

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

Faculty of Life Sciences, University of Vienna
Department of Ecogenomics and Systems Biology
Head of Archaea Biology and Ecogenomics Division
Althanstraße 14, 1090 Vienna, Austria
Tel +43 1 4277 76510, Email: christa.schleper@univie.ac.at
<https://archaea.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

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

Personal Awards

2018 Elected Member of the European Molecular Biology Organisation (EMBO)
2017 Elected Member of the Austrian Academy of Sciences
2016 ERC Advanced Grant (2.5 Mio Euro), EU Horizon 2020
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 for HEIKA (Heidelberg-Karlsruhe Research Partnership)
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

| | |
|-------------|---|
| 2009 - 2013 | Co-Editor of two special issues on 'Metagenomics' in Environm. Microbiology 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 <i>Sulfolobus solfataricus</i> 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, metabolomic and proteomic approaches to study natural microbial communities with a focus on terrestrial and arctic environments, and microbe-host systems

Most Important Ongoing Collaborations:

Jörn Peckmann, University of Hamburg
 Christina Biasi, Pertti Martikainen, Henri Siljanen, University of Kuopio, Finland
 Ramunas Stepanauskas, Bigelow Laboratory, East Boothbay, US
 Steffen Jørgensen, Univ. of Bergen, Norway
 Simonetta Gribaldo, Institut Pasteur, France

Field Work – Sampling Expeditions to Terrestrial Hot Springs:

| | |
|------------|---|
| 1993 | Hokkaido, Japan |
| 1994 | Acores, Portugal |
| 1995 | Sampling campaign and workshop on Thermophiles, Kamchatka, Russia |
| 2005, 2010 | Iceland |
| 2013 | Southern Italy (Ischia) and Southern Japan (Kiushu) |

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, 09/2019)

| | |
|----------------------------|--------|
| ISI-listed publications: | 130 |
| total citations: | 12.404 |
| average citation per item: | 95.42 |
| h-index (Isi Web): | 58 |