



**PUBLIC CALL TO APPLY FOR A TEMPORARY POSITION:  
“ EXPERT IN PROTEOMICS, LIQUID CHROMATOGRAPHY AND MASS SPECTROMETRY”**

**Rif: General Director deliberation n. 370 dated June 4, 2014**  
**Published in the register of the Istituto Zooprofilattico Sperimentale “G. Caporale” of Teramo**  
**headquarters on June 5, 2014**

<b>Position</b>	Expert in Proteomics, Liquid Chromatography and Mass Spectrometry
<b>Laboratory / Department</b>	LADIMAT

<b>Job purpose</b>
To provide scientific support to Laboratories / Departments of the Institute for implementation of National and international research projects aimed at characterizing pathogens of veterinary interest.

<b>Main duties and responsibilities</b>
<ul style="list-style-type: none"> <li>- To Develop and optimize methods for extraction, fractionation, separation and concentration of proteins starting from bulk protein mixtures.</li> <li>- To develop and optimize methods for protein separation using SDS-PAGE and two dimensional electrophoresis</li> <li>- To develop and optimize methods for selection of immunoreactive proteins</li> <li>- To develop and optimize methods for protein identification by Mass Spectrometry</li> <li>- To express and purify recombinant antigens</li> <li>- To collect, analyse and interpret data related to proteomic activities</li> <li>- To prepare scientific report, project report and to assist in writing scientific articles</li> <li>- To assist the head of the Animal Health Laboratory in writing scientific research proposals</li> <li>- To provide scientific and technical support and training to other Laboratories of the Institute according to the instruction of the Head of the Animal Health Laboratory</li> </ul>

<b>Education and experience</b>
<p><b>Required:</b></p> <p>A1 A level of education which corresponds to completed university studies attested by a diploma in the field of Chemical Engineering or Chemistry obtained in UE.</p> <p>A2 At least five (5) years of relevant and proven professional experience in the field of Proteomic and Mass Spectrometry in Public Health Laboratories.</p> <p>A3 Good knowledge of written and spoken English language (B2 according to the Common European Framework of Reference for Languages).</p> <p>A4 Good knowledge of written and spoken Italian language.</p> <p>A1, A2, A3 and A4 requirements have to be satisfied, penalty of exclusion, within the expiry date for application submission</p>

Other Skills and abilities
<p><b>Required:</b></p> <ul style="list-style-type: none"> <li>- Excellent knowledge of methods for protein extraction, purification and concentration</li> <li>- Excellent knowledge of chromatographic and electrophoretic technique for protein separation</li> <li>- Excellent knowledge of laboratory instrumentation for activities of proteomics, affinity chromatography and mass spectrometry</li> </ul>
<p><b>Skills Essential:</b></p> <ul style="list-style-type: none"> <li>- Interpersonal skills, preferably developed in multicultural international environment</li> <li>- Good organization skills according to tasks assigned and deadlines</li> <li>- Good problem-solving skills</li> <li>- Ability to work in a collegiate system</li> <li>- Ability in drafting reports</li> </ul>
<p><b>Experience</b></p> <p><b>Essential:</b> Proved experience in national and international project implementation in the field of proteomic characterization of microbiological pathogens</p>

Job features
<p><b>Planning and Organizing</b></p> <ul style="list-style-type: none"> <li>• To plan, organise and carry out missions in the framework of International projects implemented by the Istituto "G. Caporale" in the veterinary field.</li> <li>• To assist the Head of the Project and Participation Departments in monitoring Projects implemented by the Istituto "G. Caporale" at International level.</li> <li>• To assist the Head of the Project and Participation Departments in managerial and administrative tasks.</li> <li>• Active proposing of new opportunities in the International cooperation.</li> </ul>
<p><b>Decision Making</b></p> <ul style="list-style-type: none"> <li>• Decide how best to apply methodologies and techniques for proteomic characterization of pathogen of veterinary interest to fulfil aims of projects implemented at National and International level</li> </ul>
<p><b>Internal/External Relationships</b></p> <p><i>Internal:</i></p> <ul style="list-style-type: none"> <li>• Heads of the Project and Participations Department for exchange of information and advice to ensure objectives are met.</li> <li>• Members of the Project and Participations Department to exchange information to ensure efficient working.</li> <li>• Personnel of the Institute for multidisciplinary collaboration in the framework of international projects.</li> </ul> <p><i>External:</i></p> <ul style="list-style-type: none"> <li>• National Research Institutes for information exchange and consultancy as appropriate.</li> <li>• International Institutions for cooperation with in projects and consultancy as appropriate.</li> </ul>
<p><b>Problem Solving</b></p> <ul style="list-style-type: none"> <li>• To solve technical problems related to proteomic characterization of pathogen of veterinary interest arising in the implementation of National and International projects</li> </ul>

