



UNIVERSITÀ DI PISA

Except from the Rector's decree n. 1425/2022

Call for the selection of n. 19 Junior Research Fellows

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

The University of Pisa announces a call for 19 Junior Fixed-Term Research Fellow for the Department and the scientific area or sector 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 a minimum of 36 up to a maximum of 60 hours per academic year, 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 derogation up to a maximum of 72 hours, in order to avoid an excessive partitioning of teaching modules.

Contract duration: 3 years

Deadline for application: 17/10/2022 1 p.m.

Admission requirements:

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

medical specialization, for the sectors concerned

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](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](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;
2. The Publications applicant considers eligible for this selection with the corresponding list dated and signed;
3. A complete list of all Publications, dated and signed;
4. 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.

Date, time and procedures for qualifications and publications' discussion will be issued on the University website at the following link: <https://bandi.unipi.it/public/Bandi?type=RIC>, on the relevant section of the procedure referred to in this call on **28 October 2022** (providing a 20 days' notice at least).

The notice on the University website will be considered as a notification for the selection candidates, who will have to attend on the day and time indicated without any further communication.

"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"

No personal communication will be sent to candidates; therefore, the selection candidates are required, in any case, to check on the University website at the link above on 28 October 2022 and then during the two days preceding the date set for the interview.

Failing to attend the interview at the date and place set for the selection will be considered an explicit and definitive waiver by the candidates who will therefore be excluded from the selection, whatever the cause of their absence, even if for reasons independent from their will.

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

A1

Department of Physics

Admission Examination Sector 02/D1 - Applied physics, physics teaching and history of physics

SSD FIS/07 – Applied physics

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 1 - Advanced RADIOtherapies and diagnostics in oncology

Focus of research

The issues reported in the DECLARATORIA of the “settore concorsuale” 02/D1, SSD FIS/07

Scientific productivity

Development of methodologies (theoretical and experimental) for the control and detection of physical phenomena in the field of treatment using ionizing radiation and, in particular in FLASH radiotherapy with pulsed electron beams at very high dose rate. Gaining of scientific independence, possibly including the supervision of BSc, MSc, and PhD theses. Research papers in peer-reviewed, international journals. Dissemination of the results of the performed research in national and international conferences. The objectives of scientific production are in the framework of the project ‘Ecosystem of Innovation THE’ of PNRR, spoke 1 ‘Advanced radiotherapies and diagnostics in oncology’ (CUP I53C22000780001)

Head office

Department of Physics

Specific didactic activity of the contract

basic courses of physics and advanced courses of applied 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.

A2

Department of Department of Chemistry and Industrial Chemistry

Admission Examination Sector 03/C1 - Organic Chemistry

SSD CHIM/06 - Organic Chemistry

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 2 - Preventive and Predictive Medicine

Focus of research

The research activity will cover the topics of the SSD CHIM/06 (Organic Chemistry). This activity will be aimed at the development of efficient and selective methods of synthesis of new organic molecules to be used in non-peptidic therapies for the prevention of neurodegenerative diseases

Scientific productivity

Achievement of scientific autonomy, also through the supervision of degree and doctoral theses. International scientific publications and access to competitive research calls. Dissemination of research results through communications at national and international congresses, and in activities aimed at the public and on the web

Head office

Department of Department of Chemistry and Industrial Chemistry

Specific didactic activity of the contract

Laboratory and theoretical courses for characterizing and mandatory training activities of the SSD CHIM06 (Organic Chemistry) for bachelor’s and master’s degree courses of the University of Pisa, compatibly with the minimum and maximum commitments defined by law and by the University Regulations for the role of RTD-A

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

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

A3

Department of Computer Science

Admission Examination Sector 01/B1 - Informatics

SSD INF/01 - Informatics

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 3 - Advanced technologies, methods and materials for human health and well-being. Sub-project 13 “AI-as-a-service for customized diagnostic and rehabilitative processes”

Focus of research

Research activity in the areas relevant to the declaration of SSD INF/01 with particular regard of design, develop, test and validate an AI-as-a-service software platform that integrates IoT/sensor devices and AI/algorithmic tools to democratize the access to person-centric models of healthcare for customized diagnostic, rehabilitation and home-based treatment. This activity will be in line with the sub-project “Artificial intelligence as a service for customized diagnostic and rehabilitation processes” of the Tuscany Health Ecosystem (THE) proposal

Scientific productivity

Publication of the achieved results in international scientific journals and conferences of the sector; dissemination and presentation of results in national and international seminars and congresses

Head office

Department of Computer Science

Specific didactic activity of the contract

The duties of the role include delivering teaching to students of the academic discipline INF/01 – Informatics of the Università di Pisa

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

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

A4

Department of Clinical and Experimental Medicine

Admission Examination Sector 06/N1 - Technology and Methodology in Medicine and Nursing Sciences

