**Postdoctoral position in Single Cell Transcriptomics of Host-Virus Interactions in the Ocean**

The Vardi lab at the Weizmann Institute of Science is seeking highly skilled and motivated postdoctoral candidate with demonstrated expertise in transcricptomics to join an exciting ERC funded project on phenotypic heterogeneity of host-pathogen interactions in the ocean. The position is funded for 3 years and will be open from November 2018.

The project will focus on expression profiles of host and virus on a single cell level in order to characterize phenotypic heterogeneity within a population of single celled bloom-forming algae. Our lab is currently applying diverse cutting-edge approaches (MARS-Seq, 10X Genomics, single molecule RNA FISH) to identify phenotypic variability in marine microbes and define cellular states that effect susceptibility and resistance to viral infection. These methods are applied to lab cultures and to natural blooms in the ocean. The candidate should be highly trained in bioinformatic techniques, have extensive experience with computational analysis of next generation sequence data.

How to apply-

Please send your applications containing your curriculum vitae, contact information, statement of research interests and names of three referees by email to:

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For further information please visit our website: <http://www.weizmann.ac.il/plants/vardi/>