

Job description

Selection code: 173_CRI_SBC

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 (T3) in Computational Biology
Organisational structure and manager for the position	Centro Ricerca e Innovazione (CRI), Dept. of Computational Biology (DBC).
Requirements necessary for participation	<ul style="list-style-type: none"> - Master degree in informatics, physics or bioinformatics; and - PhD in informatics, physics or bioinformatics; 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>The interview (in English and/or Italian) will deepen the candidate knowledge and experience on:</p> <ul style="list-style-type: none"> - algorithms, hardware for high performance computing and parallelization code (min. 10; max. 15); - programming with C/C++, Python and Java (min. 10; max. 15); - Linux systems and web programming (min. 10; max. 15); - olistic approach to biological systems (e.g. Genetics and Genomics data integration, system dynamic); set up of analytical pipelines (min. 10; max. 15); - Fondazione Edmund Mach organization and activity, rights and duties of employee (min. 5; max. 10) <p><u>The candidate must obtain a minimum mark at the interview of 50 points above 70.</u></p>
Criteria for the pre-selection test	<p>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 (max. 30 points):</p> <ul style="list-style-type: none"> - Post doctoral professional experience in the fields of genetics, molecular biology, genomics, transcriptomics, cellular biology, bioinformatics, system biology in highly qualified Laboratories / Research centers / Universities (2 points per year of activity up to a max of 12 points); - Scientific publications with Impact Factor, published in the last 10 years (refers to date of application deadline), in the fields of genetics, molecular biology, genomics, transcriptomics, cellular biology, bioinformatics, system biology (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 20 points). - Proceedings and technical communications or oral presentation, made in the last 10 years (refers to date of application deadline), in the fields of genetics, molecular biology, genomics, transcriptomics, cellular biology, bioinformatics, system biology (0.2 points for each publication up to a max. of 10 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>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. <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 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. 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</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. 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 July 3rd, 2015. The recruitment procedure will terminate at the latest by January 3rd, 2016.</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 (173_CRI_SBC – T3 permanent computational biology). 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 date of hiring, the candidate must provide the following, on penalty of cancellation:</p> <ul style="list-style-type: none"> - Copy of the PhD certificate in informatics, physics or bioinformatics; - Copy of Master Degree certificate in informatics, physics or bioinformatics.
<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, sent to the contact address used to send the curriculum.</p>
<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 curriculum.</p>

	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