SSD MED/48 - Nursing in Neuropsychiatry and Rehabilitation

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 3 - Advanced technologies, methods and materials for human health and well-being. Sub-project 13 “AI-as-a-service for customized diagnostic and rehabilitative processes

Focus of research

The specific research activity will concern the activities of SC 06 / N1 "Sciences of the health professions and applied medical technologies", SSD MED / 48 "Nursing sciences and neuro-psychiatric and rehabilitative techniques" with specific reference to design, development and validation of new technological approaches for motor assessment and rehabilitation, mainly home-based through tele-monitoring and tele-rehabilitation, of the main motor disabilities in developmental age. In particular, the project will concern, children at risk for or with cerebral palsy, including the analysis of the feasibility of the use of technologies. This activity will be in line with the sub-project “Artificial intelligence as a service for customized diagnostic and rehabilitation processes

Scientific productivity

Publication of the achieved results in high ranking scientific journals of the sector; dissemination and presentation of results in national and international seminars and congresses

Head office

Department of Clinical and Experimental Medicine

Specific didactic activity of the contract

Basic courses on the evaluation and rehabilitation of the psychomotor disorders in developmental age

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

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

A5

Department of Information Engineering

Admission Examination Sector 09/G2 - Bioengineering

SSD ING-INF/06 - Electronic and Informatics Bioengineering

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 3 - Advanced technologies, methods and materials for human health and well-being

Focus of research

Research areas covered by the scientific discipline SSD ING-INF/06 (Electronic and Information Bioengineering) with regard to the processing of signals from wearable sensors, non-invasive electrophysiological measurements and bioimaging (EEG and/or fMRI) for the development of models of cerebral connectivity

Scientific productivity

The candidate is expected to make significant advances in topics within the area 09/G2 documented by high quality peer-reviewed publications and participation in national and international research projects

Head office

Department of Information Engineering

Specific didactic activity of the contract

Courses within the area 09/G2 (SSD ING-INF/06)

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

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

Department of Information Engineering

Admission Examination Sector 09/H1 - Information Processing Systems

SSD ING-INF/05 - Information Processing Systems

Nr. of position available: 1

Progetto PNRR Ecosistema dell’Innovazione “Scienza della Vita in Toscana”, CUP I53C22000780001 Spoke 3 - Advanced Technologies, Methods and Materials for Human Health and Wellbeing (Sub-project 7- Public engagement, emotional aspects on art exposure and therapeutical approaches)

Focus of research

Research activity compliant with the scientific disciplinary sector (SSD) declaration, with special reference to the development of methods, possibly based on Artificial Intelligence, for assessing the state of individual well-being from physiological parameters measured by wireless sensors

Scientific productivity

Publication of papers in qualified international journals; participation in international conferences; involvement in national and international research projects

Head office

Department of Information Engineering

Specific didactic activity of the contract

Educational activity in disciplines of the scientific disciplinary sector. Management of educational activities and projects

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

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

Department of Physics

Admission Examination Sector 02/B1 - Experimental Physics of Matter

SSD FIS/03 – Physics of Matter

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 4 - Nanotechnologies for diagnosis and therapy

Focus of research

The issues reported in the DECLARATORIA of the “settore concorsuale 02/B1

Scientific productivity

Development of a multi-modal nanoscopic platform of physical and materials science technologies. Gaining of scientific independence, possibly including the supervision of BSc, MSc, and PhD theses. Research papers in peer-reviewed, international journals. Dissemination of the results of the performed research in national and international conferences. The objectives of scientific production are in the framework of the project ‘Ecosystem of Innovation THE’ of PNRR, spoke 4 ‘Nanotechnologies for diagnosis and therapy’ (CUP I53C22000780001)

Head office

Department of Physics

Specific didactic activity of the contract

basic courses of physics and advanced courses of experimental physics of matter

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

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

Department of Information Engineering

Admission Examination Sector 09/G2 - Bioengineering

SSD ING-INF/06 - Electronic and Informatics Bioengineering

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 4 - Nanotechnologies for diagnosis and therapy

Focus of research

Research activity in the areas relevant to the declaration of SSD ING-INF/06 with particular regard of Development of research activities directed towards the development and characterisation of in vitro models based on micro and nano-structured scaffolds for application to precision medicine

Scientific productivity

The candidate is expected to make significant advances in topics within the area 09/G2 documented by high quality peer-reviewed publications and participation in national and international research projects

Head office

Department of Information Engineering

Specific didactic activity of the contract

Courses within the area 09/G2 (SSD ING-INF/06)

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

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

Department of Chemistry and Industrial Chemistry

Admission Examination Sector 03/B1 - Principles of Chemistry and Inorganic Systems

