



UNIVERSITÀ DEGLI STUDI DI MILANO

COMPETITION FOR 64 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 64 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 64 fellowships are divided among the following departments of the University:

Dipartimento	Numero assegni
Dipartimento di Bioscienze	4
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	2
Dipartimento di Chimica	5
Dipartimento di Diritto Privato e Storia del Diritto	4
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	2
Dipartimento di Economia, Management e Metodi Quantitativi	5
Dipartimento di Filosofia Piero Martinetti	1
Dipartimento di Fisica Aldo Pontremoli	3
Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti	1
Dipartimento di Informatica Giovanni Degli Antoni	1
Dipartimento di Lingue, Letterature, Culture e Mediazioni	2
Dipartimento di Matematica Federigo Enriques	3
Dipartimento di Medicina Veterinaria e Scienze Animali	4
Dipartimento di Oncologia ed Emato-Oncologia	2
Dipartimento di Scienze Biomediche e Cliniche	2
Dipartimento di Scienze Biomediche per la Salute	1
Dipartimento di Scienze Cliniche e di Comunità	1
Dipartimento di Scienze della Salute	2
Dipartimento di Scienze della Terra Ardito Desio	1
Dipartimento di Scienze e Politiche Ambientali	1
Dipartimento di Scienze Farmaceutiche	2
Dipartimento di Scienze Farmacologiche e Biomolecolari	1



Dipartimento di Scienze Giuridiche Cesare Beccaria	1
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	3
Dipartimento di Scienze Sociali e Politiche	4
Dipartimento di Studi Letterari, Filologici e Linguistici	2
Dipartimento di Studi Storici	4

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 **January 30TH 2023 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;
- up to 6 publications in PDF format (scientific publications in qualified reviews, with a list of them and a justification for their choice);
- 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/en/research/doing-research-us/research-fellowships>. 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 6052/22 on december 23th, 2022

IL RETTORE
F.to Elio Franzini



Departments	Fellowships	Coordinators	Research lines
Dipartimento di Bioscienze	4	Nardini Marco, Baruscotti Mirko, Costa Alex, Caretti Giuseppina, Gianfranceschi Luca Enrico Angelo, Ezquer Garin Juan Ignacio	Integrated and innovative studies for the analysis of relevant biological mechanisms
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	1	Bellini Tommaso Giovanni, Colombo Diego Rodolfo, Zanchetta Giuliano, Giavazzi Fabio	Chemistry and physics of biomolecules and cell biophysics
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	1	Nisoli Enzo, Bonomi Marco, Vitale Giovanni	Pathogenetic mechanisms of endocrine-metabolic diseases
Dipartimento di Chimica	1	Bianchi Claudia Letizia Maddalena, Pirola Carlo, Alongi Jenny, Rossetti Ilenia Giuseppina	Advanced materials for the environmental remediation of air and water
Dipartimento di Chimica	1	Lay Luigi, Passarella Daniele, Silvani Alessandra, Cauteruccio Silvia, Belvisi Laura, Speranza Giovanna, Giannini Clelia, Sattin Sara, Pignataro Luca Luigi, Seneci Pierfausto	New advances in organic and bioorganic chemistry
Dipartimento di Chimica	1	Dozzi Maria Vittoria, Chiarello Gian Luca, Scavini Marco, Gervasini Antonella, Vertova Alberto, Longhi Mariangela, Minguzzi Alessandro, Martinazzo Rocco	Development and physico-chemical characterization of new materials for energy and environment
Dipartimento di Chimica	2	Roberto Dominique Marie, Cariati Elena, Caselli Alessandro, Villa Alberto	Development and characterization of metal complexes and materials for photonics
Dipartimento di Diritto Privato e Storia del Diritto	1	Ludovico Giuseppe, Marinelli Francesca	Regulation of entry flows and labour market integration of non-EU workers
Dipartimento di Diritto Privato e Storia del Diritto	1	Marchetti Carlo, Candian Albina	The third sector: its evolution under a comparative law perspective
Dipartimento di Diritto Privato e Storia del Diritto	1	Lo Iacono Sabrina, Gagliardi Lorenzo	Mediolanum capital of the Late Empire. Law in the century of the city's greatest importance
Dipartimento di Diritto Privato e Storia del Diritto	1	Villa Gianroberto, Castelli Laura	Restitution, Undue payments and modification of goods
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1	Fumagalli Luigi, Crespi Reghizzi Zeno	Treaty conflicts and autonomous regimes: towards an overcoming of traditional resolution techniques?



Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1	Anno' Ilaria Angela, Amalfitano Chiara	Infringement proceedings in environmental matters: an instrument for sustainable development?
Dipartimento di Economia, Management e Metodi Quantitativi	1	Degl'innocenti Marta, Zirulia Lorenzo	Economics of financial intermediaries and corporate finance
Dipartimento di Economia, Management e Metodi Quantitativi	1	D'adda Giovanna, Ariu Andrea	Historical institutions and contemporary social norms
Dipartimento di Economia, Management e Metodi Quantitativi	1	Bastianin Andrea, Rossini Luca	Econometrics methods for the analysis of transition to clean energy
Dipartimento di Economia, Management e Metodi Quantitativi	1	Fasani Francesco Maria, Massaro Domenico, Bartos Vojtech	New Advances in Economics Research
Dipartimento di Economia, Management e Metodi Quantitativi	1	Gamba Simona, Fiorio Carlo	impact evaluation of fiscal policies
Dipartimento di Filosofia Piero Martinetti	1	Spinicci Paolo, Pinotti Andrea, Gobo Giampietro, Garavaglia Andrea, Primiero Giuseppe, Folgieri Raffaella	Public Philosophy: methods and problems in communicating philosophical enquiry
Dipartimento di Fisica Aldo Pontremoli	1	Andreazza Attilio, Maero Giancarlo, Miramonti Lino	Experimental particle, astroparticle and antimatter physics
Dipartimento di Fisica Aldo Pontremoli	1	Fratesi Guido, Falqui Andrea, Vailati Alberto, Zaccone Alessio	Theoretical and experimental physics of solids, two-dimensional systems, and colloids
Dipartimento di Fisica Aldo Pontremoli	1	Paris Matteo, Lenardi Cristina, Tamascelli Dario	Quantum technology and open quantum systems, and radiobiological studies in medical physics
Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti	1	Caprioli Flavio Andrea, Torrente Yvan	In situ multidimensional proteomic and transcriptomic analysis of Pathogenic T cells in IBD patients and musculoskeletal diseases
Dipartimento di Informatica Giovanni Degli Antoni	1	Castano Silvana, Visconti Andrea	Advanced methods and technologies in Computer Science
Dipartimento di Lingue, Letterature, Culture e Mediazioni	1	Brazzelli Nicoletta, Caponi Paolo	Revolutionary Ireland as a Transmedia Storyworld: Breaching the Divide between the Fictional and the non-Fictional
Dipartimento di Lingue, Letterature, Culture e Mediazioni	1	Pedrazzini Luciana, Nava Andrea	History of second language teaching. A digital archive of ELT materials in Italy (1900-2000)
Dipartimento di Matematica Federigo Enriques	1	Tarsi Cristina, Cozzi Matteo	Qualitative properties of nonlinear partial differential equations of elliptic type
Dipartimento di Matematica Federigo Enriques	1	Tasin Luca, Svaldi Roberto	Boundedness and moduli problems in algebraic geometry and foliation theory



Dipartimento di Matematica Federigo Enriques	1	Ugolini Stefania, Mastropietro Vieri	Stochastic methods in quantum systems
Dipartimento di Medicina Veterinaria e Scienze Animali	1	Grilli Guido, Addis Maria Filippa	Evaluation of antibiotic-resistance in farmed and wild avian species
Dipartimento di Medicina Veterinaria e Scienze Animali	1	Gaviglio Anna Antonia Maria, Gandini Gustavo	Future challenges for the sustainability of the animal production
Dipartimento di Medicina Veterinaria e Scienze Animali	1	Rossi Luciana, Sgoifo Rossi Carlo Angelo	Nutritional innovative strategies for the reduction of in-feed antibiotics according to the One Health approach
Dipartimento di Medicina Veterinaria e Scienze Animali	1	Brambilla Paola Giuseppina Maria, Locatelli Chiara	Study of echocardiographic phenotypes of the most common endocrine and metabolic disorders in dogs
Dipartimento di Oncologia ed Emato-Oncologia	1	Curigliano Giuseppe, Criscitiello Carmen	DNA repair deficiency in endocrine therapy-resistant breast cancer
Dipartimento di Oncologia ed Emato-Oncologia	1	Cutica Ilaria, La Torre Davide	Towards explainable, interpretable, patient-centric AI in health and medicine
Dipartimento di Scienze Biomediche e Cliniche	1	Castiglioni Sara, Nebuloni Manuela	Mini-guts to personalize therapy in Crohn's disease
Dipartimento di Scienze Biomediche e Cliniche	1	Perrotta Cristiana, Mameli Chiara	An integrated pharmacological/nutraceutical approach for Duchenne Muscular Dystrophy: acid sphingomyelinase as new therapeutic target.
Dipartimento di Scienze Biomediche per la Salute	1	Montaruli Angela, Roveda Eliana	SINCRONA Study: Sleep, INactivity, CRONotype, Alimentation. Lifestyle among university students.
Dipartimento di Scienze Cliniche e di Comunità	1	Edefonti Valeria Carla, Ferraroni Monica	Identification of dietary patterns in nutritional epidemiology: novel epidemiological and methodological challenges
Dipartimento di Scienze della Salute	1	Marchetti Giulia Carla, Cozzolino Mario Gennaro, Amendola Antonella, Chiumello Davide Alberto, Podda Gianmarco, Bianchi Silvia, Tincati Camilla	Immune response to SARS-CoV-2 in the course of natural disease, following antiviral and monoclonal treatments as well as vaccination in healthy individuals and fragile subjects
Dipartimento di Scienze della Salute	1	D'agostino Armando, Canevini Maria Paola, Bocci Tommaso	Neurophysiology of neuropsychiatric disorders in wakefulness and sleep
Dipartimento di Scienze della Terra Ardito Desio	1	Marotta Anna Maria, Giudici Mauro	Geodynamic Evolution of the Alboran Sea: integration of numerical modeling and data of different nature.
Dipartimento di Scienze e Politiche Ambientali	1	Sugni Michela, Micheletti Alessandra	Echinodesign: mechanical design of sea urchins and bioinspired materials



