

The MAPIEM Laboratory (University of Toulon, France) invites applications for a 1.5-year Postdoc Position in marine microbial ecology. The place of employment is Toulon and the position is expected to start in March 2015.

The general topic is the marine biofouling and mainly biofilms that colonize artificial surfaces immersed in the sea. DRACONS (Drag Reducing Antifouling Coatings for Navy Ships) is a DGA (Direction Générale de l'Armement, ie Defence armaments procurement agency's) 3 years research & technology project that aims to assess the efficacy of commercial antifouling coatings which are specifically dedicated to the prevention of this natural process of colonization on ship hulls. The objective of the position is to understand how the properties of the surfaces (surface energy, wettability, biocides release, ...), but also the environmental conditions, influence the structure of biofilm microbial communities and eventually further the macrofouling.

To qualify for this position, applicants must hold a PhD in aquatic microbial ecology or related science. In addition to the basic knowledge in marine microbiology, microbial ecology or molecular biology, the applicant has well documented experience with New Generation Sequencing (NGS) approaches and related bioinformatics. An experience in flow cytometry would be also appreciated. In addition, an interest for field experiments but also personal qualities to promote collaboration is required. Actually, this work involves a close interaction with chemists and immersions will be held at both Toulon and Banyuls-sur-Mer. Finally, very good oral and written communication skills in English are essential.

We will stress both research expertise and personal skills when assessing applicants.

An application must contain the following documents in English:

- A complete curriculum vitae, including date of the thesis defense, title of the thesis, previous academic positions, academic title, current position, academic distinctions, committee work and research funding granted.
- Full list of publications
- Description of present research environment, collaborations and network (approx. 1 page)
- Personal letter with motivation to the position (approx. 1 page)

Application should be sent to Dr. J.-F. Briand ([briand@univ-tln.fr](mailto:briand@univ-tln.fr))

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