SSD CHIM/03 - General and Inorganic Chemistry

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 4 - Nanotechnologies for diagnosis and therapy

Focus of research

Research activity in the areas relevant to the declaration of SSD CHIM/03 with particular regard to the field of chemistry of inorganic systems and coordination compounds with particular attention to the development of new systems even nanostructured for diagnostic and therapeutic applications

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 conferences

Head office

Department of Chemistry and Industrial Chemistry

Specific didactic activity of the contract

Teaching courses within the Department of Chemistry and Industrial Chemistry, and other Departments of the University of Pisa wherein the SSD CHIM/03 expertise is required

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

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

A10

Department of Computer Science

Admission Examination Sector 01/B1 - Informatics

SSD INF/01 - Informatics

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 6 - Precision Medicine & Personalized Healthcare

Focus of research

Research activity in the areas relevant to the declaration of SSD INF/01 with particular regard to development of combinatorial methods for the compression, the analysis, the correction of sequencing errors, and for variant calling, in genomic data

Scientific productivity

New combinatorial methods and tools, and their dissemination in conferences proceedings and international scientific journals

Head office

Department of Computer Science

Specific didactic activity of the contract

Teaching activity within the INF/01 “informatics” scientific field according to local and national regulations and to the needs of undergraduate and master programs 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

A11

Department of Information Engineering

Admission Examination Sector 09/H1 - Information Processing Systems

SSD ING-INF/05 - Information Processing Systems

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 6 - Precision Medicine & Personalized Healthcare

Focus of research

Research activity compliant with the declaration of the scientific disciplinary sector (SSD) of this call, with special reference to methods, possibly based on Artificial Intelligence, for the analysis of biomedical, genetic, and bioinformatics data of potential clinical-diagnostic relevance for precision medicine

Scientific productivity

Publication of papers in qualified international journals; participation in international conferences; involvement in national and international research projects

Head office

Department of Information Engineering

Specific didactic activity of the contract

Educational activity in disciplines of the scientific disciplinary sector. Management of educational activities and projects

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

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

A12

Department of Translational Research and of New Surgical and Medical Technologies

Admission Examination Sector 06/A2 - Experimental Medicine, Pathophysiology and Clinical Pathology

SSD MED/04 - Experimental Medicine and Pathophysiology

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 6 - Precision Medicine & Personalized Healthcare

Focus of research

Research activity compliant with the declaration of ssd MED/04, with special reference in the field of molecular medicine and cellular pathology with special regard to oncology and precision medicine, including the use of digital image analysis

Scientific productivity

Publication of the achieved results in high ranking scientific journals of the sector; dissemination and presentation of results in national and international seminars and congresses

Head office

Department of Translational Research and of New Surgical and Medical Technologies

Specific didactic activity of the contract

Teaching of courses in Laurea triennale e Scuole di Specializzazione Area Medica

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

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

A13

Department of Translational Research and of New Surgical and Medical Technologies

Admission Examination Sector 06/A3 - Microbiology and Clinical Microbiology

SSD MED/07 - Microbiology and Clinical Microbiology

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 7 - Innovating Translational Medicine

Focus of research

The research activity will be in accordance with the declaration of SSD MED / 07 which includes experimental and applied scientific research in the field of general microbiology and medical and clinical microbiology, the study of the cellular and molecular basis of microbial pathogenicity, of host-pathogen interaction and biotechnologies in the microbiological field and their application in molecular diagnostics. In particular the research activity will be addressed to the identification of new strategies to tackle multi-drug-resistant infections

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 courses of the medical area

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

Candidates may present a maximum number of **15** scientific publications

A14

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

Admission Examination Sector 11/E1 – General Psychology, Psychobiology and Psychometrics

SSD M-PSI/02 – Psychobiology and Physiological Psychology

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 9 - Robotics and Automation for Health

Focus of research

The scientific activity will be carried out within scientific disciplinary field M-PSI/02 "Psychobiology and Physiological Psychology."

The scientific field is related to scientific and didactic-training activities concerning the study of the biological, physiological and neuropsychological foundations and correlates of behavior and psychological functions both in humans and animal models, including motor and sport activities, as well as the scientific-disciplinary competencies concerning the relationships between neural structures and mental activity. It includes the scientific-disciplinary skills related to the methods and techniques of psychological, psychobiological and neuropsychological research, natural and artificial cognitive systems and their interactions. In line with the project in particular, the activity may focus on the psychological and psychophysiological correlates of procedural tasks performed in mediated environments, such as human-machine interfaces and those peculiar to robotic surgery, and the learning mechanisms associated with them

Scientific productivity

Scientific publications on field-specific peer-reviewed journals, lectures at national and international conferences, educational seminars, and training courses

