

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, Univ. of Vienna, Head of Archaea Biology and Ecogenomics Division
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

2019 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
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)

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 <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, 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), 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, and microbe-host systems

Most Important Ongoing Collaborations:

Henri Siljanen, Christina Biasi, Pertti Martikainen, University of Kuopio, Finland
 Steffen Jørgensen, Univ. of Bergen, Norway
 Christine Moissl-Eichinger, Univ. of Graz
 Sophie Abby, Univ. 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 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, 02/2020)

ISI-listed publications:	136
total citations:	13.063
average citation per item:	96,05
H-index (Isi Web):	60

Vienna, February 11, 2020