

Job Offer Announcement		Vacancy Code 132_CRI_PBM
Job title	Technologist in Purification of plant bioactive molecules from complex matrixes	
Job description	<p>A technologist position under the supervision of Dr. Duccio Cavalieri is available in the Comparative Genomics unit, Computational Biology Centre of the Research and Innovation Centre.</p> <p>The candidate should purify and isolate natural compounds from complex matrixes as well as develop expression vectors for heterologous production of bioactive molecules in bacteria and yeasts. The purified molecules will be entered in a screening platform for evaluating their effects</p>	
Duties / Tasks	<ul style="list-style-type: none"> - Organize collection and/or selection of natural bioactive compounds; - Purify natural compounds, essential oils from plants or their organs; - Carry out the necessary molecular techniques to isolate and purify the compounds; - Make use of cloning, transformation, expression vector generation for metabolites production/expression in different hosts 	
Keywords	Plant metabolites, high throughput screening, purification, fungi, cell culture	
Contract type and length, Level	CCPL Fondazione Edmund Mach contract, Technologist 4th level, 36 months	
Languages knowledge <i>from Common European Framework of Reference for Languages (CEFR)</i>	English (B1) or higher. Preference will be given to candidates who are able to draft their own research papers in advanced English	
IT knowledge	Standard word-processing. Preference may be given to candidates with experience in data management	
Required title to join the selection	PhD in Genomics, (Molecular) Biology, Natural Sciences, Pharmacy, Medicine, or equivalent, or at least 3 years of documented experience in research	
Required experience	PhD with experience in molecular biology (DNA, RNA, miRNA, protein extractions), purification of compounds from plants (alcoholic, aqueous extraction, HPLC, etc) microbiology, cell culture. Experience with heterologous protein expression would be an advantage	
Psychosocial skills	Enthusiasm for research questions and the approach addressed in the project; strong motivation for pursuing collaborative and independent research, a good track record in this field; capacity to work in a multi-disciplinary research team; commitment to group activity in terms of publications and ideas	
Supervisor	Duccio Cavalieri	
Summary of entry requirements	1. PhD in Genomics, (Molecular) Biology, Natural Sciences, Pharmacy, Medicine, or equivalent, or at least 3 years of documented experience in research	

Application

To apply for the position the applicants should send a message mentioning in the subject the recruiting code (**132_CRI_PBM**) 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 **September 30th, 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.