

Curriculum Vitae

Ute Krämer

Chair of Molecular Genetics and Physiology of Plants



Professional Experience

- 10/2009 to date Full Professor and Chair of Molecular Genetics and Physiology of Plants (W3), Ruhr University Bochum, Faculty of Biology and Biotechnology, Bochum, Germany
- 2007-2009 Heisenberg Research Group Leader, University of Heidelberg, BioQuant Center & Division of Plant Molecular Biology, Heidelberg, Germany
- 2000-2007 Independently Funded (BioFuture) Guest Research Group Leader, Max Planck Institute of Molecular Plant Physiology, Golm, Germany
- 1998-2000 Research and Teaching Assistant (C1), University of Bielefeld, Department of Plant Physiology and Biochemistry, Bielefeld, Germany
- 1999 Visiting Scientist, University of California San Diego, La Jolla, CA, USA, with Professor Julian I. Schroeder
- 1996-1997 Postdoctoral Fellow, Rutgers University, AgBiotech Center, NJ, USA, with Professor David E. Salt
- 05/1996 Field trip to Turkey for plant discovery and sampling on heavy metal-rich soils, with Professor Roger D. Reeves, Massey University, New Zealand

Honors and Awards

- 2018 ERC Advanced Grant (2017 call)
- 2018 Elected Member of the North Rhine-Westphalian Academy of Sciences, Humanities and the Arts
- 2018 Offer of a Professorship (W3) at the University of Cologne, Germany
- 2014/15/16 Thomson Reuters 'Highly Cited Researcher', Plant & Animal Science
- 2008/2009 Offers of Professorships (W3) at Martin Luther University Halle and RWTH Aachen, Germany
- 2007 Heisenberg Fellowship from the German Research Council (DFG)
- 1999 "BioFuture Prize" of the German Federal Ministry of Education and Research (51 funded projects out of 1500 submissions)
- 1996 NATO Postdoctoral Research Fellowship
- 1996 Travel Award from the Percy Sladen Memorial Fund, Linnean Society of London, for fieldwork in Turkey

- 1992-1995 Cecil Rhodes Scholarship, University of Oxford
1990-1995 Scholar of the German National Scholarship Foundation

Education and Academic

- 2006 Habilitation in Molecular Plant Physiology, University of Potsdam, Germany
1997 D.Phil., Department of Plant Sciences, University of Oxford, UK, with Professor J. Andrew C. Smith
Member of Magdalen College
1989-1992 Student of Biochemistry, University of Hanover, Germany
Vordiplom completed in 1991 (very good)
1989 *Abitur* (very good), Gymnasium Alfeld/Leine, Lower Saxony, Germany

Professional Activities

Research Initiatives

- 2011-2018 Coordinator of *Deutsche Forschungsgemeinschaft* (DFG) Research Priority Program SPP1529 ADAPTOMICS ***Evolutionary plant solutions to ecological challenges: Molecular mechanisms underlying adaptive traits in the Brassicaceae s.l.***
(www.ruhr-uni-bochum.de/dfg-spp1529)
2007-2011 Coordinator of GABI Project GABI-ADVANCIS, German Federal Ministry of Education and Research

Publishing

- Since 09/2017 Contributing member of the “Faculty of 1000”
From 01/2015 Editorial Board *The Plant Cell*
2014 to date Associate Editor *Plant, Cell & Environment*
2015 to date Advisory Editor *Plant Cell Physiol*
2011 Guest Editor *Current Opinion in Plant Biology* **14**, Plant Physiology and Metabolism
2001-2012 Board of Advisors, *New Phytologist*

Community Service and Memberships

- 2017 Organizer of the Second International ADAPTOMICS Symposium, March 13 to 16, Berlin, Germany
2016 Session Organizer, 10th International Copper Meeting, September 25 to 30, Sorrento, Italy
2016 Organizer and Chair of Major Symposium at Plant Biology 2016 “New insights from large-scale biology” sponsored by *The Plant Cell*

2015 to date	International Member of the North American Arabidopsis Steering Committee (NAASC)
2014	Organizing Committee, 9 th International Copper Meeting, October 5 to 10, Vico Equense, Italy
2014	Organizer of the First International ADAPTOMICS Symposium, March 31 to April 3, Bad Neuenahr, Germany
2002	Co-Organizer of Heavy Metals and Plants: From Ecosystems to Biomolecules – The 9 th New Phytologist Symposium, September 29 to October 1 st , Philadelphia, PA, USA
2005-2006	External member of the examination committee of Louis Azevedo, PhD student, research group of Prof. Enrico Martinoia, Institute of Plant Biology, University of Zurich, Switzerland
2004	External examiner in PhD examination of Dawar Hussain, research group of Prof. Chris C. Cobbett, Department of Genetics, The University of Melbourne, Australia
2011 to 2015	Mentoring of an early-career female scientist in the mentoring program of the University of Regensburg, Germany
Member of:	American Society of Plant Biologists (ASPB) German Botanical Society, German “Gesellschaft für Biochemie und Molekularbiologie (GBM)”, Federation of European Biochemical Societies (FEBS), International Union of Biochemistry and Molecular Biology (IUBMB)

Coverage in the Public Media

- WDR Die Zukunftsmacher im Ruhrgebiet, 23 June 2017 (TV)
- WDR Quarks & Co. „Superpflanzen – Die grünen Giftschlucker“, 14 February 2017 (TV)
- Arte-Future Documentary “Phytomining – Schadstoffsanierung mit Pflanzen”, 17 January 2017 (TV)
- Two documentary clips in Science TV Magazine WDR Nano (WDR 3), Phytomining I (7’14”) & II (3’32”), on research towards phytomining, first screened on 9 June 2015
- Invited contribution of an experiment in “Die große Show der Naturwunder” (Frank Elstner & Ranga Yogeshwar), ARD, 30 April 2015
- Public evening lecture „Phyto-Mining und nachhaltige Biotechnologie“ in the series “Wissenschaft für jedermann”, Katholische Akademie in Bayern & Deutsches Museum, Deutsches Museum, Munich, Germany, 11 February 2015
- Radio Interview, Radio Eins Live, “Die Profis”, Berlin, 11 October 2014
- Süddeutsche Zeitung Magazine (40/2014)
- Motherboard online Magazine, 7 October 2014
- Magazine for Systems Biology Research in Germany, January 2012
- Radio Interview, Radio 1, “Die Profis”, Berlin, 2004