



# UNIVERSITÀ DI SIENA

1240

SERVIZIO CONCORSI E  
PROCEDIMENTI ELETTORALI

**Comparative selection procedure based on qualifications, a public interview and oral exam for the recruitment of a Fixed Term Junior Research Associate, in accordance with art. 24, parag. 3, letter a) of Law no. 240 dated 30.12.2010, for a three year term – full time, with a gross annual salary of € 150.000,00 paid by external funds, Academic discipline MED/42 Hygiene and Public Health - Academic recruitment field 06/M1 Hygiene, Public Health, Nursing and Medical Statistics - Department of Medicina Molecolare e dello Sviluppo, research project: “Standardization and Development of Assays for Assessment of Influenza Vaccine Correlates of Protection” – Scientific Head Prof. Emanuele MONTOMOLI**

## **ADMISSION REQUIREMENTS**

Applications for the comparative selection procedure are accepted from EU and non-EU candidates holding a PhD or equivalent completed in Italy or abroad, or a diploma of medical specialization in the relevant area(s). Preference will be given to those in possession of a PhD or equivalent. Pursuant to art. 29, parag. 13 of law 240/2010, until the year 2015 an Italian second cycle degree (*Laurea magistrale*) or equivalent is considered valid for participation in this procedure, when accompanied by suitable scientific and professional experience which qualifies candidates to carry out the research activities.

Preference will be given to those in possession of an Italian second cycle degree (*Laurea magistrale*) or equivalent in the field of Biological Sciences and/or a PhD completed in Italy or abroad in the same field and to those who have already received a research bursary.

Academic qualifications obtained abroad must normally be recognized in Italy pursuant to current applicable legislation (further information is available on the website of the Ministry of Education, University and Research: [www.miur.it](http://www.miur.it))

Candidates must be in possession of the requirements for admission to the selection procedure by the deadline of this call.

Applications cannot be accepted from the following people: retired or currently employed full or associate University professors or researchers; those who have a relationship of consanguinity or affinity up to and including the fourth degree with a professor employed at the Department proposing the activation of the contract, or with the Rector, the Registrar or a member of the University Council.

## **Application Procedure**

Applications, on unstamped paper, must be addressed to *Direzione Generale dell'Università degli Studi di Siena - Banchi di Sotto n. 55 - 53100 Siena*, and can be delivered by hand or posted by recorded delivery or sent by certified email, email or fax within 30 days starting the day after the publication of this call in the *Gazzetta Ufficiale della Repubblica Italiana*.

Proof of receipt will be considered as: for applications delivered by hand - the receipt issued by the University's *Servizio Concorsi e Procedimenti Elettorali*; for applications sent by post - the date stamp of the accepting Post Office; for applications sent by certified email (PEC) [rettore@pec.unisipec.it](mailto:rettore@pec.unisipec.it) - the date of the delivery receipt sent automatically by the system; for those sent by fax: 0577 232227 or email: [concorsi@unisi.it](mailto:concorsi@unisi.it), the date of the University terminal that receives them. The University administration declines any responsibility for non-receipt of applications due to third party liability. To check whether an application has been received and is deemed complete, candidates can contact the University's *Servizio Concorsi e Procedimenti Elettorali* (tel. + 39 0577 235060 - 235058 - 235059). Applications must be accompanied by a copy of the candidate's identity document under art. 38 of Presidential Decree no. 445 of 28 December 2000.

Applications must be compiled according the enclosed model (Annex A), providing all the information required.



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Candidates must enclose with the application:

- a maximum of 12 scientific publications;
- a signed curriculum vitae.

Publications should preferably be in electronic form (e.g. on a CD-ROM) with a copy of the candidate's identity document.

## **EXAMINING COMMISSION**

The Examining Commission is composed of three full professors or researchers (including one from outside the University of Siena) belonging to the relevant academic recruitment field.

