



# UNIVERSITÀ DEGLI STUDI DI MILANO

## COMPETITION FOR 32 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 32 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 32 fellowships are divided among the following departments of the University:

DEPARTMENT	FELLOWSHIPS
Dipartimento di Beni Culturali e Ambientali	1
Dipartimento di Chimica	2
Dipartimento di Diritto Privato e Storia del Diritto	1
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1
Dipartimento di Fisica "Aldo Pontremoli"	2
Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti	1
Dipartimento di Matematica "Federigo Enriques"	2
Dipartimento di Medicina Veterinaria	2
Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia	2
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	1
Dipartimento di Scienze della Mediazione Linguistica e di Studi Interculturali	1
Dipartimento di Scienze della Salute	2
Dipartimento di Scienze della Terra "Ardito Desio"	2
Dipartimento di Scienze Farmacologiche e Biomolecolari	1
Dipartimento di Scienze Giuridiche "Cesare Beccaria"	2
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	2
Dipartimento di Scienze Sociali e Politiche	2
Dipartimento di Studi Letterari, Filologici e Linguistici	3



#### **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 **JUNE 30<sup>TH</sup> at noon**, 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;



- research activity in Italy;
- research activity abroad;
- *fellowships*, scientific-professional contracts and appointments;
- participation in scientific congresses ;
- scientific publications in qualified reviews;
- monographic publications and chapters in books;
- 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



# UNIVERSITÀ DEGLI STUDI DI MILANO

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](mailto: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



# UNIVERSITÀ DEGLI STUDI DI MILANO

and management of relationship with University”.

## **Art. 11 - COMPETITION MANAGEMENT**

The Head of Office in charge of the competition is Anna Tavano Direzione Risorse Umane - Via S. Antonio n. 12, Milano. (email: [assegni.postdoc@unimi.it](mailto:assegni.postdoc@unimi.it))

REG. n. 2106 on may 29th 2020

IL RETTORE  
F.to Elio Franzini



Departments	Fellowships	Coordinators	Research lines
Dipartimento di Beni Culturali e Ambientali	1	SCALDAFERRI, NICOLA, SALA, EMILIO	Sound, text, (re)mediation in the study of musical performances
Dipartimento di Chimica	1	LICANDRO, EMANUELA, GENNARI, CESARE MARIO ARTURO, BERNARDI, ANNA, BELVISI, LAURA, SILVANI, ALESSANDRA, CAUTERUCCIO, SILVIA, SATTIN, SARA, ROSSI, SERGIO, RAIMONDI, LAURA MARIA, BENAGLIA, MAURIZIO, PASSARELLA, DANIELE	Recent advances in organic and biorganic chemistry
Dipartimento di Chimica	1	CASELLI, ALESSANDRO, RIZZATO, SILVIA, COLOMBO, VALENTINA, GALLO, EMMA, CARLUCCI, LUCIA	Computational and experimental investigation for materials development and characterization for pharmaceutical and environmental applications
Dipartimento di Diritto Privato e Storia del Diritto	1	DELFINI, FRANCESCO, DALMARTELLO, ANDREA	The judicial control on standard terms in contracts between professionals
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1	D'AMICO, MARIA ELISA, PELLIZZONE, IRENE	The manipulation of the effects of constitutional judgements: foreigners experiences and models
Dipartimento di Fisica Aldo Pontremoli	1	PARIS, MATTEO, POTENZA, MARCO ALBERTO CARLO, PAROLI, BRUNO, GENONI, MARCO GIOVANNI, TAMASCELLI, DARIO, PETRILLO, VITTORIA MATILDE PIA ), GUERRA, ROBERTO, MANINI, NICOLA	Physics of matter: wavefront diagnostics, multiparameter quantum sensing, nano-friction and nanofluidics
Dipartimento di Fisica Aldo Pontremoli	1	LIBERALI, VALENTINO, NERI, NICOLA, LAZZARONI, MASSIMO	Integrated optoelectronic circuits for digital transmission over optical fibers and for generation of entangled photons for quantum cryptography
Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti	1	CLERICI, MARIO SALVATORE, GORI, ANDREA	Role of the inflammasome in sars-cov-2 infection
Dipartimento di Matematica Federigo Enriques	1	MONTOLI, ANDREA, GHILARDI, SILVIO	Higher crossed structures in semi-abelian categories
Dipartimento di Matematica Federigo Enriques	1	BAMBUSI, DARIO PAOLO, MONTALTO, RICCARDO	Qualitative theory of systems with infinitely many degrees of Freedom - Hamiltonian PDEs – Einstein Equations
Dipartimento di Medicina Veterinaria	1	CEROLINI, SILVIA, ZANIBONI, LUISA	New knowledge, tools and guidelines for conservation of biodiversity in poultry species
Dipartimento di Medicina Veterinaria	1	VIGO, DANIELE, BRONZO, VALERIO	Calves Neonatal Physiology and Adaptation



