



UNIVERSITÀ DI PISA

Excerpt from the Rector's decree n. 20896 - 29/03/2018

Call for the selection of n. 5 Junior Research Fellows

(Under the Italian Law 240/2010 article 24, subparagraph 3, point a)

The University of Pisa announces a call for 5 Junior Fixed-Term Research Fellows for the Departments and the scientific areas or sectors as listed in Annex A.

The fixed-term contract is to carry out research activities, teaching, integrative teaching activities and services for students, for a 350 hours commitment, on a full-time basis.

The Junior Research Fellow is required to perform lectures for 60 hours per academic year, with a 10% variability, allocated as an institutional assignment for Bachelor's and Master's degree programmes, Specialization Schools and PhD programmes. It is possible to provide a further 10% extra derogation, up to a maximum of 72 hours, in order to avoid an excessive partitioning of teaching modules.

Contract duration: 3 years

Gross annual salary: € 34.898,06

Deadline for application: 04/06/2018, 1 p.m.

Admission requirements:

PhD or equivalent academic qualification awarded in Italy or abroad and recognised as eligible for admission.

As for a qualification awarded abroad, equivalency or comparability documentation has to be provided as stated under:

D.Lgs.165/2001, article 38:

http://www.funzionepubblica.gov.it/sites/funzionepubblica.gov.it/files/modulo_equivalenza_Titoli_Accademici.pdf

Or under:

D.P.R. 382/1980, article 74:

http://www.miur.gov.it/documents/20182/0/Equipollenza_Dottorato_ricerca_dpr382.pdf/f5ff98ae-ddff-4166-a822-83ef1b57c7f0

As for an equivalent or comparable academic qualification, the candidate shall be admitted within the application's deadline and shall provide the qualification equivalency or comparability before the signing of the contract.

No admission to this selection for:

- Professors or Research Fellows with permanent position at the university, currently employed or currently retired;
- Fixed-term Research Fellowship or Post PhD research grants at the University of Pisa or other Italian universities, either public, private or online, and other public institutions (Under the Italian Law Italian Law n. 240/2010, articles 22 and 24) for a period that, totalled over this contract, would exceed 12 years altogether, even when not consecutive. As for the duration of the working period mentioned above, parental leave or medical leave, are excluded (under the existing legislation).

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@adm.unipi.it. Applicant's valid identification document shall be annexed.

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

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

Applications shall be completed with the following annexes:

1. A self-attested Curriculum of the personal didactics, teaching and scientific activities, dated and signed; the curriculum must include all the qualifications applicant considers eligible for this selection
2. The Publications applicant considers eligible for this selection;
3. The corresponding list dated and signed;
4. A complete list of all Publications, dated and signed;
5. 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.

Selection procedure:

A Rector's Decree will appoint the Selection Committee, consisting of three members.

The selection will be made according to a preliminary assessment of the candidates with an accurate and evidenced analytic evaluation of the Curriculum, of qualifications and scientific results, including PhD thesis.

After the preliminary assessment, the candidates that have comparatively proven to be the most meritorious, will be admitted to an open interview; they will represent between 10 and 20 % of the total and will be not less than six. The interview will concern applicant's qualifications and scientific results. In the event the number of applicants is six or less, all candidates are admitted. All admitted candidates will be summoned by registered post at least twenty days before the interview; the failed attendance to the interview will be considered as a voluntary renunciation.

During the interview, all candidates will be furthermore tested on the foreign language skills requested by the selection.

The candidates living abroad and therefore unable to attend the interview at the University of Pisa, will be allowed to be interviewed via the web or a conference call, prior applicant's identification by approved international universities or research centres and upon the 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.

