



Research and Innovation Centre

Doctoral opportunity – PhD offer	Vacancy Code 044_AMB_DTGC
Job title	Research fellowship to support a PhD on Conservation Genetics
Job description	The PhD fellowship is aimed at conducting both field sampling and wet lab analyses in amphibian and reptile species within the ACE-SAP project
Duties / Tasks	Non-invasive sampling of amphibian and reptile species from mountain areas of Trentino; adequate storing of tissue samples collected; DNA extraction and amplification via PCR; preparation of cycle sequencing DNA reaction; typing of microsatellites; editing of DNA sequences; maintenance of database; population genetics analyses; drafting of scientific manuscripts
Keywords	amphibians; reptiles; molecular analyses; conservation genetics
Contract type and length	The Mach Foundation is funding a research fellowship to support a PhD program in collaboration with national and international universities. The research project will be carried out at the Research and Innovation Centre with a grant in the frame of a PhD course in internationally recognized Universities. The grant is for three years with a possible extension of one year. Registration costs for the PhD course will be covered by FEM. Requirements for the grant is the admission to a PhD school individuated by FEM within the first year of the fellowship.
Languages knowledge	Basic italian; fluent english
IT knowledge	Standard packages (e.g. Microsoft Office, web browser); DNA editing softwares; population genetics software
Required title	Master's degree
Type of title	Master's degree in disciplines related to Life Sciences (e.g. Biology, Natural Sciences, Biotechnology, etc.)
Required experience	Experience in field sampling of reptiles and amphibians is required; experience in molecular techniques for DNA extraction, purification and amplification via PCR and cycle sequencing of PCR products is requested; basic knowledge of standard population genetics software is required
Psychosocial skills	The candidate should be able to work in a team and to actively join events like journal club, regular updating meeting and national and international conferences, workshops, etc. At the same time he has to be prepared to spend some time alone in the field. A driving license is required
Supervisor	Cristiano Vernesi



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Application

To apply for the position the applicants should send a message mentioning the code (044_AMB_DTCG) to the email account risorseumane.centroricerca@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 (044_AMB_DTCG_Application);

The deadline for the submission of the applications is the 18th February 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.

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.

Terms and conditions

The grant will be 20.000,00.= Euro / yearly (gross). The student will have the right for the lunch at the Foundation canteen for free. Help will be provided to find accommodation. Registration costs for the PhD course will be covered by FEM.

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.