



UNIVERSITÀ DEGLI STUDI DI MILANO

COMPETITION FOR 39 POST-DOC TYPE A TWO YEARS FELLOWSHIPS, FOR A COLLABORATION TO RESEARCH ACTIVITIES

THE RECTOR

ORDAINS

Art. 1 This University has launched a competition by qualifications and interview to award 39 two years fellowships, possibly renewable, for a collaboration to research activities restricted to doctorate graduates or graduated holding a diploma in the specialty health area.

The 39 fellowships are divided among the following departments of the University:

DEPARTMENTS	Fellowships
Dipartimento di Beni Culturali e Ambientali	2
Dipartimento di Bioscienze	3
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	2
Dipartimento di Chimica	1
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1
Dipartimento di Filosofia Piero Martinetti	2
Dipartimento di Fisica Aldo Pontremoli	2
Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti	2
Dipartimento di Informatica Giovanni Degli Antoni	4
Dipartimento di Matematica Federigo Enriques	1
Dipartimento di Medicina Veterinaria	1
Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia	1
Dipartimento di Scienze Biomediche e Cliniche L. Sacco	1
Dipartimento di Scienze Biomediche per la Salute	2
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	2
Dipartimento di Scienze Cliniche e di Comunità	1
Dipartimento di Scienze della Salute	1
Dipartimento di Scienze della Terra Ardito Desio	3
Dipartimento di Scienze e Politiche Ambientali	1
Dipartimento di Scienze Farmaceutiche	2
Dipartimento di Scienze Giuridiche Cesare Beccaria	1
Dipartimento di Scienze Sociali e Politiche	1
Dipartimento di Studi Internazionali, Giuridici e Storico-Politici	2



Art. 2 -REQUIREMENTS AND INCOMPATIBILITIES

All those who have earned a PhD or equivalent degree earned abroad and, for the areas concerned, graduated holding a diploma in the specialty health area can participate in the competition; in both cases candidates must have a proper scientific-professional curriculum to carry out research activity. Both degrees must be earned within the date of the stipulation of the individual contract.

Candidates holding degrees earned abroad must apply on-line and enclose with the application form the degrees translated into Italian or into English with the marks of each examination and of the PhD/specialization degree, together with the declaration of conformity to the original of the translation itself.

Art. 3 - APPLICATION FORM AND DEADLINE

The candidates must fill in the application form available on-line at

<https://air.unimi.it/rm/public/postDocFellowship.htm>

The application form must be peremptorily completed and validated till **december 17TH 2021 at noon (Italian time)**, otherwise it is inadmissible. The candidate will have to save the PDF file generated by the system, sign and upload it on the procedure after it is scanned, following the instructions in the procedure.

In application to transparency obligations, the list of candidates with their curriculum vitae and the result of each selection will be published in the web site <https://www.unimi.it/it/ricerca/fare-ricerca-da-noi/assegni-di-ricerca>

Art. 4 - ASSESSMENT

Application forms will be assessed by one sub commission for each subject.

For the assessment of the candidates the sub commission can use a hundred points, 65 for the qualifications, the scientific-professional curriculum and the research project and the other 35 for the interview. Within such limits the Commissione di Garanzia proceeds first to divide the total points among the assessable items.

The evaluation criteria for qualifications and scientific-professional curriculum are the following:

- curriculum vitae et studiorum;
- attendance of master degree;
- specialization degrees;
- attendance of post-graduate courses;
- PhD thesis
- research activity in Italy;
- research activity abroad;
- *fellowships*, scientific-professional contracts and appointments;
- participation in scientific congresses ;
- 6 publications maximum in PDF format (scientific publications in qualified reviews;-monographic publications and chapters in books) with explanation, for each publication, of the rationale behind the choice.;
- patents;
- identity card scanned;



- other qualifications;

Evaluation criteria for research projects are the following:

- relevance of the project to the subject suggested by the Department;
- originality and feasibility of the research suggested, updating of the project, appropriate bibliographic reference;

The assessment of qualifications and of the research project takes place before the interviews and the results of assessments will be let known, for each subject, by publication in the web site: <https://www.unimi.it/it/ricerca/fare-ricerca-da-noi/assegni-di-ricerca>. The date and place of the interviews will be communicated to the candidates at least 15 days in advance, by publication in the web site mentioned above with reference to the subject concerned.

