

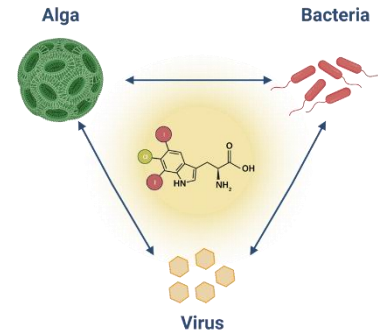
מכון ויצמן למדע

WEIZMANN INSTITUTE OF SCIENCE

Department of Plant and Environmental Sciences



Postdoc Positions in Marine Metabolomics



Job Description

The Vardi lab is seeking highly skilled and motivated candidates with expertise in metabolomics to join a new and exciting project funded by the ERC in the field of chemical ecology, focusing on chemical communication during tripartite symbiotic and pathogenic interactions in the ocean. We aim to unravel the metabolic crosstalk between algae, viruses, and the associated microbiome, which has major ecological consequence on cell fate in algal blooms in the ocean.

Our laboratory employs state-of-the-art mass spectrometry, including high resolution LC-MS and GC-MS to investigate the metabolic dynamics of microbial interactions at sea.

The project will involve diverse analytical chemistry tools, such as:

- Targeted metabolomics and lipidomics
- Non-targeted metabolic profiling and fingerprinting
- *de novo* identification of novel metabolites

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

Application deadline: January 1st 2023

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