



Excerpt from the Rector's decree n. 377/2021

Call for the selection of 5 Senior Research Fellows

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

The University of Pisa announces a call for 6 Senior Fixed-Term Research Fellows for: **(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 Senior Research Fellow is required to perform lectures for 80 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 96 hours, in order to avoid an excessive partitioning of teaching modules.

Contract duration: 3 years

Gross annual salary: € 42.879,60

Deadline for application: **30/04/2021, 1 p.m.**

Admission requirements:

Medicine Degree

Specialty School Qualification or equivalent and related disciplines further requirements;

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.

Candidates are required to declare what follows:

1. To enjoy the full rights of citizenship in their home State
2. Not to have been convicted or found guilty of any criminal offence; in the event of any conviction, it is mandatory to provide the details of the relevant judgments and any pending criminal proceedings;
3. Not to have been dismissed or dispensed from employment by a Public Administration for persistent unsatisfactory performance; not to have been lapsed from State employment, in compliance with art. 127, first paragraph, point d) of the Consolidation Act of Provisions concerning the State civil servants approved by Presidential Decree no. 3 of 10 January 1957;
4. to be registered on the electoral roll;

Required qualifications:

to have been employed as a Fixed-Term Research Fellow for a three- year period already completed by the application's deadline; (Under the Italian Law 240/2010, article 24, subparagraph 3, point a)

or

to be a researcher, a scholar or a scientist holding the Italian National Certification for Full or Associate Professor (Under the Italian Law 240/2010 article 16);

or

to hold a Medical Specialty School qualification for the relevant medical fields;

or

to have had at least a three-year period of contracts, even when not consecutive and already completed by the application's deadline, performed with:

- research grants (under the Italian Law 449/97, art 51, subparagraph 6 or the Italian Law 240/2010 article 22 or comparable academic contracts abroad)
- post PhD grants (under the Italian Law 398/1989, article 4 or comparable academic contracts abroad)
- contracts concluded in compliance with the Law no. 230 of 4 November 2005, art. 1, paragraph 14.

Please note: the above-mentioned three-year period could aggregate: Fixed-Term Research Fellowship, post PhD research grants and fellowship in foreign Universities (under DM 662/2016).

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).
- Candidates who have relationship, kindred or affinity up to and including the fourth degree to any of the related department professors, or to the University's Rector, General Director and Administration Board members

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.

Please forward to the Rector by the submission deadline any further variation, by the Italian certified e-mail system address (P.E.C. Posta Elettronica Certificata): protocollo@pec.unipi.it or by e-mail address concorsi_ricercatori@unipi.it, (only PDF documents are allowed, dated and signed ; a candidate's valid ID card copy is required in attach).

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

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

In compliance with the provisions adopted following the COVID-19 epidemiological emergency, interviews will take place on virtual mode to ensure the simultaneous connection between the members of the Commission and the candidates, under the regulations on the protection of personal data for confidentiality conservation.

During the interview it will be forbidden the audio / video recording through the IT platforms used as well as the broadcasting of the audio / video recording made with tools other than the platform.

The interview disclosure will be guaranteed inviting all candidates and any third part who has requested, with a link to the event; the link will be published at <https://www.unipi.it/index.php/concorsi-gare-ebandi> in the section "Prove e colloqui in modalità telematica - Aule virtuali" and will allow the connection to the telematic session.

"The list of candidates admitted to the interview will be published on the university website at <https://www.unipi.it/index.php/concorsi-gare-e-bandi> in the section dedicated to the procedure in this call
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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 Clinical and Experimental Medicine

Admission Examination Sector: 06/G1 - Paediatrics and child neuropsychiatry

Disciplinary Scientific Sector: MED/38 - Paediatrics

Nr. of position available: 1

Focus of research:

Scientific research in the field of pathophysiology, functional and instrumental semeiotics, clinical methodology and therapy in the developmental age, with specific expertise in the area of prophylactic and social pediatrics, general and specialist diseases of medical interest from the newborn to the adolescent, and the pediatric aspects of motor activity and community medicine in the pediatric age

Scientific productivity:

Preparation and testing of diagnostic and therapeutic trials in the aforementioned field, preparation and submission of funding applications for research programs, preparation of manuscripts for publication in peer-reviewed journals of high scientific impact.

Head office:

Department of Clinical and Experimental Medicine

Specific didactic activity of the contract

teaching in medical study courses where the discipline is present

Sede di svolgimento dell'attività assistenziale: Azienda Ospedaliero Universitaria Pisana

Titoli di studio richiesti per lo svolgimento dell'attività assistenziale:

Laurea in Medicina e Chirurgia

Specializzazione in Pediatria generale e specialistica o discipline equipollenti e affini

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

Candidates may present a maximum number of 15 scientific publications

Selection code A_2

Department of Surgical, Medical and Molecular Pathology and Critical Care Medicine

Admission Examination Sector: 06/D1 - Cardiovascular and respiratory diseases

Disciplinary Scientific Sector: MED/10 - Respiratory diseases

Nr. of position available: 1

Focus of research:

Scientific and teaching activities, and the clinical activities appropriate to them in the field of diseases of the respiratory system, physiology and respiratory failure, under the epidemiological, etiopathogenetic, pathophysiological and clinical profile. Methodological cornerstones are prevention, diagnosis including instrumental approach, and pharmacological, interventional, sub-intensive and rehabilitative therapy.

Scientific productivity:

To write original papers; to participate, and to develop multi-center research projects

Head office:

Department of Surgical, Medical and Molecular Pathology and Critical Care Medicine

Specific didactic activity of the contract

High degree in Medical School;

- High degree in Rehabilitative Medicine;
- High degree in Sports Science;
- Postgraduate Specialty School in Respiratory Medicine, Emergency Medicine, Thoracic Surgery, Physical
- Rehabilitation Developments of online educational programs.