## **EVALUATION OF QUALIFICATIONS, PUBLIC INTERVIEW AND ORAL EXAM**

The selection is made by through a preliminary evaluation of candidates and a reasoned analytical judgment of their academic qualifications, curriculum and scientific productivity, including their doctoral thesis, if applicable, based on the criteria and parameters specified in Ministerial Decree 243 dated 25.05.2011.

Following the preliminary evaluation, the top 10 to 20 per cent of the most merit-worthy candidates, and in any case no less than six, will be admitted to a public interview with the Commission concerning their qualifications and scientific work. If only six or less candidates apply, all of them will be admitted to the interview.

On the same occasion as the interview, candidates will be required to take an oral exam in the **English Language**, to ascertain their proficiency, as declared in their academic qualifications. Candidates who do not pass the oral exam are not considered eligible.

Prior to the start of the interview, the candidate must declare under his/her own responsibility, pursuant to article 7 of the University Code of Ethics, that he/she does not have a relationship of consanguinity or affinity up to and including the fourth degree with any member of the Committee, and that the Committee does not include his/her spouse or partner or any persons with whom he/she has business relations.

Following the interview, a score is given to the qualifications and each publication presented by the candidates who have passed the oral exam, according to criteria established in advance by the Commission itself.

The Commission writes up a report at the end of each individual meeting.

A notice inviting candidates for the interview and oral exam will be sent to the individual candidates at least fifteen days before the date of the interview and exam. This notice need not be given fifteen days in advance if all candidates admitted to the selection provide their explicit written consent.

Candidates must bring their identity document.

EU nationals must bring their passport or identity document issued by their country of origin. Candidates from non-EU countries must only bring their passport.

## **RANKING LIST AND PROPOSAL OF EMPLOYMENT**

Upon completion of the selection procedure, the Commission draws up a ranking list of eligible candidates. This list is valid for two years.

## **CONTRACT AND ACTIVITIES**

The successful candidate will be offered a full time three-year contract. The contract can be renewed only once for a two-year period, subject to the availability of financial resources as well as a positive evaluation of the teaching and research carried out. This evaluation will be made in accordance with the methods, criteria and parameters specified by ministerial decree.

The University will pay for insurance against accidents and third party liability.



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In line with the project, the researcher will carry out the following research activities:

*The serological techniques commonly used to quantify influenza specific antibodies include the Haemagglutination Inhibition (HI), Single Radial Haemolysis (SRH) and Virus Neutralization (VN) assays. The HI assay is considered the gold standard as correlate of protection for influenza vaccines but shows some limitations including high variability between laboratories, low sensitivity for B and avian viruses and technical aspects such as the red blood cells that could influence the assay. The VN assay is useful for serology of avian viruses but the major drawbacks are the necessity to handle wild-type virus and the lack of common reference protocols leading to a significant inter laboratory variation. The aim of the project is to revise and standardize existing serological assays, and, whenever feasible, to develop new assays to better evaluate influenza vaccine immunogenicity.*

The successful candidate will be responsible for a total of 60 hours of classroom teaching each academic year.

The total annual commitment to teaching, supplementary teaching and student support is equivalent to 350 hours; for the purposes of reporting on the research project, the research, supplementary teaching and student support together are figuratively equal to 1500 each year.

In the case of public funding, the contract will be terminated should the funding not be received. The trial period lasts three months.

#### **INCOMPATIBILITY AND OTHER COMMITMENTS**

The research contract is not compatible with the following:

- any other contract of employment with a public or private body;
- research grants from other Universities;
- teaching contracts regulated by the relevant provisions in force;
- doctoral or post-doctoral research grants or, in general, any grant or scholarship for any purpose awarded by the University or any third party;

#### **PUBLICATION**

This call and the summary in English are published on the University's portal at the following address: <http://www.unisi.it/ateneo/concorsi>, on the website of the Ministry for Education, University and Research ([www.miur.it](http://www.miur.it)) and on the European Union portal (<http://ec.europa.eu/euraxess/>).

Siena, 21 OTT. 2015

The Registrar  
Marco Tomasini

Procedure manager  
Maria Bruni