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UFFICIO PROGRAMMAZIONE

RUOLI E RECLUTAMENTO

COMPARATIVE SELECTION FOR N. 3 FIXED TERM JUNIOR RESEARCH ASSOCIATE – ART. 24, PARAG. 3, LETTER A) OF LAW NO. 240 DATED 30 DECEMBER 2010 – FULL TIME and PART TIME- THREE-YEAR TERM - ABSTRACT

Art. 1 – ASSESSMENT PROCEDURES

DEPARTMENT OF MEDICAL BIOTECHNOLOGIES (DBM)

n. 1 POSITION – FULL TIME

Research field: Biological Sciences

Academic recruitment field: 05/E1- GENERAL BIOCHEMISTRY

Academic discipline: BIO/10 – BIOCHEMISTRY

Research Project: “Decoding biological functions of heparan sulfate proteoglycans (HSPG) for their development as tumor targets for diagnosis and therapy”

Research activities: Aim of the project is studying the role of Heparan Sulfate Proteoglycans (HSPG) in cancer cells. Prof. Bracci’s group produced branched synthetic peptides, named NT4, that by specifically binding sulphated glycosaminoglycans (GAG) of HSPG selectively recognize cells and tissues from different human cancers, where HSPG are extremely over-expressed. Availability of sulphated GAG selective ligands allows a translational research, which is aimed at both validating HSPG as tumor markers for developing cancer selective targeting agents for cancer therapy and diagnosis and at studying the scarcely clarified molecular basis of HSPG role in cancer cell differentiation proliferation migration and invasiveness. The project also requires specific competence for running the Surface Plasmon Resonance platform.

Hours of classroom teaching each academic year: up to a maximum of 60 hours per academic year

Maximum of scientific publications: 12

Scientific Head: Prof.ssa Luisa Bracci

Foreign requested language: English - **Level of proficiency:** Good

DEPARTMENT OF SOCIAL, POLITICAL AND COGNITIVE SCIENCES (DISPOC)

n. 1 POSITION – FULL TIME

Research field: Political science

Academic recruitment field: 14/A2 - POLITICAL SCIENCE

Academic discipline: SPS/04 - POLITICAL SCIENCE

Research Project: “CITIZEN’S ENGAGEMENT IN MULTILINGUAL AND MULTILEVEL CONTEXTS: experimental and observational approaches to deliberation and survey research”

Research activities: The activity covered by the call aims:



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- a) to investigate under what conditions deliberation, reduce polarization, strengthen European identity, encourage inclusion, foster citizen reflexivity and bridge the gap between politicians and citizens.
- b) to explore and measure public perceptions of security challenges and EU defense, foreign and security policies.

In line with these objectives, the recruited researcher must:

- 1) Having consolidated skills in experimental and observational behavioral approaches.
- 2) Have experience in the design and execution of deliberative experiments.
- 3) Have a solid statistical background, with particular reference to experiments, surveys and analyzes of small groups (focus groups).
- 4) Collaborate in all aspects of research, with a particular emphasis on data management and analysis and on preparing manuscripts for leading peer-reviewed journals.

Hours of classroom teaching each academic year: up to a maximum of 60 hours per academic year

Maximum of scientific publications: 15

Scientific Head: Prof. Pierangelo Isernia

Foreign requested language: English - **Level of proficiency:** Excellent

DEPARTMENT OF SOCIAL, POLITICAL AND COGNITIVE SCIENCES (DISPOC)

n. 1 POSITION – PART TIME

Research field: Political science

Academic recruitment field: 14/A2 - POLITICAL SCIENCE

Academic discipline: SPS/04 - POLITICAL SCIENCE

Research Project: "CITIZEN'S ENGAGEMENT IN MULTILINGUAL AND MULTILEVEL CONTEXTS: computational analysis and big data in deliberation and survey research"

Research activities: The activity covered by the call aims:

- a) to investigate under what conditions deliberation can help reduce polarization, strengthen European identity, encourage inclusion, foster citizen reflexivity and bridge the gap between politicians and citizens;
- b) to explore and measure public perceptions of security challenges and EU defense, foreign and security policies.

In line with these objectives, the recruited researcher must:

- 1) have experience in computational analysis of natural language, in text mining and in the analysis of audiovisual materials;



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2) have skills in analyzing panel data for transnational surveys combined with media content from a variety of sources (text, images, video from TV, radio and online sources);

3) collaborate in all aspects of research, with a particular emphasis on data management and analysis and on preparing manuscripts for leading peer-reviewed journals.

