



UNIVERSITÀ DI PISA

Staff management

Director: Dr. Ascenzo Farenti

Call for the selection of no. 20 short-term Research Associate positions:

The University of Pisa announces a public selection, for the assignment of n. 20 research activities grants (hereinafter referred as Research Grants). See Annex A for information on each Research Project.

Contract duration: 12 months

Gross annual salary: € 19.367,00

Admission requirements:

PhD or equivalent academic qualification awarded abroad or Medical Specialty School qualification. All qualifications shall be awarded by the interview's date.

Applications:

Applications are to be submitted online only, using the following link: <https://pica.cineca.it/unipi/>

or shall be invalid. It is necessary to have an email address to login and complete the application.

Applicants should fill in all the required data and upload all documents in PDF format.

The system allows saving a draft of the application within the application deadline. The system will register the online application date and send a receipt with an automatic e-mail reply. After deadline, the system will not allow login nor application submission.

In order to be valid, application shall include all the required data, applicant's signature and a valid identification document.

Each application will be assigned a tracking number to be cited in all subsequent communications, together with the selection code provided by the application form.

Applicants undertake to communicate in writing any variations of what declared in the application form.

The communication shall be edited in PDF format, signed and forwarded to the University of Pisa Rector via the Italian certified e-mail system address (P.E.C. Posta Elettronica Certificata): protocollo@pec.unipi.it or via e-mail at: concorsi_assegni@unipi.it. Applicant's valid identification document shall be annexed.

For further information on application submission, please refer to concorsi_assegni@unipi.it

For any IT malfunctioning please refer to unipi@cineca.it.

Applications shall be completed with the following annexes:

1. A Curriculum of the personal didactics, teaching and scientific activities, dated and signed;
2. The form (Annex B) compiled and signed by the applicant with a brief description concerning the Research Project and the scientific areas indicated in the application;
3. The qualifications applicant considers eligible for this selection;

4. The Publications applicant considers eligible for this selection;
5. A list of Publications and qualifications, dated and signed;
6. A copy of the fiscal code (if applicable) and identification card/passport, dated and signed;

All publications should not exceed 30 megabyte and are to be submitted in PDF format only, using the specific section of the application form.

If the file produced exceeds that size, it is possible to forward it by PEC (the Italian certified e-mail system address) to protocollo@pec.unipi.it with reference to the application.

Selection procedure:

The Selection Committee shall be one and appointed by the Rector.

The selection is assessed by qualifications and an interview.

The total rating allowed is 100/100. Academic qualifications and publications will be assigned up to 70 points, with a minimum passing rate of 30/70. The interview will be assigned up to 30 points, with a minimum passing rate of 21/30.

The ranking list will be compiled considering both ratings.

The Interview's date, time and location will be communicated by registered letter to all candidates at least 20 days before the interview's date.

Those candidates who submit their application before awarding the PhD qualification (or equivalent academic qualification awarded abroad or Medical Specialty School qualification) will have to certify their qualification on the day of the interview submitting to the Committee a certificate or a declaration of certification.

Candidates living abroad, and therefore unable to attend the interview at the University of Pisa, will be allowed to be interviewed via web or conference call, prior to applicant's identification by approved international universities or research centers and upon Selection Committee approval. The Selection committee is appointed to establish the duly examination of the candidates and shall acquire each candidate's copy of an identity card or passport.

Candidates are invited to check the University website (<https://www.unipi.it/ateneo/bandi/assegni/asse2018/index.htm>) during the two days before the interview date, in the event of information changes.

Please note that the English version is given as a matter of courtesy, for the only purpose of information. It cannot be legally used in the event of a dispute or a claim arising from the interpretation of this translation and concerning the contents, a possible uncertainty, contradiction or discrepancy. Should this occur, the Italian version of the call shall prevail as the only valid. For full Italian text see: <https://www.unipi.it/ateneo/bandi/assegni/index.htm>.

Code: COFIN2018_1

Department:	Biology
Subject of the research project:	Role of serotonin in modulation L-DOPA-induced dyskinesia
Scientific discipline sector	BIO/06 - Comparative anatomy and cytology
Scientific responsible:	Prof. Massimo Pasqualetti

Code: COFIN2018_2

Department:	Chemistry and Industrial Chemistry
Subject of the research project:	Synthesis of new metallodrugs for anticancer applications
Scientific discipline sector	CHIM/03 - General and inorganic chemistry
Scientific responsible:	Prof.ssa Chiara Gabbiani

Code: COFIN2018_3

Department:	Economics and Management
Subject of the research project:	Social Environmental Communication of Corporate Strategy
Scientific discipline sector	SECS-P/07 - Business administration
Scientific responsible:	Prof. Silvio Bianchi Martini

Code: COFIN2018_4

Department:	Pharmacy
Subject of the research project:	Ionic liquids for the trapping of organic or inorganic compounds from solid, liquid, and gas matrices
Scientific discipline sector	CHIM/06 - Organic chemistry
Scientific responsible:	Prof.ssa Cinzia Chiappe

Code: COFIN2018_5

Department:	Physics
Subject of the research project:	Experimental physics of gravitational waves
Scientific discipline sector	FIS/01 - Experimental physics
Scientific responsible:	Prof. Francesco Fidecaro