Head office

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

Specific didactic activity of the contract

University courses related to General Psychology, Psychobiology and Psychometry

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

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

A15

Department of Information Engineering

Admission Examination Sector 09/G1 - Systems and Control Engineering

SSD ING-INF/04 – Systems and Control Engineering

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 9 - Robotics and Automation for Health

Focus of research

Research activity in the topics relevant to area 09/G1, ssd ING-INF/04 “Automatica”, with emphasis on motion planning and control of mobile robotic platforms

Scientific productivity

The candidate is expected to make significant advances in topics within the area 09/G1 documented by high quality peer-reviewed publications and participation in national and international research projects

Head office

Department of Information Engineering

Specific didactic activity of the contract

Courses within the area 09/G1 (SSD ING-INF/04)

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

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

A16

Department of Information Engineering

Admission Examination Sector 09/G2 – Bioengineering

SSD ING-INF/06 - Electronic and Informatics Bioengineering

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 9 - Robotics and Automation for Health – Position 1

Focus of research

Research activity in the topics relevant to area 09/G1, ssd ING-INF/6. Development of methods for the fabrication of patient specific phantoms using biomimetic materials for surgical training and applications in areas covered by the scientific discipline ING-INF/06- Electronics and Information Bioengineering

Scientific productivity

The candidate is expected to make significant advances in topics within the area 09/G2 documented by high quality peer-reviewed publications and participation in national and international research projects

Head office

Department of Information Engineering

Specific didactic activity of the contract

Courses within the area 09/G2 (SSD ING-INF/06)

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

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

A17

Department of Information Engineering

Admission Examination Sector 09/G2 - Bioengineering

SSD ING-INF/06 - Electronic and Informatics Bioengineering

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 9 - Robotics and Automation for Health – Position 2

Focus of research

Research activity in the topics relevant to area 09/G1, ssd ING-INF/6. Development of methods for the fabrication of patient specific phantoms using biomimetic materials for surgical training and applications in areas covered by the scientific discipline ING-INF/06- Electronics and Information Bioengineering

Scientific productivity

The candidate is expected to make significant advances in topics within the area 09/G2 documented by high quality peer-reviewed publications and participation in national and international research projects

Head office

Department of Information Engineering

Specific didactic activity of the contract

Courses within the area 09/G2 (SSD ING-INF/06)

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

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

A18

Department of Law

Admission Examination Sector 12/A1 - Private Law

Ssd IUS/01 - Private Law

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 10 - Population health - Implementation from prototype to large-scale experimentation: social, validation processes on population and in the health system

Focus of research

Research activity in the topics relevant to area ssd IUS/01. Research activity related to private law as regulated by national, EU, international legal sources and resulting from the social and economic developments. It concerns personality rights, family law, property rights, transfer of rights, tort law, patrimonial and non patrimonial civil law, IT law, bioethics

Scientific productivity

They consist in fulfilling the 4 milestones of the project (survey, definition of target groups, questionnaire; legal toolbox; Proof of concept of social and health services; Impact Analysis Study. ELSI guidelines. Policy brief Analysis) related to the private law measures functional to protect the physical and psychological health of patients affected by chronic diseases and enhance their autonomy. Publication of one book or at least 3 papers in legal journals of class “A” or international legal journals related to the scientific field “Private law”

Head office

Department of Law

Specific didactic activity of the contract

Classes included in the scientific fields IUS/01 (Private Law)

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

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

A19

Department of Veterinary Sciences

Admission Examination Sector 07/A1 – Agricultural Economics and Appraisal

SSD AGR/01 – Agricultural Economics and Rural Appraisal

Nr. of position available: 1

Progetto PNRR “Tuscany Health Ecosystem” (THE) (Ecosistemi dell’Innovazione) - Spoke 10 - Population health - Management of ageing population, chronic diseases, comorbidities, frailty, polypharmacy

Focus of research

Research activity in the topics relevant to area ssd AGR/01. The research activity will develop an approach to the management less powered peoples, approach cost-effective, economically and socially sustainable, respectful of fundamental rights.

This research activity will create a:

- a network of stakeholders, including researchers, healthcare professionals, patients organizations, policy makers, which will be used as a forum for discussing the ethical, legal, social and economic issues of the management of less powered people. This network will become a contact point for expertise and future research, and a hub to inform society on the relevance of an integrated approach;
- design of new training programs for medical personnel (physicians, nurses), other professionals (psychologists, social workers) and associations/social cooperatives;
- creation of active paths of social inclusion, promoting participation in community life and promoting social justice

Scientific productivity

The scientific productivity objectives will be: at least two articles/year in international journals on topics relevant to the research activity; participation in national conferences and congresses e international with communications relevant to the research project

Head office

Department of Veterinary Sciences

Specific didactic activity of the contract

Didactic activity in AGR/01 courses inside the Department of Veterinary Science

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

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