Candidates evaluation
<p>The applications received before the deadline and eligible according to the provisions of this notice will be submitted, in the presence of specific needs of activities related to different structures, to a Commission specially appointed to arrange for the comparative</p>

assessment of candidates' curricula. The commission will allocate 20 points with reference to the following elements:

<b>Subject</b>	<b>Evaluation criteria</b>	<b>Highest score</b>
<b>Degrees</b>	Level of qualification	3
<b>Training and working experience in the area of specific interest</b>	Level of qualification	12
<b>Languages</b>	Level of qualification	2
<b>Publications in the area of specific interest</b>	Only publications in national and international journals will be evaluated	3

The curricula evaluation can be supplemented, if the Commission deems it appropriate to investigate the degree of skill and experience of candidates, with an interview to applicants with more meaningful curricula in relation to specific activities to be carried out within the employing structure. The interview will be evaluated with the maximum score of 20 marks.

The minimum score of 14 (both for the curriculum evaluation and the interview) is required to pass the evaluation successfully.

Information on the date and place of the interview will be provided through the Institute web site ([www.izs.it](http://www.izs.it) – concorsi).

#### **Terms e conditions**

The list of candidates resulting from this selection will substitute any other existing list relevant to the professional position requested. Candidates included in previous lists resulted from old selections or calls will not be automatically relocated into the new list. Candidates will be invited to an interview or examination via communication made in the section of the site [www.izs.it](http://www.izs.it), dedicated to competitions and by email to the address used for the on-line registration on the application WEB "Trasparenza", "Concorsi" (<http://www.izs.it/IZS/Engine/RAServePG.php/P/269810010722/T/Concorsi-e-Incarichi-di-collaborazione>).

The Institute does not take any responsibility for lack of vision by the candidates of the calendar for interviews or examination.

All other communications relating to this notice will be made by publication on the website section dedicated to [www.izs.it](http://www.izs.it) competitions: the submission of the application is equivalent to full and unconditional acceptance of this modality of communication.

If the Commission deems it appropriate the level of qualification of the applicants, will be further investigated by an interview. Candidates who will not get the minimum qualifying mark (14/20) as a result of the interview or examination, will be permanently excluded from the list.

At the interview or test the candidates must bring a valid identity document in accordance with the existing legislation.

Candidates that do not attend the interview or examination on the day, hour and venue scheduled by the Commission, will be declared excluded from the selection, whatever is the cause of the absence, even if not dependent on their will.

In case of assignment of the job position, eligible applicants will be contacted according to the merit ranking, decided by Commission based on results of the competition. In case of declining the position offer (which must be notified by a written communication), the candidate will not be excluded from the list of eligible applicants.

Following acceptance of the job position, the person concerned will be considered temporally suitable to carry out and to complete tasks assigned. This judgment has to be confirmed by the head of the department/laboratory to which the person has been assigned, either expressly or tacitly, within the first fifteen days since the beginning of the contract. If during first fifteen days since the beginning of the contract, the head of the department/laboratory verifies that the applicant is unfit to provide the role required by the position, the head can definitely ask for the immediate conclusion of the contract, providing adequate justification. The interruption of the assignment - like the declining the

Job offer after accepting the position - will result in the automatic exclusion of the candidate from the list of eligible candidate, and the inability to be reinserted in the same list. The candidate is allowed to apply for a new call concerning the same professional profile.

The merit ranking, composed by candidates who have obtained a judgment of eligibility in the interview or in the examination with a score of at least 14/20, is edited by Commission considering the descending order of overall scores obtained by each candidate.

The merit ranking will be published in the aforementioned section of the site [www.izs.it](http://www.izs.it) dedicated to competitions and will remain in force for 24 months, unless otherwise expressly declared according to the time required for approval of the lists resulting from subsequent public calls for the same professional figure. Any additions or modifications of applications may not be made by the candidates who are on the list.

The assignment of the collaboration contract for the candidate will be awarded for the implementation of the research activities.

The selected candidate will be offered a 36 months contract with the payment of a gross monthly salary of € 1,500.00, according to the complexity of the tasks specifically assigned to and the experience gained in the field. The contract, in addition to defining all aspects of legal, economic, tax and social security will also contain a statement that the relative performance of a strictly personal nature, will be carried out without exclusivity and without a relationship of subordination with this Institute. However, the candidate will take into account the instructions and general guidelines given by his/her Responsible, to whom she/he shall periodically report the results; this for the purpose of the necessary coordination of the services provided for the specific objectives to be pursued.

The assigned tasks will be materially carried out at the Teramo headquarters; however the candidate will have the possibility of performing the same assignment also at different location in Italy or abroad (short or long term missions), where it is deemed necessary for the successful completion of the tasks referred to in this call.

