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EDUCATION / PROFESSIONAL EXPERIENCE

2016-	Postdoctoral researcher, University of Applied Sciences Emden/Leer
2012-2016	PhD, Department of Molecular Ecology, Max Planck Institute for Marine Microbiology and University of Bremen, Germany. PhD thesis: "Identification and activity of bacteria consuming key intermediates of carbon and sulfur cycling in coastal sands"
2010-2012	MSc, Department of Molecular Ecology, Max Planck Institute for Marine Microbiology and University of Applied Sciences Bremerhaven, Germany. Master thesis: "Diversität und Physiologie Wasserstoff oxidierender Bakterien im Wattsediment"
2007-2010	BSc, Department of Microbiology, Max Planck Institute for Marine Microbiology and University of Applied Sciences Bremerhaven, Germany. Bachelor thesis: "Kinetische Eigenschaften der Linalool Dehydratase-Isomerase"

MAIN RESEARCH INTERESTS

- Microbial ecology of carbon and sulfur cycling organisms in anoxic environments
- Diversity and physiology of uncultured microbes
- Analysis of the function of microbial communities using single-cell genomics, metagenomics and transcriptomics
- Molecular hydrogen metabolizing microbes
- Radio-isotope probing and applications of flow cytometry to study which microbes drive major element cycling