

Academic Curriculum Vitae - Prof. Dr. Manfred Kayser

Vita

- 2008-today Full Professor 1 (*O. Univ.-Prof. / W3 Univ.-Prof. / Lehrstuhl / Ordinarius* equivalent) & Chairman of Forensic Molecular Biology, Erasmus University Medical Centre
- 2006-2007 Visiting Professor for human evolutionary genetics, University of Cologne
- 2004-today Head, newly founded Department of Forensic Molecular Biology, Erasmus MC
- 2004-2008 Full Professor 2 (*O. Univ.-Prof. / W2 Univ.-Prof. / Lehrstuhl* equivalent) & Chairman of Forensic Molecular Biology, Erasmus University Medical Centre Rotterdam
- 2004 Heisenberg Fellow of the Deutsche Forschungsgemeinschaft at Max Planck Institute for Evolutionary Anthropology (own group)
- 2004 Honorary Lecturer for Genetics (*Priv.-Doz.*) University of Leipzig
- 2004 Habilitation in Genetics (*Dr.rer.nat.habil.*) University of Leipzig, formal recognition as university teacher for genetics, thesis on human Y chromosome population genetics and human population history
- 1999-2003 Staff Research Scientist at Department of Evolutionary Genetics, Max Planck Institute for Evolutionary Anthropology Leipzig (with Prof. M. Stoneking)
- 1998-1999 Post-doctoral fellow at Anthropological Genetics Laboratory, Department of Anthropology, Pennsylvania State University (with Prof. M. Stoneking)
- 1998 Doctoral Degree in Biology / Genetics (*Dr.rer.nat.*) Humboldt-University Berlin with *summa cum laude*, thesis on Y chromosome molecular genetics with anthropological and forensic applications
- 1995 Visiting Scientist at Chromosome Molecular Biology Group, Department of Biochemistry, Oxford University (with Dr. C. Tyler-Smith)
- 1995 Visiting Scientist at Forensic Laboratory for DNA Research, Department of Human and Clinical Genetics, Leiden University Medical Center (with Prof. P. de Knijff)
- 1994-1998 *Ph.D.* student at Genetics Research Laboratory, Department of Legal Medicine, Charité, Humboldt-University Berlin (Supervisor: Prof. L. Roewer)
- 1994 Diploma in Biology (*Dipl.-Biol.*) University of Leipzig with *magna cum laude*, thesis on human and non-human primate microsatellite evolution
- 1989-1994 Study of Biology University of Leipzig (genetics, zoology, biochemistry, ecology)

Grants and Awards

- 2011-2014 *From genotype to phenotype: Molecular photofitting*, Australian Research Council, 196,692.00 Au\$ with several partners
- 2011-2013 *A centralised facility for sequence to phenotype analyses*, Netherlands Organization for Scientific Research, 0.9 Mio EUR with several partners
- 2011-2013 *Netherlands Consortium of Healthy Ageing*, Netherlands Genomics Initiative, 0.5 Mio EUR with one equal partner
- 2008-2013 *Forensic Genomics Center Netherlands*, Netherlands Genomics Initiative, 6.5 Mio EUR with two equal partners
- 2008-2012 *Human Genomic Research*, Netherlands Forensic Institute, 4.5 Mio EUR
- 2006-2009 *SFB 680 Molecular Basis of Evolutionary Innovations*, University of Cologne, Deutsche Forschungsgemeinschaft, 414,400.00 EUR with one partner
- 2006-2009 *Forensic Molecular Biology*, Fonds Schiedam Vlaardingen, 227,000.00 EUR
- 2004 Heisenberg Fellowship for 3 years, Deutsche Forschungsgemeinschaft returned after 3 months due to appointment as Full Professor at Erasmus University
- 2004 International Fellowship Environmental Science and Research New Zealand
- 1998 Konrad Händel Research Award of the German Society of Legal Medicine

Scientific publications

>120 articles in peer-reviewed scientific journals most as first / last author, 14 book chapters (see publication list for details)

Sum of times cited without self-citations: 4242, H Index: 37 (Web of Science Jan 2012)

Invited speaker to conferences, courses and institutions

145 invited talks (see publication list for details)

Editorial activities scientific journals

Founding Co-Editor-in-Chief: *Investigative Genetics* (since 2009)

Associate Editor: *Journal of Human Genetics* (since 2011)

Academic Editor: *PLoS One* (since 2009)

Member of Advisory Board: *International Journal of Legal Medicine* (since 2011)

Member of Editorial Board: *The Application of Clinical Genetics* (since 2008)

Member of Editorial Board: *Journal of Biomedicine and Biotechnology* (since 2008)

Ad hoc peer-reviewer scientific journals

American Journal of Human Genetics*, American Journal of Physical Anthropology*, American Journal of Human Biology, Annals of Human Genetics*, BMC Genetics*, BMC Evolutionary Biology*, Current Anthropology, Electrophoresis, European Journal of Human Genetics*, Experimental Dermatology, Forensic Science International, Forensic Science International: Genetics*, Genetics, Genome Letters, Genome Biology*, Genome Research, Heredity, Human Biology*, Human Genetics*, Human Heredity, Human Mutations*, Human Molecular Genetics*, International Journal of Legal Medicine*, Journal of Ethnic and Migration Studies, Molecular Biology and Evolution*, Molecular Biology Reports, Nature, Nucleic Acids Research, Pigment Cell & Melanoma Research, PLoS Genetics, PLoS One*, Trends in Biotechnology, * more regularly

Ad hoc peer-reviewer grant proposals

U.S. National Science Foundation, British Royal Society, Deutsche Forschungsgemeinschaft, Netherlands Organization of Scientific Research, South African National Research Foundation, German-Israeli Foundation for Scientific Research, National Sciences and Engineering Research Council of Canada, Icelandic Research Fund

Organizer of symposia and workshops

- | | |
|------|---|
| 2011 | Workshop <i>Forensic DNA Phenotyping</i> , 22 nd International Symposium on Human Identification, National Harbor, U.S.A. (to be in October 2011) |
| 2009 | 1 st International Visible Trait Genetics Consortium Meeting, Rotterdam, NL |
| 2006 | International Symposium <i>Forensic Genetics: Science against Crime</i> , Erasmus University Rotterdam, Rotterdam, NL |
| 2002 | Workshop <i>Y Chromosome Analysis and its Application to Forensic Casework</i> , 54 th American Academy of Forensic Sciences Conference, Atlanta, U.S.A. |

Academic teaching

Supervisor of 5 *B.Sc.*, 12 *M.Sc.*, and 5 *Ph.D.* students, committee member of several additional *Ph.D.* students in The Netherlands, Italy, Australia, and Finland

Lectures, seminars and courses on genetic anthropology, human evolutionary genetics, human biology, human genetics, and forensic genetics at various universities in Netherlands, Germany, Italy, Spain, and Venezuela

Field work

Papua New Guinea (2x), West Papua (Indonesia), Solomon Islands

Memberships of professional organizations

International Society of Forensic Genetics

American Society of Human Genetics