

Job description

Selection code: 176_CRI_SBM

This document has been translated into English for the convenience of international readers. For any matter concerning its interpretation, execution and/or validity, the Italian document is the authoritative version.

Type of post and number of positions vacant	N. 1 (one) permanent position as Third level Technologists in microbiological biotechnology
Organisational structure and manager for the position	Research and Innovation Centre (CRI), Department of Agro-ecosystems and Bioresources (ASB).
Requirements necessary for participation	<ul style="list-style-type: none"> - Master in agrarian biotechnologies (Laurea quinquennale specialistica (classe 7/S) o magistrale in biotecnologie agrarie (classe LM07) or equivalent foreign diploma) and - PhD plant pathology (S.S.D. AGR/12) or agrarian microbiology (S.S.D. AGR/16); and - Proficiency in Italian (min. level C1) and in English (min. level B1).
Recruitment methods	By qualifications (maximum value 30) and interview (maximum value 70). 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 the following knowledge will be verified in particular:</p> <ul style="list-style-type: none"> - agrarian microbiology in particular on biotechnological and applied aspects (applied microbiological ecology, biotechnological products, microbiological transformations, biocontrol and bioremediation, development of biopesticides) (min. 3, max. 5); - industrial production of microbial inocula and metabolites with fermentations (min. 5, max. 10); - methods of application of microbiological products in agriculture and forestry (min. 5, max. 10); - methods related to the evaluation of the impact on the environment and secondary effects of microbiological products in agriculture and forestry (min. 5, max. 10); - identification of secondary metabolites produced by microorganisms (identification of molecules, in silico evaluation of the genome, evaluation gene expression and creation of mutants to identify active metabolites) (min. 10, max. 15); - protocols for efficacy trials and registration process of active substances according the EU regulation 1107/2009 (min. 5, max. 10); - activities and organization of FEM, rights and duty of the employee (min. 2, max. 5); - European Computer Driving Licence (ECDL) or equivalent knowledge, knowledge of Office package or similar (Word, Excel, Power point), statistic software as R, SPSS o Statistica, management of databases and meteorological data. Also in case of possession of the ECDL, the computer skills will be assessed during the interview (min. 3, max. 5). <p>The candidate must obtain a minimum mark at the interview of 50 Points above 70.</p>
Criteria for the pre-selection test	On the basis of the information contained in the <i>curricula</i> or demonstrated by candidates, the best 20 applicants , based on the highest scores obtained following the

	<p>criteria below, will be selected and admitted to the interview phase (max. 30 points):</p> <ul style="list-style-type: none"> - Post doctoral professional experience in the field of applied microbiology in the development of products for agriculture and biopesticides in highly qualified Laboratories / Research centers / Universities (<u>2 points per year of activity up to a max of 10 points</u>); - Scientific publications with Impact Factor in the field of applied microbiology on crops and biopesticides in the last 10 years (<u>from 0.5 to 2 points for each publication, based on impact factor (if): 0,5 points with if < 2; 1 point with if between 2 and 4; 1,5 point with if between 4 and 10; 2 points with > 10, up to max. of 10 points</u>). - Proceedings and technical communications in the field of applied microbiology in the development of microbial products for agriculture and biopesticides (<u>0.2 points for each publication up to a max. of 10 points</u>).
<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>Furthermore, in the case of foreign candidates, knowledge of written and spoken Italian (minimum level corresponding to C1), which will be verified during the interview, carried out in Italian, for all candidates admitted to the interview phase. Furthermore, knowledge of written and spoken scientific English will also be verified (to be checked by an interview on a subject of a technical or scientific nature) at a minimum level corresponding to B1.</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 Italian equivalent to level C1 and English corresponding with level B1, 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. If it is ascertained that the candidate does not have knowledge of scientific English corresponding with level B1, s/he will be excluded from the recruitment process.</p>
<p>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, 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>Permanent employee contract "CCPL Fondazioni", Third level Technologists, yearly Euro 38.158,73 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 May 31st, 2015. The recruitment procedure will terminate at the latest by November 30th, 2015.</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 curricula@fmach.it, indicating the recruitment code in the object of the message (176_CRI_SBM – T3 permanent microbiological biotechnology).</p> <p>The work curriculum must be saved with file extension: Surname Name_CV.doc , or .pdf.</p> <p>In cases of access issues due to disability, please contact the following telephone number +39 0461 615542.</p>

Proof of documentation in the event of hiring and relative deadlines	By at least 10 days before the date of hiring, the candidate must provide the following, on penalty of cancellation: <ul style="list-style-type: none"> - Copy of the Master in agrarian biotechnologies certificate; - Copy of the PhD certificate.
Results of the selection	The results of the selection will be communicated to the candidates at the end of the recruitment procedure individually via e-mail, sent to the contact address used to send the curriculum.
Hiring conditions and categories covered by Law 68/99	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 curriculum. Finally, candidates are invited to state whether they belong to the categories recognised according to Law 68/99 and indicate this in the curriculum sent to participate in the recruitment process.
Handling of data	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.

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. Mauro Fezzi