

**Curriculum Vitae**  
**Univ.- Prof. Dr. rer. nat. Dipl.-Biol. Christa Schleper**

Faculty of Life Sciences, University of Vienna  
Vice-Head Department of Ecogenomics and Systems Biology  
Archaea Biology and Ecogenomics Division  
Althanstraße 14, 1090 Vienna, Austria  
Tel +43 1 4277 76510, Email: [Christa.Schleper@univie.ac.at](mailto:Christa.Schleper@univie.ac.at)  
<http://genetics-ecology.univie.ac.at>

**Personal data**

Born 1962 in Oberhausen, Germany, German Citizenship  
Two children (\*2001 and \*2003)

**Education**

1982 Graduation Highschool (Oberhausen, Germany)  
1982 - 1985 Studies in biology, sociology and languages (University of Aachen, Germany)  
1985 - 1989 Studies in biology, diploma (University of Konstanz, Germany)  
1989 - 1993 Doctorate (PhD) (Max-Planck Institute for Biochemistry, Martinsried, Germany)  
2002 Habilitation, *venia legendi* in Microbiology and Genetics, (Univ. of Darmstadt, Germany)

**Career**

1994 - 1995 Postdoctoral fellow, Max-Planck-Inst. for Biochemistry, Munich, Germany (with Wolfram Zillig) studying novel strains and genetic elements of hyperthermophilic Archaea  
1995 Postdoctoral fellow at CALTEC, Californian Institute of Technology, Pasadena (with Mel Simon) studying signal transduction in Archaea  
1996 - 1997 Postdoctoral fellow, Univ. of Sta. Barbara, California, USA (with Edward Delong) studying ecology and evolution of marine Archaea with metagenomics  
1998 - 2004 Assistant Professor, group leader, University of Darmstadt, Germany with focus on transcriptomics and metagenomics of soil  
2004 - 2007 University Professor, Department of Biology, University of Bergen, Norway  
2007 Offers to ETH Zurich (Chair Molecular Microbiology at EAWAG) and TU Munich (Chair Microbiology) declined  
2007 - 2014 Adjunct Professor at Center of Excellence for Geobiology, University of Bergen  
2007 - now University Professor, Vice-Head Department of Ecogenomics and Systems Biology, Archaea Biology and Ecogenomics Division

**Personal Awards**

2017 Full member of the Austrian Academy of Sciences  
2013 Corresponding member of the Austrian Academy of Sciences  
2011 Elected member of the American Academy of Microbiology  
2001 EMBO Young Investigator Award (EMBO - YIP)  
1995 - 1997 Post-Doctoral Fellowship of the Deutsche Forschungsgemeinschaft

**Professional activities** (selected)

2016 Evaluation Panel at Heidelberg Karlsruhe Research Partnership (HEiKA)  
2013 - now Member of the Commission for Interdisciplinary Ecological Studies (KIÖS) of the Austrian Academy of Sciences (ÖAW)  
2013 Evaluation panel for Leibniz Institute DSMZ (German collection of microorganisms and cell cultures)  
2011 - 2012 Senior Editor of ISME Journal  
2008 - now Member of editorial board Environmental Microbiology  
2011 Co-Editor of Special issue on 'Archaea' in Current Opinion in Microbiology  
Co-Editor of two special issues on 'Metagenomics' in Environm. Microbiology

- 2009 - 2013 Main coordinator of InflammoBiota (Metagenomics and Metatranscriptomics for the investigation of the gut microbiota associated with inflammatory bowel disease). National consortium funded by the Austrian Genome Programme GEN-AU
- 2007 - 2010 Main coordinator of the international EU/ERA-NET project: SULFO-SYS (Silicon cell model for the central carbohydrate metabolism of the hyperthermophilic archaeon *Sulfolobus solfataricus* under temperature variation) within the European SYSMO initiative (Systems Biology of Microorganisms)
- 2007 Co-organizer of Congress: Thermophiles 2007, Bergen, Norway
- 2005 Co-initiator and -organizer of international meeting: Archaea, the first generation, Munich, Germany
- 2003 Main initiator and organizer: Metagenomics 2003 -From Microbial Diversity to Function, First international meeting on Metagenomics, Darmstadt, Germany
- 2000 - 2001 Co-organizer of an international seminar series: Women in Biosciences, Univ. of Technology Darmstadt, Germany
- 2001 Co-organizer of the symposium: „Arbeitsfeld Biowissenschaften: Lebenswege von Naturwissenschaftlerinnen“ University of Technology Darmstadt, Germany
- 1999 - 2003 Cooperation with Biotech Company BRAIN AG, Zwingenberg on development of metagenomic tools

### Research Interests

- i) Ecology, genetics and evolution of Archaea with a focus on ammonia oxidizing archaea (their metabolism and ecology) and hyperthermophilic Sulfolobales (DNA transfer and virus-host interactions)
- ii) Development and application of metagenomic and metatranscriptomic approaches to study natural microbial communities with a focus on terrestrial and arctic environments, and microbe-host systems

### Mentoring:

- 2011 mentor programme for female Postdocs, University of Vienna (muv5)
- 2011 Cyber-Mint (for highschool girls interested in natural sciences)
- 2001-2004 mentor programme for female students, Frankfurt-Darmstadt

### Memberships

- Commission for Interdisciplinary Ecological Studies (KIÖS) of the Austrian Academy of Sciences (ÖAW)
- American Society for Microbiology (ASM)
- Deutsche Vereinigung für Allgemeine und Angewandte Mikrobiologie (VAAM)
- International Society for Microbial Ecology (ISME)
- Austrian Association of Molecular Life Sciences and Biotechnology (ÖGMBT)

### Publications in peer-reviewed journals: (ISI-Web of Knowledge, 11/2017)

- ISI-listed publications: 118
- total citations: 9.908
- average citation per item: 83,97
- h-index: 51

### Co-Inventor on International Patents

- 2003 "Nucleic Acids and Proteins from the uncultivated Archaeon *Cenarchaeum symbiosum*" (WO200018909-A)
- 2004 "Expression vectors for hyperthermophilic Archaea" (WO2004106527-A1)
- "Isolation and cloning of DNA from uncultivated microorganisms" (WO2004018673-A2)
- 2014 "Archaeon expression system" (US 08679829)