



UNIVERSITÀ
DI SIENA
1240

COMPARATIVE SELECTION for n...1... RESEARCH GRANT – ART. 22, PARAG. 4, LETTER B) OF LAW NO. 240 DATED 30 DECEMBER 2010 - FULL TIME - NON-RENEWABLE THREE-YEAR TERM

(DDD no. 20/2016 Register no. 1828 dated 10/6/16)

DEPARTMENT OF BIOTECHNOLOGY, CHEMISTRY, PHARMACY

n. 1 POSITION

Academic recruitment field: 03/D1 Chimica e Tecnologie farmaceutiche, tossicologiche e nutraceutico-alimentari

Academic discipline: CHIM/08 Chimica farmaceutica

Research Project: Targeted small-molecule Stabilisation of Protein-Protein Interactions – TASPPI – ESR Position for Design and Synthesis of small-molecule Stabilizers of Protein-Protein Interactions (PPIs) as a novel Class of therapeutic Agents and basic Research Tool Compounds

Research activities:

The TASPPI (Targeted Stabilization of Protein-Protein Interactions) project focuses on the identification of small-molecule stabilizers of protein-protein interactions (PPIs) as a novel class of therapeutic agents and basic research tool compounds, to address unmet medical needs including cancer, neurodegenerative, pulmonary, inflammation and metabolic diseases.

- Structure- and ligand-based computational studies finalized to the study of protein motion, ligand docking, pharmacophore modeling, virtual screening, virtual library design and rational hit-to-lead optimization;
- Development of effective and economic synthetic routes for obtaining 14-3-3 PPI stabilizers;
- Ligand-based NMR studies on small libraries to probe the interaction with 14-3-3;
- Scale up syntheses for supplying sufficient amount of lead compounds for biological tests.
- participate in the pharmacological testing of the candidate 14-3-3 PPIs stabilizers in collaboration with an industry partner of TASPPI

Foreign requested language: English - Level of proficiency: Good (spoken and written)

Preferential titles:

Degree in Chemistry, Medicinal Chemistry, Biotechnology or related fields

Publication of research papers relevant to this selection procedure in peer-reviewed journals.

Proven capacities to work with Linux operating systems and basic programming skills in scientific languages (such as python, bas, C++, java)

ADMISSION REQUIREMENTS

Applications for the comparative selection procedure are accepted from:

- candidates in the first four years of their scientific career and not holding a PhD
- candidates not residing or carrying out their main activity for more than 12 months in the hosting country in the last three years prior to their recruitment

Applications are also accepted from non-EU citizens who meet the admission requirements stated above.

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



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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.

INCOMPATIBILITY AND OTHER COMMITMENTS

The research contract is not compatible with the following:

- currently employed personnel at any university, public research institution and body, at ENEA and ASI;
- Fixed Term Research Associate
- enrolled on a first or second cycle degree course, on a postgraduate school of medicine in Italy or abroad
- 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.

The research grant cannot be accumulated with any other grant awarded by other bodies, with the exceptions of grants awarded by national or foreign institutions to integrate the recipient's research activity with periods abroad. The total duration of relationships established with any bodies for research grants awarded under Law 240/2010, including any renewals, cannot in any case exceed six years.

Application Procedure

Applications for admission to the procedures and the documents indicated below must be addressed to the Administrative Secretary of the Department of Biotechnology, and Pharmacy Chemistry and lodged by certified email to pec.dbcf@pec.unisi.pec.it or by email to amministrazione.dbcf@unisi.it within June, 30th 2016.

Proof of receipt will be considered as: for applications sent by certified email (PEC) the date of the delivery receipt sent automatically by the system; for those sent by email, 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 Administrative Secretary (tel.+ 39 0577 234262 – 234535-234236 – 234235)

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.

Candidates must enclose with the application:

- scientific publications and the relevant signed list;
- a signed curriculum vitae
- Declaration in lieu of certification (Annex B)
- copy of the candidate's identity document.

EXAMINING COMMISSION

The Examining Commission is composed of three full professors or researchers (including the Project Scientific Head) belonging to the academic recruitment field or to a academic discipline in the same group of academic recruitment fields.

EVALUATION OF QUALIFICATIONS, PUBLIC INTERVIEW AND ORAL EXAM



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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.

The selection is made according to criteria established in advance by the Commission itself by through a preliminary evaluation of candidates' study titles,, curriculum and scientific productivity and then through an interview.

The selection will take place on July, 27th 2016 at 11:00 at the Department of Biotechnology, Chemistry and Pharmacy. Possible change of date will be communicate at least five days in advance.

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

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 one year starting from the deeds approval

CONTRACT AND ACTIVITIES

The successful candidate will be offered an individual, non-renewable three-year research grant, which amounts totally to Euro 150.061,32 gross (Living Allowance € 119.461,32, Mobility Allowance € 21.600,00, Family Allowance € 9.000,00).

It will be regulated by the provisions in force concerning salaried employment, also in relation to tax, healthcare and social security contributions applicable to income from employment.

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

Grants are subject to the provisions regarding obligatory maternity leave set forth in the Decree of the Ministry of Employment and Social Security of 12 July 2007 and those regarding sick leave set forth in art. 1, par. 788 of Law no. 296 of 28 December 2006 and subsequent amendments.

In the case of maternity or illness, the grant is temporarily suspended and its termination automatically postponed for the period corresponding to the duration of suspension. In compliance with the laws in force, periods of maternity or sick leave do not count towards the duration of the grant.

The successful candidate will carry out his activities, as described in Annex I to the EU Grant Agreement personally, without being substituted by others, in a continuative and not merely sporadic manner, under the supervision of the scientist in charge, without entering into an employee/employer relationship. Moreover the successful candidate will be enrolled on a PhD course. Upon completion of this three years long course he will be awarded the PhD in Chemistry and Medicinal Chemistry Sciences.

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: <http://www.unisi.it/ateneo/concorsi>, and on the European Union portal (<http://ec.europa.eu/euraxess/>).

Siena, 10/6/2016_



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The Head of Department
Annalisa Santucci

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Procedure manager
Monica Rocchi

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