Hours of classroom teaching each academic year: up to a maximum of 60 hours per academic year

Maximum of scientific publications: 15

Scientific Head: Prof. Pierangelo Isernia

Foreign requested language: English - **Level of proficiency:** Excellent

Art. 2 – REQUIREMENTS FOR ADMISSION TO THE PROCEDURE

1. Applicants are eligible if holding a PhD or equivalent completed in Italy or abroad.
2. Applicants are eligible if EU or non-EU citizens meeting the admission requirements stated above.
3. **In relation to qualifications obtained abroad, it is necessary to attach to the application, alternatively:**
 - **the above-mentioned academic equivalence of the educational qualification in accordance with art 38 of Legislative Decree no 165/2001;**
 - **or the certificate of equipollence with the PhD title in accordance with Italian University regulations issued pursuant to Paragraph 74 of Presidential Decree 382/1980;**
 - **or the application for the request of the equivalence/equipollence certificate.** In this case, applicants will be provisionally admitted to the call, it being understood that the academic equivalence/equipollence certificate must be in their possession no later than 30 days after the day of publication of the Decree of Approval (*Approvazione atti*) on the online Bulletin Board (*Albo on line*) - see art. 3 clause 6.

For further information please consult the following website

<http://www.funzionepubblica.gov.it/strumenti-e-controlli/modulistica>

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

5. **All candidates are admitted to the selection procedure conditionally, reserving the right to verify that they meet the requirements for admission to the selection procedure.** The administration can, at any time and with justifiable reason, exclude candidates who fail to meet the selection requirements.

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

7. Furthermore, applications cannot be accepted from those who have been awarded of a Post-Doc or PhD research fellowship (in accordance with Article 22, Law 240/2010 – *Assegno di ricerca*), or who have been employed as a Junior/Senior Research Associate (in accordance with Article 24, Law 240/2010 – *Ricercatore a tempo determinato*), at Italian Universities or at the Institutions stated in Article 22 comma 2 Law 240/2010, if the sum of the duration of the research fellowship and the duration of the contract as a Junior/Senior Research Associate and the duration of the position that is the subject of this selection procedure is more than 12 years (even if not continuous).



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The calculation of the above mentioned sum (12 years) does not include maternity leave or sick leave used during research fellowships awarded in accordance with Article 22 Law 240/2010.

8. It's necessary to pay 10€, within the term stated in art. 3 co. 1, as a contribution to cover the cost of the Recruitment Process, to complete the application. The payment must be made through PagoPA, following the indications of the platform while the application is being completed. It is recommended to complete and send the application in advance of the deadline. The contribution paid will not be refunded, even in case of withdrawal of the application or exclusion.

Art. 3 - PRESENTATION OF THE APPLICATION

1. Applications for admission to the procedures and the documents indicated below, **in pdf (size limit: 30 MB for every single PDF file)**, must be lodged by using the application <https://pica.cineca.it/unisi>. The application must be submitted on line no later than 30 days after the date of publication of the notice for this call for applications in the Official Journal of the Italian Republic (Gazzetta Ufficiale).

For technical problems concerning the application PICA please contact unisi@cineca.it

2. The applicant will receive an e-mail after the successful submission of the application, including a confirmation and an ID number. The applicant will be able to check her/his successful submission and its recording in the register by logging into PICA.

3. The University administration declines any responsibility for non-receipt of applications due to third party liability.

4. The following documents **must be** included with the application:

- a signed and dated curriculum vitae containing a list of the candidate's qualifications, scientific publications and other activities.
- the publications the candidate intends to submit for evaluation (maximum number indicated in art. 1) by the Board and a signed list of the publications submitted; in case of discrepancy between the publication files and the list, those presented in the signed list will be evaluated by the Commission;
- copy of a valid identity document.

5. The applicant will have to declare pursuant to articles 46 and 47 of Presidential Decree no. 445/2000 certifying the truth of all data contained in the application.

