

**POSEIDON Post-Doc: Bioinformatics and statistical analyses of worldwide protistan diversity**

Starting date and duration: September 2009, for 3 years.

Required skills: primers design for new massive sequencing technology, data (millions of sequence tags) management, statistics, phylogenetics, assessment and analysis and of protistan ecological diversity.

Salary: 2500€/month.

A 36-months post-doctoral research position is available at the Station Biologique de Roscoff (CNRS/UPMC, France) to play a central role in the ANR project *POSEIDON - PrOtiStan Ecological bioDiversity in Tara-OceaNs*. *POSEIDON* is part of a larger project, *Tara-Oceans* (attached), which aims at uncovering the links between planktonic biodiversity and biogeochemistry along a circum-global cruise, using a combination of novel high throughput sequencing and microscopy technologies. The candidate will occupy a central position for generating and analyzing the protistan genetic data from the 10 proposed open oceanic stations. She/he will participate to the design of group-specific primers and production of PCR products for 454 sequencing, and will lead the statistical analyses of the genetic data to explore their phylogenetic, biological, and ecological significance.

The candidate will have basic skills in molecular biology and a strong background in database mining, phylogenetics, statistics, and if possible numerical ecology. Experience with informatics languages for programming will be appreciated. Knowledge in eukaryote systematics and protistology is desirable but not essential.

An application letter, resume, and contact information of at least 2 references should be directly sent to :

Dr. Colombari de Vargas,  
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cc [boutte@sb-roscoff.fr](mailto:boutte@sb-roscoff.fr)