Candidates who earn more than 32,5 points in the qualifications and in the project are admitted to the interview.

The interview aims to assess the contents of the project proposed by the candidate and scientific competences developed. The sub commission can use up to 35 points and the interview is overcome if the candidate earns more than 17,5 points. Candidates admitted to the interview, resident abroad, can do a telematics interview by means of procedures that guarantee their identification.

In case of equal result in the same subject, the fellowship will be awarded to the youngest candidate.

Art. 5 - FELLOWSHIP AWARDING

The Administration will communicate, by registered letter at the address in the application form, the awarding of the fellowship to the winners.

Within 10 days after receiving the communication, the winner must send to the Rector the acceptance declaration required by the Administration, otherwise he/she will lose the post; afterwards he/she will be called to stipulate a contract-

Within ten days of the receipt of the notification, the person concerned will be required to make the declarations of acceptance accepted by the Administration, and will subsequently be required to enter into a contract pursuant to art. 7 of the Rules

The fellowship cannot be added to grants or other types of aid, except for those established for integration of stays abroad, neither with other contracts of collaboration nor with income coming from freelance activities performed with continuity. Extra-university activities as speaker in seminars, conferences or publishing activities and a limited activity of self-employed work are compatible with the fellowship, in agreement with the scientist-in-charge. Self-employed work cannot exceed the income limits equal to a gross yearly amount of 15.000 Euros, with exclusion of remuneration coming from copyright.

Art. 6 - REMUNERATION



The yearly gross amount of the fellowship is of 21.000,00 Euro. The amount includes expenses for industrial accident insurance and public liability insurance. The winners permanently resident abroad who have a Phd/specialization in medical area earned abroad, have the right to a monthly gross amount of 600 Euro for the whole period of the contract. The amount is paid in monthly postponed instalments.

Art. 7 - ACCEPTANCE AND SIGNING OF THE CONTRACT

Declarations and certifications of acceptance must be sent by registered letter with reply coupon attached within ten days (the stamp and date of the post office will be considered) since the communication by the Rector or sent to the address unimi@postecert.it or brought directly to the appropriate office.

The winners will be called to stipulate the contract of collaboration to research activity, which will start from the first day of the month following the signature, except justified request of exception by the candidate in agreement with the Scientist-in-charge and anyway for not more than 90 days.

For non-EC subjects the fellowship will start after obtaining the visa for scientific research and the actual beginning of the research activity.

Art. 8 - LOSS OF THE RIGHT TO THE FELLOWSHIP AND CANCELLATION OF THE CONTRACT

If the contract is not signed within the deadline established or if the candidate does not achieve the PhD/specialty health area within the stipulation date of the individual contract the winner will lose every right to the fellowship.

Art. 9 - REFERENCE

For what is not established by this competition notice please refer to Italian version of this call.

Art. 10 - PERSONAL INFORMATION

University will commit itself to respect all confidential information provided by the candidate: "all information provided will be handled only for aims connected to the selection and to the stipulation and management of relationship with University".

