

Job description	Selection code: 187_CRI_BAD
<p><b>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.</b></p>	
<p>Type of post and number of positions vacant</p>	<p><b>N. 1 (one) temporary position for 36 months as Third band Researcher in the field of biostatistics and data management</b></p>
<p>Organisational structure and manager for the position</p>	<p>Research and Innovation Centre (CRI), Computational Biology Department (DBC).</p>
<p>Requirements necessary for participation</p>	<ul style="list-style-type: none"> <li>● Master degree in statistics, mathematics, physics or pharmacy;</li> <li>● PhD in statistics, mathematics, bioinformatics, systems biology, chemometrics, nutrition;</li> <li>● Minimum 12 months of post doc work experience in statistics, data analysis, bioinformatics or systems biology in qualified research institutions;</li> <li>● Knowledge of written and spoken English (minimum level B1), evaluated during the interview.</li> </ul>
<p>Exclusion from the recruitment process</p>	<p>The following may not participate in the recruitment process: temporary employee (tempo determinato) who worked in the same activities in the Foundation; and project workers (contratto a progetto) who worked more than 36 months in the Foundation.</p>
<p>Job description</p>	<p>The successful candidate will provide statistical support to the research activities of CRI and collaborate to the development and implementation of innovative approaches in data integration and analysis</p>
<p>Duties / Tasks</p>	<ul style="list-style-type: none"> <li>● Statistical support to the CRI research activities</li> <li>● Development and application of algorithms for the analysis and statistical modelling of metabolomics and proteomics data.</li> <li>● Support to the research activities in the field of data integration and biological networks analysis</li> </ul>
<p>Keywords</p>	<p>Statistical data analysis, -omics data, bioinformatics, chemometrics</p>
<p>Recruitment methods</p>	<p>By qualifications (<b>max 30 points</b>) and interview (<b>max 70 points</b>). The results of the recruitment process will be based on the total points obtained as a result of qualifications and performance at the interview.</p>
<p>Subjects covered in the interview</p>	<p>During the interview, that will be in English, the following knowledge will be verified (<b>max 70 points</b>):</p> <ul style="list-style-type: none"> <li>● Strategies for experimental design (<b>15 points maximum, 11 required</b>);</li> <li>● Advanced methods of statistical modelling and interpretation of –omics data (<b>15 points maximum, 11 required</b>);</li> <li>● Methods for data fusion and biological network analysis (<b>15 points maximum, 11 required</b>);</li> <li>● Development of pipelines and software packages for data analysis (<b>15 points maximum, 11 required</b>);</li> <li>● Knowledge of the activities and organization of Fondazione Edmund Mach (<b>10 points maximum, 6 required</b>).</li> </ul> <p>The candidate must obtain a <b>minimum mark at the interview of 50/70 Points</b>.</p>

<p>Criteria for the pre-selection</p>	<p>On the basis of the information contained in the curricula or demonstrated by the candidates, the best 10 applicants, based on the highest scores obtained following the criteria below, will be selected and admitted to the interview (<b>max. 30 points</b>):</p> <ul style="list-style-type: none"> <li>• Post-doc work experience, beyond the experience mentioned in the requirements, in the areas of statistics, data analysis, bioinformatics or systems biology in highly qualified research institutions or Universities (<b>between 0.5 and 2 points for each year, depending on the relevance of the research activities, up to a maximum of 12 points</b>)</li> <li>• Scientific publications in journals with Impact Factor (IF) in the field of statistics, data analysis, bioinformatic, chemometrics and to their applications to life sciences and agricultural research (<b>between 0.5 and 2 points for each publication, depending on IF: 0.5 if IF&lt;2; 1 if IF between 2 and 4; 1.5 if IF between 4 and 10; 2 if IF higher than 10; and up to a maximum of 18 points</b>).</li> </ul>
<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 B1.</p> <p><i>To understand the levels of knowledge required consult the dedicated page at the EUROPASS site:</i>  <a href="https://europass.cedefop.europa.eu/it/resources/european-language-levels-cefr">https://europass.cedefop.europa.eu/it/resources/european-language-levels-cefr</a></p> <p><b>In the event that it is ascertained that the candidate does not have knowledge of English corresponding with level B1, s/he will be excluded from the recruitment process.</b></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 (<b>NO PEC</b>), 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", Third band Researcher, 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 <b>arrive by and no later than 23:59</b> (the date and time of receipt shown in the electronic mail account of the Foundation shall be valid) <b>on January 21<sup>st</sup>, 2016</b>.</p> <p>The recruitment procedure will terminate at the latest by July 21<sup>st</sup>, 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 (<b>NO PEC</b>) <a href="mailto:curricula@fmach.it">curricula@fmach.it</a>, indicating the recruitment code in the object of the message (<b>187_CRI_BAD_R3 temporary biostatistics</b>).</p> <p>The work curriculum must be saved with file extension: <b>Surname Name_CV.doc , or .pdf</b>.</p> <p>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</p>	<p>By at least 10 days before the date of hiring, the candidate must provide the following, on penalty of cancellation:</p>

relative deadlines	<ul style="list-style-type: none"> <li>• Certificate of M.Sc in statistics, mathematics, bioinformatics, systems biology, chemometrics or nutrition;</li> <li>• Certificate of PhD in statistics, mathematics, bioinformatics, systems biology, chemometrics or nutrition</li> <li>• Documentation proving at least 12 months of post-doc work experience in the areas of statistics, data analysis, bioinformatics or systems biology</li> </ul>
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 ( <b>NO PEC</b> ), sent to the contact address used to send the curriculum.
Hiring conditions and categories covered by Law 68/99	<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> <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.</p>
Handling of data	The curriculum must include the following phrase, otherwise the candidature will not be taken into consideration: <b>I agree to the handling of my personal data in accordance with D.lgs. 196/2003.</b> 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. Sergio Menapace