

**Short CV of Prof. Dr. Ruth Müller**, born in Germany at 06/06/1977

### EDUCATION/TRAINING

<i>Institution</i>	<i>Degree</i>	<i>Year</i>	<i>Field of study</i>
Free University Berlin	Dipl Biol	2004	Biology
University of Bremen	Dr. rer. nat.	2008	Biology

### SCIENTIFIC CAREER

<i>Years</i>	<i>Position</i>
01/2022 - Present Day	Institute of Tropical Medicine; Antwerp, <b>Belgium</b> ; Department Biomedical Sciences; Head of Unit Entomology, <b>Professor</b>
10/2018 - 12/2021	<b>Associate Professor</b> ; Vector Ecology & vector control, vector-borne diseases, biodiversity & climate change
02/2015 - 02/2017;	Goethe University; Frankfurt am Main, <b>Germany</b> ; Institute of Occupational Medicine, Social Medicine and Environmental Medicine; <b>head of unit Environmental Toxicology and Medical Entomology</b> ; vector ecology, eco-bio-social research., integrated vector management, environmental toxicology
01/2018 - Present Day	
03/2017 - 12/2021	PoloGGB; Terni, <b>Italy</b> ; <b>Chief Manager of Genetic &amp; Ecology Platform</b> ; Genetic vector control; experimental vector biology in large cages, environmental risk assessment of gene-drive mosquitoes (since 08/2017 as consultant)
06/2014 - 01/2015	Preparation of a business plan for an <b>Insect Food Company</b>
01/2009 - 05/2014	Senckenberg Biodiversity and Climate Research Centre; Frankfurt am Main, <b>Germany</b> , <b>Junior and Senior PostDocs</b> ; Response and adaptive potential of single species and communities to climate change
11/2004 - 11/2008	Helmholtz Alfred-Wegener Institute for Marine and Polar Research, Bremerhaven, <b>Germany</b> ; <b>Junior researcher</b> ; Stress physiology of polar seaweeds, research stays in the Arctic (Spitsbergen)

### RESEARCH FOCUS

Ruth Müller's expertise lays in the fields vector ecology, medical entomology, ecotoxicology and aquatic biodiversity. Her aim is to better understand the relationships between biodiversity, climate change and human health and to use this knowledge to protect environmental and human health. This is a longstanding interest, for example in 2019, she participated in the "Climate and Health Summit 2014" of the Climate Change Conference, Lima, Peru.

Her recent research projects address vector ecology and biology in the context of climate change, development of eco-friendly vector control tools and integrative eco-bio-social concepts in Medical Entomology. Next to 78 ISI-listed publications, she published 14 non-ISI-listed scientific publications, 9 book chapters and 1 book. She successfully leads or participates in 26 projects with partners from Europe, USA, Asia and Africa, amongst them the BMBF funded junior research group AECO partnered by National Health Research Council Nepal. She is member of the presidium of the European Entomology Congress, Steering Committee member of the German Alliance for Global Health Research, and former member of the National Board for Zoonotic Diseases and the Research Network Zoonotic Infectious Diseases Germany. She has been awarded as scientist of honor by Imperial College of London, UK in 2017.