Dipartimento di Scienze Farmaceutiche	1	Dallanoce Clelia Mariangiola Luisa, De Amici Marco	Stable and unstable isotope-labeled ligands: design, synthesis and applications in drug discovery and development
Dipartimento di Scienze Farmaceutiche	1	Cilurzo Francesco, Selmin Francesca, Franze' Silvia	Design of nanotechnology-based drug delivery systems for the enhancement of pre-gastric and/or transdermal penetration of active ingredients
Dipartimento di Scienze Farmacologiche e Biomolecolari	1	Fumagalli Fabio, Calabrese Francesca	Role of environmental factors in the development of psychiatric disorders: from susceptibility to treatment
Dipartimento di Scienze Giuridiche Cesare Beccaria	1	Gatta Gian Luigi, Basile Fabio	Illegal Immigration and Criminal Law
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	3	Pasquali Matias, Alamprese Cristina, Arioli Stefania, Barbiroli Alberto Giuseppe, Bassoli Angela, Buratti Susanna, Cavalca Lucia, Compagno Concetta Maria, Crotti Elena Sara, De Noni Ivano, Del Bo' Cristian, Erba Daniela, Fracassetti Daniela, Guglielmetti Simone Domenico, Hidalgo Vidal Alyssa Mariel, Laureati Monica, Limbo Sara, Limonta Lidia, Lupi Daniela, Mapelli Francesca, Marti Alessandra, Martini Daniela, Picozzi Claudia, Pinto Andrea, Rigamonti Ivo Ercole, Romano Diego, Rollini Manuela Silvia, Saracchi Marco, Savoldelli Sara, Tirelli Antonio Giovanni, Villa Federica	Innovation of food systems from production to consumption according to the principles of sustainable development
Dipartimento di Scienze Sociali e Politiche	1	Squazzoni Flaminio, Vacca Raffaele	Gender, stereotypes and educational choices: An experimental analysis
Dipartimento di Scienze Sociali e Politiche	1	Colombo Enzo, Rebughini Paola Alessandra	Individualization and individualism. How young people deal with the structural injunction to become individuals producing new forms of cooperation and political action
Dipartimento di Scienze Sociali e Politiche	1	Pallini Massimo, Bonardi Olivia	Legal protection of individual professional skills
Dipartimento di Scienze Sociali e Politiche	1	Dorigatti Lisa, Pedersini Roberto	Towards a Just Transition? Industrial relations and the political economy of ecological restructuring
Dipartimento di Studi Letterari, Filologici e Linguistici	1	Piacentini Patrizia, Cavagna Alessandro	Egyptology and archives, between archaeology and history of the discipline



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Dipartimento di Studi Letterari, Filologici e Linguistici	1	Barucci Guglielmo, Baragetti Stefania	Literary and journalistic prose in Lombardy between the mid-Eighteenth Century and the fall of Napoleon.
Dipartimento di Studi Storici	1	Trabattoni Franco, Franchella Miriam Angela Giovanna	Philosophical debates between Pagans and Christians in Late Antiquity
Dipartimento di Studi Storici	1	Mecella Laura, Bussi Silvia	Warfare, political culture and society in Rome in the early Republic (509-264 B.C.)
Dipartimento di Studi Storici	1	Levati Stefano, Raviola Blythe Alice	Birth of the Myth. A reinterpretation of Napoleon's life and political experience.
Dipartimento di Studi Storici	1	Soresina Marco, Baioni Massimo	Parliamentarism and anti-parliamentarism in 19th century Italy, in a transnational perspective