Art. 11 - COMPETITION MANAGEMENT

The Head of Office in charge of the competition is Anna Tavano Direzione Trattamenti Economici e Lavoro Autonomo- Via S. Antonio n. 12, Milano. (email: assegni.postdoc@unimi.it)

REG 5132/21 on november 16th 2021

IL RETTORE
F.to Elio Franzini



Departments	Fellowships	Coordinators	Research lines
Dipartimento di Beni Culturali e Ambientali	1	AGOSTI GIOVANNI, BIGNAMI SILVIA GRAZIELLA	The Campi in XVIth Century Milan
Dipartimento di Beni Culturali e Ambientali	1	LAMBRUGO CLAUDIA, SLAVAZZI FABRIZIO	Sculpture - architecture: exhibition spaces and sculptural programs in Greek and Roman public and private buildings
Dipartimento di Bioscienze	3	BERTONI GIOVANNI, PETRONI KATIA, GREGIS VERONICA, MANTOVANI ROBERTO, GOURLAY LOUISE JANE	Innovative approaches to the study of biological mechanisms
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	1	BATTAGLIOLI ELENA, PISTOCCHI ANNA SILVIA, RIVA PAOLA VANDA	Identification and functional study of genes and genetic mechanism involved in human pathologies
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	1	MAVILIO DOMENICO, BIFARI FRANCESCO	Immune-pathogenesis and Regenerative Medicine
Dipartimento di Chimica	1	BRUNI SILVIA, MUSSINI PATRIZIA ROMANA, PIFFERI VALENTINA	Development of non-invasive methods of chemical analysis for the identification of natural and synthetic colorants in cultural heritage artefacts
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1	BIONDI FRANCESCA, ARCONZO GIUSEPPE	Democracy and new technologies: challenges and perspectives
Dipartimento di Filosofia Piero Martinetti	1	CAPPELLETTO CHIARA, GUICCIARDINI CORSI SALVIATI NICCOLO'	The Agency of the Image: Techniques of Visualization and Processes of Subjectification
Dipartimento di Filosofia Piero Martinetti	1	FOLGIERI RAFFAELLA, LUCCHIARI CLAUDIO	Deep-learning models for the study of knowledge development in the extended mind perspective



Dipartimento di Fisica Aldo Pontremoli	1	GROPPI GARLANDINI FLAVIA MARIA LENARDI CRISTINA VERONESE IVAN	HSARN - High Specific Activity RadioNuclides production for medical teranostic applications
Dipartimento di Fisica Aldo Pontremoli	1	PODESTA' ALESSANDRO, ROME' MASSIMILIANO, BALETTI FRANCESCA	Experimental and theoretical Physics of Matter
Dipartimento di Fisiopatologia Medico- Chirurgica e dei Trapianti	1	RONCHI DARIO, CORTI STEFANIA PAOLA	2D and 3D human stem cell model to study molecular pathogenic mechanisms and new therapeutic approaches for neurodegenerative diseases
Dipartimento di Fisiopatologia Medico- Chirurgica e dei Trapianti	1	TABANO SILVIA MARIA, GIANELLI UMBERTO	Genetic and epigenetic characterization of myeloproliferative neoplasms.
Dipartimento di Informatica Giovanni Degli Antoni	4	CASTANO SILVANA, CESA BIANCHI NICOLO' ANTONIO, AVANZINI FEDERICO, CESELLI ALBERTO, VALENTINI GIORGIO	Advanced methods and technologies in Computer Science
Dipartimento di Matematica Federigo Enriques	1	SEVESO MARCO ADAMO, BINDA FEDERICO	Motives, regulators and arithmetic geometry
Dipartimento di Medicina Veterinaria	1	LECCHI CRISTINA, ROCCABIANCA PAOLA	Morphological and molecular study for the identification of diagnostic, prognostic and therapeutic targets in veterinary oncology
Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia	1	BEGHI ROBERTO, GUIDETTI RICCARDO, PESSINA DOMENICO, SCAGLIA BARBARA, SENES GIULIO	Agriculture and environment: challenges and perspectives
Dipartimento di Scienze Biomediche e Cliniche L. Sacco	1	VEGGIOTTI PIERANGELO, BEN NASR MOUFIDA	Hematopoietic stem cell gene therapy in Glut-1 deficiency syndrome
Dipartimento di Scienze Biomediche per la Salute	1	SCONFIENZA LUCA MARIA, SECCHI FRANCESCO	Artificial intelligence applications in musculoskeletal imaging



