A 1 year Post Doctoral fellowship position is available at the University Laboratory of Biodiversity and Microbial Ecology in Plouzané, (Brittany) France.

**Location** : Laboratoire de Biodiversité et Ecologie Microbienne (EA 3882), ESIAB, Technopôle Brest-Iroise 29280 Plouzané, France

**The lab** : Research at the LUBEM-Plouzané laboratory concerns the biodiversity and ecology of food related and environmental filamentous fungi. Research on microbial ecology is focused on increasing knowledge on fungal communities, their taxonomy, their ability to produce secondary metabolites such as mycotoxins as well as on diagnostic and control methodologies.

**Missions** : fungal taxonomy
The selected candidate will participate to the establishment of a technical platform for the characterization, identification and quantification of filamentous fungal contaminant of food and environments. We have a large number of gene sequences (ITS, beta tubulin, elongation factor, RPB1, ...) belonging to filamentous fungi contaminant of food products. A first analysis of sequences revealed some fungal strains incorrectly positioned at the taxonomic level. A part of this project is to characterize and describe these strains (potential new species?) by a multilocus phylogenetic approach combined with a phenotypic approach.

The candidate should possess a PhD degree in area of biology, taxonomy, molecular biology and mycology. Experience with bioinformatics is a bonus.

The position has a 1-year term

The starting date will be April 1, 2013

Gross salary : 2535 euros

To apply, please send a CV, copies of educational transcripts/certificates, a motivation letter and contact information of two referees to: Dr. V. Vasseur, Laboratoire Universitaire de Biodiversité et Ecologie Microbienne, ESIAB, Technopôle Brest-Iroise 29280 Plouzané, France. valerie.vasseur@univ-brest.fr
Applications will be accepted until the 8th of March, 2013.