

EU-funded postdoc position available at the Stazione Zoologica Anton Dohrn in Naples, Italy.

Within the EU project MIDTAL we will design and test microarrays for the detection of toxic algae and their toxins. Early detection of toxic algal blooms is a vital improvement to the monitoring of aquaculture for human consumption and safety, and microarrays are state of the art technology for the detection of target RNA/DNA sequences in environmental samples. Duties of the postdoc will include sampling of plankton RNA- and DNA extraction, study of the genetic diversity of *Pseudo-nitzschia*, development/refinement of molecular probes against *Pseudo-nitzschia* species, calibration and testing of these probes, and validation of newly designed microarrays. We seek a post-doc with research interests in molecular ecology and biodiversity of micro-organisms, experience in molecular biological approaches and fluency in English. Working experience with microarray hybridisation techniques and probe design is preferred. We offer ample possibilities for collaboration and further development of scientific skills.

Start of project, May 2009; duration, two years with possibilities for one year extension.

Please contact Dr Wiebe H.C.F. Kooistra, [kooistra@szn.it](mailto:kooistra@szn.it) tel +390815833271 for further information about the project and application procedures.