

Curriculum Vitae Dr. habil. Nancy Weiland-Bräuer

Personal data

Dr. habil. rer. nat. Nancy Weiland-Bräuer
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Date/Place of birth: 18.06.1981 in Mühlhausen/Thuringia

Personal status: married, 1 child (born 2012)

Research foci

Microbial interactions

Inhibition of biofilms by quorum quenching
 Host-microbe interactions
 Bacteriophages as antibiotic alternative

Education

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|-------------------|--|
| 05/2021 | Habilitation at Kiel University, Faculty of Mathematics and Natural Sciences
Title of thesis: <i>Friends or foes – deciphering microbial interactions in nature</i>
Granting of the <i>venia legendi</i> for major subject Microbiology |
| 09/2006 – 06/2010 | PhD (Dr. rer. nat.) at Kiel University (Prof. Dr. R. A. Schmitz-Streit) (<i>magna cum laude</i>)
Title of thesis: <i>Screening for quorum sensing interfering compounds using a metagenomic approach: A novel strategy to prevent biofilm formation.</i> |
| 10/2000 – 04/2006 | Academic studies at Kiel University
Diploma (<i>sehr gut</i>)
Main subject: cell biology/genetics, Minor subjects: microbiology, toxicology
Title of thesis: <i>Identifizierung und funktionelle Analyse von Promotoren für die heterologe Genexpression in Ascomyceten</i> (Prof. Dr. F. Kempken) |
| 08/1992 – 06/2000 | Secondary School, Mühlhausen; Abitur (1,6) |
| 08/1988 – 07/1992 | Primary School, Mühlhausen |

Professional experience

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| since 10/2021 | Private Lecturer (PD) and project/group leader (Akademische Rätin auf Zeit), Institute of General Microbiology, CAU, Kiel |
| 04/2017 – 09/2021 | Research associate (<i>habilitand</i> , project leader), Institute of General Microbiology, CAU, Kiel (Prof. Dr. R. A. Schmitz-Streit) |
| 09/2014 – 03/2017 | Research associate (<i>habilitand</i> , independent position with own research project within the DFG Excellence Initiative “The Future Ocean”), CAU, Kiel |
| 07/2010 - 08/2014 | Research associate (<i>Postdoc</i>), Institute of General Microbiology, CAU, Kiel (Prof. Dr. R. A. Schmitz-Streit) |

09/2006 – 06/2010	Research Associate (PhD), Institute of General Microbiology, CAU, Kiel (Prof. Dr. R. A. Schmitz-Streit)
08/2006 - 09/2006	Assistant, Institute of General Microbiology (Prof. Dr. R. A. Schmitz-Streit), CAU, Kiel (Construction of metagenomic large insert libraries)
02/2006 - 07/2006	Assistant, Institute of Botanical Genetics and Molecular Biology (Prof. Dr. F. Kempken), CAU, Kiel (Functional analysis of <i>bem46</i> in <i>Neurospora crassa</i>)
2004 & 2005	Student assistant, CAU, Kiel (Preparation and supervision: Basiskurses <i>Biologie der Mikroorganismen und Genetik</i>)
2003 & 2004	Student assistant, CAU, Kiel (Preparation and supervision: Basiskurses <i>Botanik für Nebenfachstudierende</i>)

Memberships

Vereinigung für Allgemeine und Angewandte Mikrobiologie – VAAM since 2006

Exzelle Initiative “The Future Ocean” since 2013

Collaborative Research Center 1182 „Origin and function of metaorganisms“ since 2016

Kiel Marine Science (associated) since 2020

Deutscher Hochschulverband – DHV since 2018

International Society for Viruses of Microorganisms – ISVM since 2018

Topic Editor Journal *Biology* since 2020

Editorial Board Member *Annals of Marine Biology and Research* since 2021

Reviewing activities

Journal of Basic Microbiology, Journal of Environmental Microbiology, BMC Microbiology, Polarbiology, Nature Scientific Reports, PLOSone, Microorganisms, Marine Drugs, FEMS, MDPI

Academic self-administration

Since 2021	Equal opportunity commissioner at Faculty of Math. and Nat. Sciences, Kiel University
2021	Member of appeal committee W1 professorship „Mikrobielle Ozeanographie“
2018	Member of appeal committee W3 professorship „Biochemie und Mikrobielle Physiologie“
2017 - 2018	Representative Central Committee for Research and Research Transfer at Kiel University
2016 - 2018	Representative Central Committee for University Principles and at Kiel University
2016 - 2018	Representative Central Studies Committee at Kiel University
2012	Member of appeal committee W2 professorship „Theoretische Biologie“
2010 - 2012	Committee member Faculty Biology, Kiel University