuscripts for more than 70 international scientific journals (including *Nature*, *Science*, *Current Biology*, *PLoS Biology* and *PNAS*) and applications for 25 granting agencies, including the German Research Council (DFG), the BMBF, NERC, the Leverhulme Trust, NSF and ERC.

Research Output

To date, I have published 19 book chapters and 164 (79 as first, senior or sole author) scientific articles (135 peer reviewed; excluding conference abstracts), 130 of which are listed in PubMed, including 13 in *Science*, 6 in *Nature*, 1 in *Nature Genetics*, 5 in *Nature Communications*, 13 in *Proceedings of the National Academy of Science, USA*, 3 in *PLoS Biology* and 8 in *Current Biology*. In addition, I have published 1 book and 3 journal special issues as editor. My articles have so far been cited more than 12,000 times according to Google Scholar (more than 7,000 times according to Web of Science).

Esteem Indicators

I have given keynote and/or invited talks at a variety of international conferences, including the keynote lectures at the 24th World Congress of the International Society for Forensic Genetics in Vienna in 2011 and at the 86th meeting of the German Society for Mammalian Biology in 2012. In 2015 I was invited as keynote lecturer at the 9th conference of the International Society for Applied Biological Sciences and at the 6th International Barcode of Life conference and in 2016 at the Annual Conference of the German Genetics Society. In addition, I have given numerous lectures at universities and other conferences, as well as public lectures, summing up to more than 100 talks presented by me to date.

I was co-organiser for two Royal Society meetings ("Ancient DNA: the first three decades" and "Ancient DNA: applications in human evolutionary history") that took place November 2013.

Awards and honors

2008 Guest professor at the University of Vienna

2008 Samuel Weiner distinguished visitor award by the University of Manitoba

Key scientific achievements

I and my team have enjoyed international success in the application of ancient DNA techniques for investigating various aspects of evolutionary biology and ecology in paleontological research. I have received widespread recognition for my pioneering research which has lead directly to a significant number of wholly new directions in the study of ancient DNA and underpin the blossoming of this research area ('*Digging out Fossil DNA*', No 2 Breakthrough of the Year, 2006; 'Paleogenomics' named an Area to Watch for 2008, "*Insights of the decade*" 2010, explicitly discussing several of my publications, all *Science* magazine).

Public relations

My work has frequently been covered by a broad range of media in hundreds of articles, including numerous major newspapers and magazines all around the world (e.g. BBC, National Geographic, Spiegel Online, Tagesspiegel, and many others).