Code: COFIN2018_6

Department:	Computer Science
Subject of the research project:	Computational methods for the analysis and comparison of multisource-multilevel bio-informatics data
Scientific discipline sector	INF/01 - Informatics
Scientific responsible:	Prof. Corrado Priami

Code: COFIN2018_7

Department:	Energy, Systems, Territory and Construction Engineering
Subject of the research project:	Experiments, simulations and optimization of space heating and cooling systems integrated with renewable energy sources
Scientific discipline sector	ING-IND/10 - Thermal engineering and industrial energy systems
Scientific responsible:	Prof. Daniele Testi

Code: COFIN2018_8

Department:	Information Engineering
Subject of the research project:	Wireless technologies for identification, localization and tracking in IoT and Industry 4.0 paradigms
Scientific discipline sector	ING-INF/02 - Electromagnetic fields
Scientific responsible:	Prof. Paolo Nepa

Code: COFIN2018_9

Department:	Clinical and Experimental Medicine
Subject of the research project:	Evaluation of the effects of 3,5-diiodothyronine in continuous human thyrocytes
Scientific discipline sector	MED/09 - Internal medicine
Scientific responsible:	Prof. Alessandro Antonelli

Code: COFIN2018_10

Department:	Clinical and Experimental Medicine
Subject of the research project:	Advanced techniques for the exploration of the nervous system in neurodevelopmental disorders
Scientific discipline sector	MED/39 - Child neuropsychiatry
Scientific responsible:	Prof. Andrea Guzzetta

Code: COFIN2018_11

Department:	Surgery, Medical, Molecular, and Critical Area Pathology
Subject of the research project:	Clinical application of the new vestibular testing techniques
Scientific discipline sector	MED/31 - Otorhinolaryngology
Care activities:	Expected
Scientific responsible:	Prof. Augusto Pietro Casani

Code: COFIN2018_12

Department:	Surgery, Medical, Molecular, and Critical Area Pathology
Subject of the research project:	Proprotein convertase subtilisin-kexin type 9(PCSK9), proinflammatory cytokines and tissue factor expression in human peripheral blood mononuclear cells
Scientific discipline sector	MED/11 - Cardiovascular diseases
Scientific responsible:	Prof. Roberto Pedrinelli

Code: COFIN2018_13

Department:	Translational Research on New Technologies in Medicine and Surgery
Subject of the research project:	Oligometastatic and Oligorecurrent Prostate Cancer: enhancing patients' selection by new imaging biomarkers
Scientific discipline sector	MED/36 - Diagnostic imaging and radiotherapy
Care activities:	Expected
Scientific responsible:	Prof.ssa Paola Anna Erba

Code: COFIN2018_14

Department:	Translational Research on New Technologies in Medicine and Surgery
Subject of the research project:	Study of molecular predictive factor of activity for Regorafenib and TAS-102 in the treatment personalization of metastatic colorectal cancer
Scientific discipline sector	MED/06 - Medical oncology
Care activities:	Expected
Scientific responsible:	Prof. Alfredo Falcone

Code: COFIN2018_15

Department:	Agriculture, Food and Agro-Environmental Sciences
Subject of the research project:	Set up of protocols for biomonitoring of environmental quality in industrial areas with plant sensors
Scientific discipline sector	AGR/12 - Plant pathology
Scientific responsible:	Prof.ssa Cristina Nali

Code: COFIN2018_16

Department:	Agriculture, Food and Agro-Environmental Sciences
Subject of the research project:	Behavioral ecology and control of arthropod pests of vineyards and olive groves
Scientific discipline sector	AGR/11 - General and applied entomology
Scientific responsible:	Prof. Andrea Lucchi

Code: COFIN2018_17

Department:	Earth Sciences
Subject of the research project:	Dendrochronological and dendroglaciological investigations in the Rhaetian Alps
Scientific discipline sector	GEO/04 - Physical geography and geomorphology
Scientific responsible:	Prof. Carlo Baroni

Code: COFIN2018_18

Department:	Earth Sciences
Subject of the research project:	Development of acoustic and elastic Full Waveform inversion algorithms for application to mono- and multi-component seismic data
Scientific discipline sector	GEO/11 - Applied geophysics
Scientific responsible:	Prof. Alfredo Mazzotti

Code: COFIN2018_19

Centre:	Research Centre "E. Piaggio"
Subject of the research project:	Study and development of sensor fusion systems for autonomous terrestrial vehicles: from traditional techniques to machine-learning based techniques
Scientific discipline sector	ING-INF/04 - Systems and control engineering
Scientific responsible:	Prof.ssa Lucia Pallottino

Code: COFIN2018_20

Centre:	Centre of Agro-Environmental Research "E. Avanzi"
Subject of the research project:	Improvement of chemical and technological properties of sheep milk
Scientific discipline sector	AGR/19 - Animal Science
Scientific responsible:	Prof. Marcello Mele

Name and Surname of the candidate: _____

RESEARCH PROJECT:
(Code _____)

Research project proposed by the candidate

Title of the research project (concerning the Research Project indicated in the Annex A)

Project:

Date_____

Signature_____