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/ricercat/ricercator/index.htm>

(1) If applicable

Selection code A_1

Department of Pharmacy

Admission Examination Sector **05/G1 Pharmacology, clinical pharmacology and pharmacognosy**

Disciplinary Scientific Sector **BIO/14 Pharmacology**

Nr. of position available **1**

Focus of research

the study of pharmacologically active molecules, of natural, synthetic, biosynthetic or biotechnological origin, with particular attention to the description of the pharmacological and toxic-dynamic aspects (both systemic and mechanistic organ), aimed at identifying the possibility of use in the pharmacotherapy of important human diseases

Scientific productivity

Dissemination of the results to the scientific community through publications in peer-reviewed international journals and presentation of the results in national and international meetings

Head office

Department of Pharmacy

Specific didactic activity of the contract

Courses in the field of Pharmacology for training activities of the SSD BIO/14 for the Bachelor and Master's degree courses at the University of Pisa.

Candidates will be required to demonstrate an adequate knowledge of **English language**

Candidates may present a maximum number of **12 scientific publications**

Selection code A_2

Department of Pharmacy

Admission Examination Sector **03/D2 Drug technology, socioeconomics and regulations**

Disciplinary Scientific Sector **CHIM/09 Pharmaceutical and technological applications of chemistry**

Nr. of position available: **1**

Focus of research

The study of conventional and innovative dosage forms of medicines containing active ingredients of natural and synthetic origin and of products with a healthy value

Scientific productivity

Dissemination of the results to the scientific community through publications in peer-reviewed international journals and presentation of the results in national and international meetings

Head office

Department of Pharmacy

Specific didactic activity of the contract

Courses in the field of the SSD CHIM/09 for the Bachelor and Master's degree courses of the University of Pisa

Candidates will be required to demonstrate an adequate knowledge of **English language**

Candidates may present a maximum number of **12 scientific publications**

Selection code A_3

Department of Pharmacy

Admission Examination Sector **03/B1 Principles of chemistry and inorganic systems**

Disciplinary Scientific Sector **CHIM/03 General and inorganic chemistry**

Nr. of position available **1**

Focus of research

Design and development of synthetic methodologies. Structural characterization of: a) compounds belonging to principal and transition groups; b) metal- and bio-inorganic complexes; c) innovative materials. Study of reaction mechanisms at micro- and macroscopic level. Study of catalytic processes and structure-activity relationships by experimental and theoretical strategies

Scientific productivity

Dissemination of the results to the scientific community through publications in peer-reviewed international journals, presentation of the results in national and international meetings

Head office

Department of Pharmacy

Specific didactic activity of the contract

Teaching courses of the Department of Pharmacy and other Departments of the University of Pisa in which the SSD CHIM/03 (disciplinary scientific sector) skills are requested

Candidates will be required to demonstrate an adequate knowledge of **English language**

Candidates may present a maximum number of **12 scientific publications**

Selection code A_4

Department of Pharmacy

Admission Examination Sector **5/E2 Molecular biology**

Disciplinary Scientific Sector **BIO/11 Molecular biology**

Nr. of position available **1**

Focus of research

The study of macromolecules involved in gene expression regulation, proliferation, differentiation and cellular transformations. The research may also include bio-informatic and system biology topics”

Scientific productivity

Dissemination of the results to the scientific community through publications in peer-reviewed international journals and presentation of the results in national and international meetings

Head office

Department of Pharmacy

Specific didactic activity of the contract

Courses in the field of Molecular Biology for training activities of the SSD BIO/11 for the Bachelor and Master's degree courses of the University of Pisa

Candidates will be required to demonstrate an adequate knowledge of **English language**

Candidates may present a maximum number of **12 scientific publications**

Selection code A_5

Department of Physics

Admission Examination Sector **02/A2 Theoretical physics of fundamental interactions**

Nr. of position available **1**

Focus of research

The issues reported in the declaratoria of settore concorsuale 02/A2

Scientific productivity

Publications and contributions to conferences

Head office

Department of Physics

Specific didactic activity of the contract

Basic courses of physics and advanced courses of theoretical physics;

Candidates will be required to demonstrate an adequate knowledge of **English language**

Candidates may present a maximum number of **12 scientific publications**

The presentation of a report on the research activity is recommended