Sede di svolgimento dell'attività assistenziale: Azienda Ospedaliero Universitaria Pisana

Titoli di studio richiesti per lo svolgimento dell'attività assistenziale:

Laurea in Medicina e Chirurgia

Specializzazione in Malattie dell'Apparato Respiratorio

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

Candidates may present a maximum number of 14 scientific publications

Selection code A_3

Department of Surgical, Medical and Molecular Pathology and Critical Care Medicine

Admission Examination Sector: 06/A4 - Pathology

Disciplinary Scientific Sector: MED/08 - Pathology

Nr. of position available: 1

Focus of research:

The candidate must carry out his / her scientific, didactic-training activities, as well as assistance activities appropriate to them, in the field of pathological anatomy, with specific competence in autopsy, histological, cytological, ultrastructural and molecular diagnostics, with reference also to sectors of specialist pathology organ and apparatus that involve specific anatomo-clinical skills.

Scientific productivity:

Papers on international peer-reviewed journals and presentation in international meetings

Head office:

Department of Surgical, Medical and Molecular Pathology and Critical Care Medicine

Specific didactic activity of the contract

Teachings in pathological anatomy in the courses of the medical area

Sede di svolgimento dell'attività assistenziale: Azienda Ospedaliero Universitaria Pisana

Titoli di studio richiesti per lo svolgimento dell'attività assistenziale:

Laurea in Medicina e Chirurgia

Specializzazione in Anatomia Patologica

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 Translational Research and of New Surgical and Medical Technologies

Admission Examination Sector: 06/I1 - Imaging, radiotherapy and neuroradiology

Disciplinary Scientific Sector: MED/36 - Imaging and radiotherapy

Nr. of position available: 1

Focus of research:

Development of biomarkers, biobanks and artificial intelligence applications in imaging of COVID-19 positive patients

Scientific productivity:

The candidate must be able to propose research projects, demonstrating an ability to coordinate project activity and adequate scientific production, through presentations at conferences and publications in scientific journals of national and international interest

Head office:

Department of Translational Research and of New Surgical and Medical Technologies

Specific didactic activity of the contract

Teaching in diagnostic imaging courses of the scientific / disciplinary sector MED 36 (Diagnostic imaging)

Sede di svolgimento dell'attività assistenziale: Azienda Ospedaliero Universitaria Pisana

Titoli di studio richiesti per lo svolgimento dell'attività assistenziale:

Laurea in Medicina e Chirurgia

Specializzazione in Radiodiagnostica

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

Candidates may present a maximum number of 20 scientific publications

Selection code A_5

Department of Translational Research and of New Surgical and Medical Technologies

Admission Examination Sector: 06/A3 - Microbiology and clinical microbiology

Disciplinary Scientific Sector: MED/07 - Microbiology and clinical microbiology

Nr. of position available: 1

Focus of research:

The research field will be in accordance with the declaration of the disciplinary scientific sector MED/07 which includes experimental and applied scientific research in the field of general microbiology and medical and clinical microbiology. Particular attention will be given to the study of microbial pathogenicity, to the host-parasite interactions in bacterial infections and to the therapeutic monitoring of conventional and non-conventional antimicrobial drugs

Scientific productivity:

Original scientific results published in international journals and presentations at scientific conferences -

Head office:

Department of Translational Research and of New Surgical and Medical Technologies

Specific didactic activity of the contract

Teaching of microbiological disciplines in the degree courses and specialization schools where applicable

Sede di svolgimento dell'attività assistenziale: Azienda Ospedaliero Universitaria Pisana

Titoli di studio richiesti per lo svolgimento dell'attività assistenziale:

Laurea in Medicina e Chirurgia

LM-6 (oppure LS 6/S oppure VO in Scienze biologiche)

LM-7 (oppure LS 7/S oppure VO in Biotecnologie agro-industriali)

LM-8 (oppure LS 8/S oppure VO in Biotecnologie agro-industriali)

LM-9 (oppure LS 9/S oppure VO in Biotecnologie indirizzo biotecnologie farmaceutiche)

LM-13 (oppure LS 14/S oppure VO in Farmacia)

LM-54 (oppure LS 62/S oppure VO in Chimica)

Specializzazione in "Microbiologia e Virologia" o in "Patologia clinica" o in "Patologia Clinica e Biochimica Clinica"

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

Candidates may present a maximum number of 15 scientific publications

Selection code A_6

Department of Translational Research and of New Surgical and Medical Technologies

Admission Examination Sector: 06/E1 - Chirurgia cardio-toraco-vascolare

Disciplinary Scientific Sector: MED/22 - Chirurgia vascolare

Nr. of position available: 1

Focus of research:

The Researcher will carry out her or his research in the scientific-disciplinary sector of vascular surgery. In particular, the Researcher will deal with the topic of ischemic limb rescue, elaborating integrated diagnostic and therapeutic paths, but also evaluating new techniques (already applied in the research group he will join) related to diabetic patients

Scientific productivity:

The scientific production will concern physiopathology, methodology, functional and instrumental semeiotics and therapy of the vascular system and, in particular, the issue of critical ischemia of the lower limbs -

Head office:

Department of Translational Research and of New Surgical and Medical Technologies

Specific didactic activity of the contract

he Researcher will carry out teaching, supplementary teaching and service activities according to the needs of the Department, in the Degree Courses and in the Specialization Schools

Sede di svolgimento dell'attività assistenziale: Azienda Ospedaliero Universitaria Pisana

Titoli di studio richiesti per lo svolgimento dell'attività assistenziale:

Laurea in Medicina e Chirurgia

Specializzazione in Chirurgia Vascolare

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

Candidates may present a maximum number of 20 scientific publications