

Job Offer Announcement		Vacancy Code 142_CRI_MEC
Job title	Post Doc in Mosquitoes ecology and control	
Job description	<p>A post doc position is available in the Animal Ecology Group, Biodiversity and Molecular Ecology department of the Research and Innovation Centre. The position is related to the project “<b>Laboratory of Excellence for Epidemiology and Modelling. Facing the introduction and spread of Invasive Alien Species into the territory of the Autonomous Province of Trento</b>” (LExEM) (Grandi Progetti 2012, Provincia Autonoma di Trento). The general aim of this project is to establish a virtual laboratory of excellence in ecology, epidemiology, risk assessment and mathematical modeling in Trentino. Target species include the tiger mosquito <i>Aedes albopictus</i>, the newly spreading mosquitoes species <i>Aedes koreicus</i> and the crop pest <i>Drosophila suzukii</i>. LExEM will produce new knowledge on their biology, ecology and behavior at regional level other than a set of new advanced biologically consistent mathematical models, distribution maps and cost estimates related to various control options</p>	
Duties / Tasks	<p>The specific mission of the position is to generate new knowledge on the biology, ecology and strategies for the control of native and invasive alien mosquitoes species such as <i>Culex pipiens</i>, <i>Aedes albopictus</i> and <i>Aedes koreicus</i> within the mountain territory of the Trento Province and surroundings territories, integrating field work, laboratory work and mathematical modelling.</p> <p>Main tasks will be the recording and measurement of several basic biological parameters of these species in mountain environment, the design and realisation of experimental mosquito control activities in Trentino and the cooperation with LExEM modelers for the production of the most suitable mitigation scenarios</p>	
Keywords	Mosquitoes ecology, mosquito control, integrated pest management	
Contract type and length, Level	Project collaboration contract, 24 months (Contratto di collaborazione coordinata e continuativa a progetto)	
Languages knowledge <i>from Common European Framework of Reference for Languages (CEFR)</i>	Fluent in spoken and written English (C1). Knowledge of Italian will be considered a plus (B1)	
IT knowledge	Standard word-processing. Preference may be given to candidates with experience in data analysis and modelling	
Required title to join the selection	PhD in agricultural, veterinary or biological sciences	
Required experience	Experience in mosquitoes identification, trapping and captive rearing required. Experience in vector control and data analysis will be considered a plus	

Psychosocial skills	<ul style="list-style-type: none"> <li>• Independent and self-motivated attitude</li> <li>• Strong teamwork ability</li> <li>• Capable to interact in a multinational setting</li> </ul>
Supervisor	Annapaola Rizzoli
Summary of entry requirements	<ol style="list-style-type: none"> <li>1. PhD in agricultural, veterinary or biological sciences;</li> <li>2. Experience in mosquitoes identification, trapping and captive rearing required</li> </ol>
Hiring conditions	Please note that Mach Foundation enforces Legislative Decree No. 368/2001, including its Art. 5(4bis) stating that fixed terms-contracts involving equivalent tasks could not be legally extended or renewed beyond 36 months. The Foundation may also take reasonable steps in order to verify whether statements made in applications (and similar documents) as well as in the attached CV are true or not.

### **Application**

To apply for the position the applicants should send a message mentioning in the subject the recruiting code (**142\_CRI\_MEC**) to the email account **curricula@fmach.it** including 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**;

### **Deadline**

The deadline for the submission of the applications is **November 17, 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.