#### **Submission of applications**

Participants' application to this call, drawn on plain paper in Italian or English according to the annexed form and signed by the candidate, must be sent by express courier - penalty of exclusion, **no later than June 16, 2014** - to the Director of the Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale".

The dispatching date is certified by the stamp and date of the courier. The application shall be accompanied, penalty of exclusion, by a detailed curriculum in Italian and English language drawn on plain paper according to Europass form dated and signed, and the photocopy of a valid identity document.

Applicants failing to meet the requirements (A1, A2, A3 and A4) of the application for admission will be excluded from participation in this notice.

Applications without CV will not be accepted.

In compliance with the D.Lgs. n.196 of 30 June 2003 - "Code for the protection of personal data" - the personal data provided by the candidates will be collected and processed only with the purposes of the selection management procedure, and in accordance with the terms of the current legislation on the management of the tasks that will be assigned on the basis of the list determined as result of this notice.

For any further information and for the collection of a copy of this notice, please contact Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" - Human Resources, Campo Boario - 64100 Teramo by email ([concorsi@izs.it](mailto:concorsi@izs.it)).

**THE DIRECTOR GENERAL**

Fernando Arnolfo

**PUBLIC CALL TO APPLY FOR A TEMPORARY POSITION:  
EXPERT IN PROTEOMICS, LIQUID CHROMATOGRAPHY AND MASS  
SPECTROMETRY  
APPLICATION FORM**

TO THE DIRECTOR GENERAL  
Istituto Zooprofilattico Sperimentale  
dell'Abruzzo e del Molise "G. Caporale"  
Campo Boario, snc  
64100 TERAMO - I

[Please print all the requested information except signature]

I, the undersigned ....., ask to be in the assignment list for the position of Expert in Proteomics, Liquid Chromatography and Mass Spectrometry.

**PERSONAL INFORMATION:**

Name..... Middle name..... Surname..... Maiden name.....  
born in ..... on.....;  
nationality .....

Present address:

street.....n°.....  
post code..... city.....  
province/region..... country.....  
telephone..... e-mail address.....;

**I DECLARE:**

1. the eligibility for the position at the Istituto "G. Caporale";
2. the knowledge of written and spoken Russian language at the following level (according to the Common European Framework of Reference for Languages):

UNDERSTANDING	Listening .....	Reading .....
SPEAKING	Spoken Interaction .....	Spoken Production .....
WRITING	Writing .....	

3. the knowledge of written and spoken English language (according to the Common European Framework of Reference for Languages):

UNDERSTANDING	Listening .....	Reading .....
SPEAKING	Spoken Interaction .....	Spoken Production .....
WRITING	Writing .....	

4. the knowledge of written and spoken Italian language (according to the Common European Framework of Reference for Languages):

UNDERSTANDING	Listening .....	Reading .....
SPEAKING	Spoken Interaction .....	Spoken Production .....
WRITING	Writing .....	

5. I have never been convicted for a crime [ ] or  
 I have been convicted for a crime [ ] Please check  
 If convicted, explain number of conviction(s), nature of offense(s) leading to conviction(s),  
 how recently such offense(s) was/were committed, sentence(s) imposed, and type(s) of  
 rehabilitation. ....  
 .....  
 .....

**ACADEMIC QUALIFICATIONS:**

[Please supply a copy of your academic transcripts and certificates]

DEGREE <sup>1</sup>	START-END DATES	INSTITUTION ATTENDED	SUBJECT STUDIED	CLASS OR GRADE AWARDED	TITLE OF DISSERTATION
FIRST DEGREE					
HIGHER DEGREES					

[CRITICAL INFORMATION CONCERNS THE FIRST DEGREE AND THE PhD OR EQUIVALENT]

**RELEVANT EMPLOYMENT OR WORK EXPERIENCE**

[You need at least five (5) years of relevant and proven professional experience in the field of Proteomic and Mass Spectrometry in Public Health Laboratories.]

Current employment organization and dates	Job title & brief description of duties
Previous relevant employment organizations and dates	Job title & brief description of duties


[Please complete even if a CV is enclosed.]

**SCIENTIFIC PRODUCTION:**

List of Publications:

Other information: (driving license, social, organizational and technical skills and competences, etc.)

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Applicants are notified that, according to the Italian Law D. Lgs 196/2003 Art. 13 (Personal data protection code), all personal data provided will only be processed for the institutional purposes of Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise “G. Caporale”

**.Enclosures:**

Attach a list of enclosures.

[At least a Curriculum vitae; a copy of a valid identity document and copy of academic transcripts and certificates are to be enclosed]

Date.....

Signature.....