

Job Offer Announcement		Vacancy Code 126_CRI_BBP
Job title	Postdoc position in New technologies to improve the persistence and efficacy of bio-based pesticides	
Job description	<p>A postdoc position is available in the Interactions in the agro-ecosystems unit, Sustainable Agro-Ecosystems and Bioresources department of the Research and Innovation Centre.</p> <p>The mission of this postdoctoral fellowship is to develop new technologies to improve the persistence and efficacy of bio-based pesticides.</p> <p>Responsibilities of the post-doc fellow will include: the implementation of biological activators to be used in combination with biopesticides and carriers to increase their persistency in soil, formulation, slow-release dispensers for volatile bio-based pesticides and encapsulated bioinsecticides in kairomone-based attractive bites.</p> <p>The position is for 2 years and is based in Fondazione Edmund Mach with collaboration of industries: <i>BiPA and Belchim</i>, within the INNOVA platform. The INNOVA platform is funded within the EU-Industry- Academia Partnerships & Pathways (IAPP) with the objective of enhancing co-operation between a public research organization (Fondazione Edmund Mach, Italy) and Belchim Crop Protection and Bi-PA by a close collaboration specifically oriented to industrial and social needs</p>	
Duties / Tasks	<ul style="list-style-type: none"> • Develop and evaluate new formulations and reformulations for microbial pesticides; • conduct biological testing on candidate formulations, including viability of microbial cells, shelf-life, etc.; • identify new opportunities to develop novel formulations utilizing platform technology portfolio; • identify new carries or new way of delivering bio-pesticides to preserve their stability in the environment; • identify new concept for bio-based pesticides 	
Keywords	Biopesticides, pesticides, low impact, agriculture	
Contract type and length, Level	Project collaboration contract, 24 months (Contratto di collaborazione coordinata e continuativa a progetto)	
Languages knowledge from Common European Framework of Reference for Languages (CEFR)	Fluent in spoken and written English (C1). Knowledge of Italian will be considered a plus (B1)	
IT knowledge	Statistics, possibly experience in the analysis of NGS data and/or use of bioinformatic tools for genetic and genomic analysis	
Required title to join the selection	PhD degree in microbiology, plant protection or plant biology	



Required experience	PhD or at least 4 years of experience in microbiology, plant protection or plant biology
Psychosocial skills	You work well-organized and accurately. You are creative in looking for solutions. You are able to work autonomously, as well as in team
Supervisor	Ilaria Pertot

Application

To apply for the position the applicants should send a message mentioning in the subject the recruiting code (**126_CRI_BBP**) to the email account **curricula@fmach.it** including the following items:

1. an up-to-date CV (Please add the following phrase to your CV otherwise your application will not be considered: I consent to the use of my personal data in accordance with the provisions of decree 196/2003). **Save your file in this way: Surname Name_cv.doc or .pdf;**
2. the filled application form available online *126_CRI_BBP_Application*. **Save your file in this way: Surname Name_af.doc;**

Deadline

The deadline for the submission of the applications is **May 9, 2013**.

Short list candidates

FEM will short-list the applicants. We will notify the short-list candidates for an interview in San Michele or for a phone interview. The other candidates will be notified at the end of the recruiting procedure.

Information about CRI

The Research and Innovation Centre of the foundation (CRI), with more than 300 employees, has a mission to promote and enhance the Trentino land-based economy through studies and innovation that improve agricultural and environment products and enhance the quality and nutritional value of food products. It sustains the region's environmental resources through development and promotion of low-impact agricultural practices, study and preservation of biodiversity, and characterisation of alpine and subalpine ecosystems. The centre operates fully integrated research programs and state-of-the-art platform technologies to deliver innovative solutions and competitive products for our stakeholders and end-user communities.

Equal opportunities

The position is open to both genders, Law n. 903, 9/12/1977, art. 1. The policy and practice of the Edmund Mach Foundation require that all staff are offered equal opportunities within employment.

Data treatment

All data supplied by applicants will be used only for the purposes of determining their suitability for the position and will be held in accordance with the principles of the Personal Data Protection Code, Legislative Decree no. 196 of 30 June 2003. By sending the Cv and application, the candidate consent and authorize the Foundation to the use of his/her personal data.