

Curriculum Vitae

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

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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, University of Vienna, Head of Archaea Biology and Ecogenomics Unit, Department of Functional and Evolutionary Ecology
2007 - 2014 Adjunct Professor at Center of Excellence for Geobiology, University of Bergen
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

2022 Wittgenstein Prize (1.5 Mio Euro), FWF
2019, 2020 Highly cited researcher (Web of Science Group)
2018 Elected Member of the European Molecular Biology Organisation (EMBO)
2017 Elected Member of the Austrian Academy of Sciences (ÖAW)
2016 ERC Advanced Grant (2.5 Mio Euro), EU Horizon 2020
2013 Corresponding member of the Austrian Academy of Sciences (ÖAW)
2011 Elected member of the American Academy of Microbiology (ASM)
2001 EMBO Young Investigator Award (EMBO - YIP)
1995 - 1997 Post-Doctoral Fellowship of the Deutsche Forschungsgemeinschaft (DFG)

Professional activities (selected)

2020 - now Member of EMBL council
2019 Member of ERC panel (ERC-consolidator grants, panel LS8)
2019 - now Member of editorial board of Frontiers in Microbiology/ Archaea Journal
2018 - now Member of editorial board of mBio Journal

- 2018 Main organizer of EMBO Workshop: Molecular Biology of Archaea: From mechanisms to ecology, Vienna, Austria (September 2018, <https://meetings.embo.org/event/18-archaea>)
- 2017 Co-organizer of International Symposium: Editing genomes with CRISPR, Vienna, Austria (October 2017, <https://rri.univie.ac.at/workshops-events/crispr-symposium/>)
- 2017 Main Co-organizer and Conference Chair of the Fifth International Conference on Nitrification and Related Processes (ICoN5), Vienna, Austria (July 2017, <https://icon5.univie.ac.at/welcome/>)
- 2016 Evaluation panel for HEIKA (Heidelberg-Karlsruhe Research Partnership)
- 2016 - now Speaker of the FWF-funded doctoral School: Microbial Nitrogen Cycling – From Single Cells to Ecosystems
- 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 - 2013 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, 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 and evolution of Archaea with a focus on ammonia oxidizing archaea (metabolism and ecology), Asgard archaea (physiology and evolution) 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

Most Important Ongoing Collaborations:

Henri Siljanen, Christina Biasi, Pertti Martikainen, University of Kuopio, Finland
 Steffen Jørgensen, University of Bergen, Norway
 Christine Moissl-Eichinger, University of Graz
 Sophie Abby, University of Grenoble, France
 Jörn Peckmann, University of Hamburg

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	Ischia (Italy) and Kiushu (Japan)
2016	Malaga, Spain
2017	Liparic Islands, Italy
2018	Solfatara fields and Ischia (Italy)

Memberships

- Commission for Interdisciplinary Ecological Studies (KIÖS) of 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: (Google Scholar 01/2023)

listed publications:	151
total citations:	26.123
H-index (Isi Web):	78

Vienna, 19 January 2023