# UNIVERSITÀ DEGLI STUDI DI MILANO

Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia	2	BAVA, LUCIANA, BRANCADORO, LUCIO, DE LORENZIS, GABRIELLA, CONSONNI, GABRIELLA, MASSERONI, DANIELE, OBERTI, ROBERTO, SACCHI, GIAN ATTILIO, PESSINA, DOMENICO, PROVOLO, GIORGIO MARIO, QUAGLINO, FABIO, BIANCO, PIERO ATTILIO	Agriculture and environment: challenges and perspectives
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	1	BRINI, ANNA TERESA, RASPERINI, GIULIO	Secretome of Adipose-derived Stem/stromal Cells (ASC) as an anti-inflammatory cocktail for future clinical applications
Dipartimento di Scienze della Mediazione Linguistica e di Studi Interculturali	1	COTTA RAMUSINO, PAOLA MARIA, GOLETIANI, LIANA	Learner Corpus Research and second language acquisition (Russian L2)
Dipartimento di Scienze della Salute	1	BOTTAI, DANIELE, PARONI, RITA CLARA, SIGNORELLI, PAOLA	Neurological pathologies: innovative approaches
Dipartimento di Scienze della Salute	1	LESMA, ELENA ANNA, CHIARAMONTE, RAFFAELLA, CENTANNI, STEFANO, FALLENI, MONICA, BARASSI, ALESSANDRA	Mechanisms of cellular senescence in tumor microenvironment
Dipartimento di Scienze della Terra Ardito Desio	1	GIUDICI, MAURO, BERSEZIO, RICCARDO, COMUNIAN, ALESSANDRO, FELLETTI, FABRIZIO	(3+1)-D models of hydrostratigraphic heterogeneity in Quaternary hydrogeological basins: an approach integrating geology, geophysics & geomathematics
Dipartimento di Scienze della Terra Ardito Desio	1	ZERBONI, ANDREA, BOLLATI, IRENE MARIA	Geomorphological response of proglacial environments to on-going climatic change: multiscale and multisite approach
Dipartimento di Scienze Farmacologiche e Biomolecolari	1	DELL'AGLI, MARIO, DE FABIANI, EMMA SELINA ROSA, POLISSI, ALESSANDRA	Unveiling the activities of natural products on the interaction between H. pylori and the human gastric epithelium.
Dipartimento di Scienze Giuridiche Cesare Beccaria	1	GALANTINI, MARIA NOVELLA, CAMALDO, LUCIO BRUNO CRISTIANO	Procedural aspects of preventive measures: principles, interferences with criminal trial, perspectives
Dipartimento di Scienze Giuridiche Cesare Beccaria	1	RAGUCCI, GAETANO, ALBERTINI, FRANCESCO VINCENZO	Taxation power beyond the State: compliance, controls, enforcement proceedings in cooperation between fiscal administrations
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	1	GUGLIELMETTI, SIMONE DOMENICO, MORA, DIEGO	Data science in the study of food-microbiome-host interactions
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	1	PAGLIARINI, ANTONELLA, BERTOLI, SIMONA	Sensory science and obesity: innovative approaches to study weight gaining and dysfunctional eating behaviours



# UNIVERSITÀ DEGLI STUDI DI MILANO

Dipartimento di Scienze Sociali e Politiche	1	BIOLCATI RINALDI, FERRUCCIO, BARISIONE, MAURO, VEZZONI, CRISTIANO, SQUAZZONI, FLAMINIO	Analysing the social consequences of Covid-19
Dipartimento di Scienze Sociali e Politiche	1	PEDERSINI, ROBERTO, DORIGATTI, LISA	Entrepreneurship and innovation in Italian local production systems
Dipartimento di Studi Letterari, Filologici e Linguistici	1	MORETTI, PAOLA FRANCESCA, MERLI, ELENA	Writing Politics and Morals in Late Republican and Imperial Rome: a Literary Lexicon
Dipartimento di Studi Letterari, Filologici e Linguistici	1	DANZI, LUCA ANTONIO MARIA, BALDASSARI, GABRIELE	The evolution of Neoclassical poetry in Italy from Parini to the Napoleonic era.
Dipartimento di Studi Letterari, Filologici e Linguistici	1	CAVAGNA, ALESSANDRO, FARAGUNA, MICHELE	Mass Production Economy in the Hellenistic and Roman Greece
Dipartimento di Studi Storici	1	SARESELLA, DANIELA, LAMI, GIULIA MARIA ISABELLA	Italy and Germany in the post-war period: movements, political parties and political culture
Dipartimento di Studi Storici	1	CIVALE, GIANCLAUDIO, DATTERO, ALESSANDRA	Forms, Practices and Languages of Intercultural Diplomacy in the Early Modern Age