



Centro Ricerca e Innovazione

Job posting – Job opportunity Post doc job offer		Vacancy Code 048_ALI_PDPMP_2
Job title	Post doc in Plant Metabolite Profiling	
Job description	A post-doctoral position is available in the group of Metabolomic Profiling. Our aims include establishment of methodologies for mapping fruit and foods-drinks metabolome, investigating the metabolic changes between varieties and the changes due to biotic and abiotic phenomena (e.g. pathogen attack). The work will include development of analytical protocols (mostly based on Mass Spectrometry) data treatment and biomarker identification.	
Duties / Tasks	Duties will be to design and perform experiments, record data and keep detailed and accurate records, interpret and report results, communicate effectively, work cooperatively with other laboratory personnel	
Keywords	Metabolomics, Data Treatment, Mass Spectrometry, Biomarker identification	
Contract type and length	Project collaboration contract, 3 years Post Doc	
Languages knowledge	Candidates must also have demonstrated excellent communication skills in oral and written English.	
IT knowledge	Good knowledge in using Mass Spectrometry operating software is essential. Good knowledge in using Data treatment software for metabolomics (e.g. XCMS, MarkerLynx/MarkerView) and Advanced Statistics Software (Uni and Multivariate e.g. for PCA, PLS-DA) is desirable. MatLab and Basic Programming knowledge is advantageous.	
Required title to join the selection	Applicants should have or expect to soon receive a PhD in Analytical Sciences with experience in Spectroscopic and/or Separation Methods	
Required experience	Strong expertise in Mass Spectrometry is required preferably on the analysis and identification (including structure elucidation) of small molecules. Experience in the manipulation and treatment of mass spectrometry data is essential. Background in biochemistry or plant sciences and experience with the application of separation technologies (HPLC, GC) are desirable.	
Psychosocial skills	The post holder should be highly motivated, able to work independently while having excellent qualities to interact with other scientists, and show initiative within a multidisciplinary project area and collaborate with other members of the group.	
Supervisor	Georgios Theodoridis	



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Application

To apply for the position the applicants should send a message mentioning the code (048_ALI_PDPMP_2) to the email account **risorseumane.centroricerca[AT]iasma.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);
2. the filled application form available online (048_ALI_PDPMP_2_Application);

The deadline for the submission of the applications is the 21st June 2010 – we will accept speculative applications after this date.

Short list candidates

FEM will short-list the applicants. The selected and non selected candidates will be notified. Short-listed candidates will be contacted for a phone interview or invited for interview in San Michele. Applicants, who will not be shortlisted, will be notified at the end of the recruiting process.

Information about CRI

The Research and Innovation Centre of the foundation (CRI), with more than 200 researchers, 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. The CRI concentrates its actions in three main areas of interest: 1) agriculture: 2) food and 3) environment. In carrying out its programme, the CRI will maintain a firm territorial basis to its operations, with full acknowledgement of the global dimension of research and the necessity for competition in international contexts.

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.

If you already applied for the position 048_ALI_PDPMP, please do not send your application again.