

The University of Kiel and the GEOMAR Helmholtz Centre for Ocean Research Kiel jointly invite applications for

a postdoctoral scientist (3-year position) in Comparative Genomics of Marine Invertebrates

Deadline: March 9th, 2020

The position is central to the recently funded collaborative DFG project IMMUBASE that brings together microbiology, genomics, evolutionary biology and immunology (PIs Dr. Lucia Pita Galan, Prof. Ruth Schmitz-Streit, Prof. Thorsten Reusch). IMMUBASE aims to comparatively characterize the immune systems of basal metazoans to better understand host-microbe interactions. To achieve this goal, the project will obtain chromosomal level de novo genomes of a number of emerging model species (cnidarians, ctenophores, sponges) in

collaboration with the newly founded Competence Centre for Genomic Analysis CCGEKiel.

IMMUBASE will also employ challenge experiments with subsequent RNAseq analyses as well as population genomic data to identify balancing selection and hence putative immune relevant genes. Substantial funds are available within the project for sequencing.

Apply now at:

<https://www.geomar.de/en/service/karriere/job-single-en/article/postdoktorandin-porstdokorand-mwd-im-bereich-comparative-genomics-of-marine-invertebrates/>