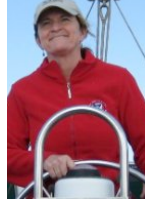


Lena (Gunilla) Gerwick

Research Professor



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Education:

PhD Comparative Immunology, Oregon State University

Postdoctoral Fellow Virology, Oregon State University

Postdoctoral Fellow Genomics, Oregon State University

Professional experience:

I am currently a Research Professor in the Center for Marine Biotechnology and Biomedicine. My research interests involve the evolution and functional aspects of bacterial genomes, transcriptional regulation, biosynthesis of secondary metabolite pathways as well as development of techniques to further be able to enhance the discovery of secondary metabolite pathways by selective amplification of these and heterologous expression. To this end I have developed techniques in the laboratory that facilitates the isolation of clean DNA by various techniques, including the isolation of single cells for further multiple displacement amplification (MDA) of DNA. I have experience in overseeing metagenomics projects, including assembly pipelines, binning of metagenomic datasets and the mining for secondary metabolite pathways.