Dipartimento di Scienze Biomediche per la Salute	1	ROVEDA ELIANA, CE' EMILIANO	Effect of thermal therapies on circadian rhythms, sleep quality and neuromuscular function
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	1	NEGRINI STEFANO, DEL FABBRO MASSIMO	Implementation of instrument to improve the quality of evidence production in Physical and Rehabilitation Medicine with Cochrane Rehabilitation
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	1	FRANCETTI LUCA ANGELO, TASCHIERI SILVIO LUIGI MARIA	Mini-invasive or flapless approach for the treatment of self-contained infrabony defects with enamel matrix derivative (EMD)
Dipartimento di Scienze Cliniche e di Comunità	1	AGOSTONI PIERGIUSEPPE, MONTORSI PIERO	Functional assessment of heart failure: cardiopulmonary variables and prognostic stratification in today's patient
Dipartimento di Scienze della Salute	1	CHIARAMONTE RAFFAELLA, CENTANNI STEFANO, CHIUMELLO DAVIDE ALBERTO, DERENZINI ENRICO, FALLENI MONICA, PODDA GIANMARCO, GERVASINI CRISTINA COSTANZA GIOVANNA, BARASSI ALESSANDRA, DEL SOLE ANGELO SILVESTRO, PASINI DIEGO, BAISI ALESSANDRO, ROCCO BERNARDO MARIA CESARE	Extracellular vesicles, new players of intercellular communication in tissue damage and disease
Dipartimento di Scienze della Terra Ardito Desio	1	TUMIATI SIMONE, FUMAGALLI PATRIZIA, BORGHINI GIULIO	Graphitization and devolatilization of ocean phytoplankton in subduction zones: a multi-disciplinary experimental approach



Dipartimento di Scienze della Terra Ardito Desio	1	ERBA ELISABETTA, TIEPOLO MASSIMO	Inorganic geochemistry characterization of environmental consequences of Mesozoic large igneous provinces
Dipartimento di Scienze della Terra Ardito Desio	1	FARINA FEDERICO, ZUCALI MICHELE, FORNI FRANCESCA	Partial melting and melt migration in the crust: a geochemical and structural approach to intra-crustal differentiation
Dipartimento di Scienze e Politiche Ambientali	1	PAROLINI MARCO, CALONI FRANCESCA	Development of an integrated approach to assess the toxicity of micro(nano)plastics from weathering of plastics
Dipartimento di Scienze Farmaceutiche	1	PALLAVICINI MARCO, BOLCHI CRISTIANO	Functionally selective ligands of alpha9alpha10 and alpha7 neuronal nicotinic receptors: development, characterization and therapeutic potential
Dipartimento di Scienze Farmaceutiche	1	VEGETO ELISABETTA, ROVATI GIANENRICO	Study of novel molecular and pharmacological targets in inflammatory pathologies
Dipartimento di Scienze Giuridiche Cesare Beccaria	1	BASILE FABIO, GATTA GIAN LUIGI	The special negative prevention in the panorama of the functions of punishment: reality and perspectives
Dipartimento di Scienze Sociali e Politiche	1	BARISIONE MAURO, MOSCA LORENZO	Social media, politics, and collective identities
Dipartimento di Studi Internazionali, Giuridici e Storico-Politici	1	LANNI SABRINA, CANEPA ALLEGRA	Consumer Law and Environmental Sustainability in the Perspective of Comparative Law
Dipartimento di Studi Internazionali, Giuridici e Storico-Politici	1	VILLATA FRANCESCA CLARA, COLOMBO ALESSANDRO	The External Dimension of Member States' Jurisdiction on Civil and Commercial Matters between Access to Justice and Relations with non-EU States