The applicant furthermore declare that:

- to have no criminal convictions;
- to have no criminal proceedings in progress;
- to be registered on the electoral roll;
- to enjoy civil and political rights in state of citizenship/origin;
- to have not been dismissed or released from a post with the Public Administration or for whom State employment has lapsed pursuant to Presidential Decree 3/1957;
- to be no retired or currently employed full or associate University professors or researchers;
- to do not have a relationship or affinity up to and including the fourth degree with a professor belonging to the Department or the structure proposing the activation of the contract, or with the Rector, the General Manager or a member of the University Council;



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- to be perfectly aware that the Commission will be appointed by decree of the Rector, published, with the validity of notification, on the online Bulletin Board (“Albo on line”) and on the University of Siena website;
- to be perfectly aware that the criteria established by the Commission and the list of eligible applicants, identified by id number, will be published, with the validity of notification, on the online Bulletin Board (Albo on line) and on the University of Siena website;
- to be perfectly aware that the date and the time of the interview (in video conferencing if required), will be published, with the validity of notification, on the online Bulletin Board (Albo on line) and on the University of Siena website; the absence of the candidate (including in video conferencing) will be considered as a renunciation of the selection, whatever the cause
- to be perfectly aware that the Decree of Approval (*Approvazione atti*) will be published, with the validity of notification, on the online Bulletin Board (*Albo on line*) and on the University of Siena website;
- to be perfectly aware that every change of residence and/or contact number and/or e-mail address must be promptly notified to the Planning and Recruiting Office (*Ufficio programmazione e reclutamento*);

It is important to highlight that non-Italian applicants will have to declare to have adequate knowledge of the Italian language.

6. Publications must be submitted in the original language which, if other than Italian, English, French, German and Spanish, must be translated into one of said languages. The translated texts must be submitted as a certified true typed copy as required by current regulations.

7. Documents written in a foreign language other than Italian, English, French, German and Spanish, must be accompanied by an Italian translation, certified as true to the original text by the competent diplomatic or consular representation, or by an official translator.

Art. 4 - EXAMINING COMMISSION

1. The Examining Commission is composed of three full professors belonging to the above-mentioned academic discipline or to an academic discipline in the same above-mentioned academic recruitment field or group of academic recruitment fields. One member is appointed by the Board of the Department, the other two (who are not employed by the University of Siena) will be chosen randomly among four nominees, proposed by the board of the Department as well.

2. Prior to the start of the selection, 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.

3. Meetings of the Committee, included the interview, may be held in video conferencing, if necessary, due to the COVID-19 emergency.

Art. 5 - EVALUATION OF QUALIFICATIONS, PUBLIC INTERVIEW AND ORAL EXAM

1. 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



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thesis, if applicable, based on the criteria and parameters specified in University Ministerial Decree 243 dated 25.05.2011.

2. 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. The interview may be held in video conferencing, if necessary, due to the COVID-19 emergency.
3. Should the candidates be foreign nationals, they must demonstrate an adequate knowledge of the Italian language during the interview.
4. 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.
5. The Commission writes up a report at the end of each individual meeting.
6. A notice regarding the date of the interview will be published on the Bulletin Board ("Albo on-line") at least twenty days before it is to take place. This advance notice need not be given if all candidates explicitly agree in writing. The date and the time of the interview will be published, with the validity of notification, on the online Bulletin Board (Albo on line) and on the University of Siena website.
7. Candidates must bring their valid identity document.
8. 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. The absence of the candidate from the tests will be considered as a renunciation of the selection, whatever the cause.

Art. 6 - RANKING LIST AND PROPOSAL OF EMPLOYMENT

Upon completion of the selection procedure, the Commission determines the winner by drawing up a ranking list of eligible candidates. The waiting list will only remain open until the Start date for the selected Junior Research Associate.

ART. 7 - CONTRACT AND ACTIVITIES

1. 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 art. 10 university's regulations concerning fixed-term junior research associates.
2. The University will pay for insurance against accidents and third party liability.
3. 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.
4. In the case of public funding, the contract will be terminated should the funding not be received. The trial period lasts three months.

ART. 8 - 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;



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- 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.

Art. 9 - PUBLICATION

This call and the summary in English are published on the University's Albo on line, on the web page at the following address:

<https://www.unisi.it/ateneo/concorsi-gare-e-appalti/concorsi-professori-e-ricercatori/ricercatori-tempo-determinato>

The summary in Italian and in English are also published on the website of the Ministry for University and Research (<https://bandi.miur.it/>) and on the European Union portal (<http://ec.europa.eu/euraxess/>).

Date digital signature

The Rector
Francesco Frati

Endorsement
The General Director
Emanuele Fidora

Endorsement
Procedure manager
Clara Pluchino