

Job description	Selection code: 224_CRI_BPN
Type of post and number of positions vacant	N. 1 (one) collaboration contract for 36 months as co.co.co. (contratto di collaborazione coordinata e continuativa) 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.
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; • Two reference letters need to be sent by March 23, 2017. Reference letters must be sent directly by the two referees, from their institutional email address, to the email curricula@fmach.it. Reference letters sent by non-institutional email addresses, or directly forwarded by candidates will not be considered; • Knowledge of written and spoken English (minimum level B1), evaluated during the interview.
Exclusion from the recruitment process	<p>The following are not admitted in the recruitment:</p> <ul style="list-style-type: none"> • people who have already carried out tasks of the same level at the Foundation; • people who have already collaborated (as co.co.co or co.co.pro.) with the Foundation for 36 months.
Job description	The successful candidate will be expected to conduct research on the topic "Yeast biofactories" and will join a multidisciplinary Italy and Swiss based team working on the production of high-value chemicals from plants through expression of biosynthetic enzymes in yeast as host system. The project will provide opportunity for travel and research within collaborators labs in Italy and Switzerland and finally to obtain the PhD degree. Candidates must have laboratory experience in microbiology, biotechnology or molecular biology and strong interest and motivation in interdisciplinary research.
Duties / Tasks	<ul style="list-style-type: none"> • Good knowledge in yeast physiology, metabolic engineering and general molecular biological methods; • Experimental design, optimizing protocols from the literature are required; • Oral presentation and written reporting of results; • Contribution to the drafting of scientific papers and finally the PhD thesis.
Keywords	Biotechnology, yeast, gene expression, metabolic engineering, fermentation, biochemistry.
Recruitment methods	By 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"> • Fundamentals in yeast physiology, metabolic engineering and general molecular biological methods (max 25 points, required at least 19 points); • Management of laboratory analysis and practical laboratory experience in the required fields proven by theoretical skills and knowledge (15 points maximum, 11 required); • Basic knowledge of bioinformatics and relevant software (max 10 points); • English spoken skills (up to 10 points);

	<ul style="list-style-type: none"> Knowledge of FEM activities and organisation (max 10 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)	<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 (maximum 30 points):</p> <ul style="list-style-type: none"> Master thesis on microbial biotechnology or similar field (5 points maximum); Work experience in the field of microbial biotechnology, molecular biology (depending on the relevance of the research activities, 5 points each year up to a maximum of 15 points); Quality of reference letters evaluated by give note (10 points maximum).
Knowledge of languages in the context of the Common European Framework of Reference for Languages (CEFR): level of knowledge and method of ascertainment	<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> 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 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>
Methods and deadlines for communication of the calendar and location to candidates admitted to the interview/test	<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>
Gross annual remuneration	<p>Contratto di collaborazione coordinata e continuativa (co.co.co.), yearly Euro 19.695,00 (gross salary before taxes).</p>
Deadline for presentation of applications and deadline for the conclusion of the recruitment procedure	<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 March 23, 2017.</p> <p>The recruitment procedure will terminate at the latest by September 23, 2017.</p>
How to present applications	<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 (224_CRI_BPN – co.co.co. 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	<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"> Certificate of Master Degree.

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 (NO PEC), 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. Sergio Menapace