



RECRUITING ANNOUNCEMENT



Organization and Human resources Division
Human Resources Development Unit

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Job description	Selection code: 241_CRI_SMRE
Type of post and number of positions vacant	N. 1 (one) temporary position for 30 months as Fourth band Researcher (R4) in the field of Biotechnology of Natural Products.
Organisational structure and manager for the position	Research and Innovation Centre (CRI), Department of Food Quality and Nutrition, Metabolomics Unit (Supervisor: Stefan Martens).
Requirements necessary for participation	<ul style="list-style-type: none"> • Master's degree in biology, biochemistry, microbiology, biotechnology or bioengineering or a similar degree with an academic level equivalent to the master's degree; • Knowledge of written and spoken English (minimum level B2), evaluated during the interview.
Exclusion from the recruitment process	The following may not participate in the recruitment process: temporary staff, project workers and staff who have been employed or worked on a freelance basis for the Foundation in an equivalent role for a duration of more than 6 months.
Job description	<p>The demand for new alternative low calorie sweeteners for dietetic and diabetic purposes has increased worldwide. Beside highly sweet synthetic compounds the search for such compounds from natural sources is continuing. A number of highly sweet plant derived substances are known belonging to classes of terpenoids and polyphenols. Additionally some plant compounds are known to mediate the sweet taste response, either by inducing or inhibiting the perception of sweetness.</p> <p>This project "Natural occurrence of methoxylated dihydrochalcones" will focus on targeted screen of various plants and plant products for new compounds which can be used as natural "sweeteners". New compounds will be identified, isolated and tested for their potential in commercial applications.</p>
Duties / Tasks	<ul style="list-style-type: none"> • Sourcing of botanical materials and literature work; • Sample preparation, extraction and analysis of plant tissues; • Development and validation of analytical and preparative protocols; • Isolation and characterisation of metabolites.
Keywords	Biotechnology, metabolite analysis, dihydrochalcones, biochemistry.
Recruitment methods	Recruitment selection will be based on qualifications (maximum 30 points) and interview (maximum 70 points). The results of the recruitment process will be based on the total points obtained as a result of qualifications and performance at the interview.
Subjects covered in the interview	<p>During the interview, that will be held in English, the following knowledge will be verified (maximum 70 points):</p> <ul style="list-style-type: none"> • Natural product chemistry (max. 22 points, required at least 15 points); • Metabolite analysis, isolation and identification (max 25 points, required at least 19 points); • Liquid chromatography and mass spectrometry (max 18 points, required at least 14 points); • Knowledge of FEM activities and organisation (max 5 points). <p>The candidate must obtain a minimum mark at the interview of 50/70 points.</p>
Criteria for the pre-selection (if provided for)	On the basis of the information contained in the <i>curricula</i> or demonstrated by candidates, the best 10 applicants , based on the highest scores obtained following the criteria below, will be selected and admitted to the interview phase (maximum 30 points) :





