

## **Post-doctoral position – Metabolomic of Intertidal microphytobenthos**

### **Profile Description:**

Funding: Brittany Region (France) and H2020 ERA-NET COFUND – Project BIO-Tide

Mentor: Dr. Cédric Hubas (Muséum National d'Histoire Naturelle)

Application deadline: 01/06/2018

Duration: 10 months starting 01/06/2018

### **Job description:**

A postdoctoral position in microbial and chemical ecology is available immediately to work at the Concarneau Marine Station within the frame of the BIO-TIDE project ([www.bio-tide.eu](http://www.bio-tide.eu)). The successful candidate will conduct research aimed at quantifying and identifying metabolites of intertidal diatom biofilms, and the links between metabolic diversity and ecosystem function and services in intertidal sediments (primary production, sediment stability). The selected candidate will perform LC-MS/MS and GC-MS measurements on natural sediments of the intertidal area and will develop a GC-MS dedicated protocol for low molecular weight metabolites.

A Ph.D. in Microbial Ecology and/or chemical ecology or a related field is preferred. Previous experience with GC-MS and/or LC-MS/MS is mandatory. In addition, the recruitment policy of the Brittany Region makes compulsory that eligible candidates should have spent at least 12 months abroad (i.e. outside France) in the last 3 years.

The work will involve a mixture of field and laboratory work with flexibility to collaborate with BIO-TIDE project partners at the University of Nantes (France), University of Ghent (Belgium), Muséum National d'Histoire Naturelle (France) and École Polytechnique Fédérale de Lausanne (Switzerland)

### **Application Information Enquiries:**

contact Dr. Cédric Hubas (Muséum National d'Histoire Naturelle) | [cedric.hubas@mnhn.fr](mailto:cedric.hubas@mnhn.fr)

### **Application Process:**

interested applicants should submit (1) a cover letter, (2) a full CV, and (3) contact information for professional references. Please send the applications no later than 1st of June 2018.