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	<ul style="list-style-type: none"> • Work experience in the field of Natural Product Biotechnology and/or Natural Product Chemistry in qualified research institutes or Universities (between 1 and 3 points depending on the relevance of the research activities, up to a maximum of 12 points); • PhD in the field of Natural Product Biotechnology or Natural Product Chemistry (6 points); • Scientific publications in journals with Impact Factor (IF) in the field of plant sciences, biotechnology, metabolomics, molecular biology and life sciences (between 1 and 2,5 points for each publication; depending on IF: 1 if IF < 1; 1,5 if IF between 1 and 2; 2 if IF between 2 and 4; 2,5 if IF higher than 4: up to a maximum of 12 points).
<p>Knowledge of languages in the context of the Common European Framework of Reference for Languages (CEFR): level of knowledge and method of ascertainment</p>	<p>Knowledge of written and spoken scientific English will be verified (to be checked by an interview on a subject of a technical or scientific nature) at a minimum level corresponding to B2.</p> <p><i>To understand the levels of knowledge required consult the dedicated page at the EUROPASS site:</i> https://europass.cedefop.europa.eu/it/resources/european-language-levels-cefr</p> <p>In the event that it is ascertained that the candidate does not have knowledge of English corresponding with level B2, s/he will be excluded from the recruitment process.</p> <p>Knowledge of English, self-certified in the pre-selection process, will be checked during the interview, as specified above.</p>
<p>Calendar and location for tests and/or interviews, or methods and deadlines for communication of the calendar and location to candidates admitted to the interview/test</p>	<p>Candidates admitted to the interview phase will be informed of the date and location via e-mail (NO PEC), sent to the contact address used to send the curriculum, at least 10 days before the interview date.</p> <p>The interviews will be held at the Fondazione E. Mach in San Michele all'Adige (TN).</p>
<p>Gross annual remuneration</p>	<p>Temporary employee contract "CCPL Fondazioni", Fourth band Researcher, 38 hours full-time contract, yearly Euro 33.357,19 including 13° and 14° months.</p>
<p>Deadline for presentation of applications and deadline for the conclusion of the recruitment procedure</p>	<p>Applications must arrive by and no later than 23:59 (the date and time of receipt shown in the electronic mail account of the Foundation shall be valid) on January 22, 2018. The recruitment procedure will terminate at the latest by July 22, 2018</p>
<p>How to present applications</p>	<p>Applications to participate in the selection (professional curriculum vitae and other relevant documentation), must be sent in electronic format to the e-mail address (NO PEC) curricula@fmach.it, indicating the recruitment code in the object of the message (241_CRI_SMRE – Temporary R4 biotechnology).</p> <p>The work curriculum must be saved with file extension: Surname Name_CV.doc, or .pdf. In cases of access issues due to disability, please contact the following telephone number +39 0461 615542.</p>
<p>Proof of documentation in the event of hiring and relative deadlines</p>	<p>By at least 10 days before the contract start date, the candidate must provide the following, on penalty of cancellation:</p> <ul style="list-style-type: none"> - Certificate of Master Degree.
<p>Results of the selection</p>	<p>The results of the selection will be communicated to the candidates at the end of the recruitment procedure individually via e-mail (NO PEC), sent to the contact address used to send the <i>curriculum vitae</i>.</p>

<p>FONDAZIONE EDMUND MACH</p>  <p>ISTITUTO AGRARIO DI SAN MICHELE ALL'ADIGE</p>	<h2>RECRUITING ANNOUNCEMENT</h2>	 <p>Page 3 of 4</p>
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<p>Hiring conditions and categories covered by Law 68/99</p>	<p>It is underlined that the Fondazione Edmund Mach applies D.lgs. 368/2001, including article 5, paragraph 4 bis, which excludes the possibility of legitimately prolonging or renewing temporary contracts for equivalent roles for more than 36 months. Furthermore, the Foundation reserves the right to carry out appropriate checks in relation to the truthfulness of the information stated in the application and the enclosed <i>curriculum vitae</i>.</p> <p>Finally, candidates are invited to state whether they belong to the categories recognised according to Law 68/99 and indicate this in the <i>curriculum vitae</i> sent to participate in the recruitment process.</p>
<p>Current Welfare and benefit</p>	<ol style="list-style-type: none"> 1. Family Audit certified company, with flexible working time and human resources management policy work-life conciliation oriented; 2. Access to the in-house canteen and cafeteria in San Michele all'Adige, card for meals out of the canteen available with the value of 6,00 Euro; 3. Bikesharing location and free car park within the campus in San Michele all'Adige and in the peripheral offices; 4. Free Wi-Fi eduroam access (Education Roaming) in the campus building in San Michele all'Adige (90% coverage) and in other companies with GARR Wi-Fi service; 5. Employee discount for the purchase of the internal winery products; 6. Staff Social Club, with discount for members and promotions of sport-recreational activities; 7. Internal periodical market with agro-food products prepared by the Foundation high school students.
<p>Handling of data</p>	<p>The curriculum must include the following phrase, otherwise the candidature will not be taken into consideration: I agree to the handling of my personal data in accordance with D.lgs. 196/2003. The candidate takes full responsibility for all the information included in the application form and curriculum vitae. The Foundation reserves the right to request documentary proof of the qualifications listed by the candidate considered suitable for the post offered.</p>

Before carrying out the tests and/or evaluation interview, the candidate shall be identified and asked to complete a declaration, if this has not already been presented, stating:

- that he has the requirements indicated in the notice;
- that there are no reasons for incompatibility provided for by the law or linked to interests of any kind with reference to the scope of the employment;
- that he has no criminal convictions and is not subject to measures related to the application of prevention measures, civil decisions and administrative provisions registered in the criminal record;
- the truthfulness of the declarations made in the application/ curriculum and an undertaking to communicate any subsequent changes.

For any matters not covered by this recruitment notice, reference should be made to "[Regulations for the recruitment of human resources at the Fondazione Edmund Mach](#)".

The Director General
Dr. Sergio Menapace