



UNIVERSITÀ DEGLI STUDI DI MILANO

COMPETITION FOR 56 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 56 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 56 fellowships are divided among the following departments of the University:

DEPARTMENT	n. fellowships
DIPARTIMENTO DI BENI CULTURALI E AMBIENTALI	3
DIPARTIMENTO DI BIOSCIENZE	3
DIPARTIMENTO DI BIOTECNOLOGIE MEDICHE E MEDICINA TRASLAZIONALE	4
DIPARTIMENTO DI CHIMICA	1
DIPARTIMENTO DI DIRITTO PRIVATO E STORIA DEL DIRITTO	1
DIPARTIMENTO DI DIRITTO PUBBLICO ITALIANO E SOVRANAZIONALE	2
DIPARTIMENTO DI ECONOMIA, MANAGEMENT E METODI QUANTITATIVI	2
DIPARTIMENTO DI FISIOPATOLOGIA MEDICO-CHIRURGICA E DEI TRAPIANTI	2
DIPARTIMENTO DI LINGUE E LETTERATURE STRANIERE	2
DIPARTIMENTO DI MATEMATICA "FEDERIGO ENRIQUES"	3
DIPARTIMENTO DI SCIENZE AGRARIE E AMBIENTALI - PRODUZIONE, TERRITORIO, AGROENERGIA	3
DIPARTIMENTO DI SCIENZE BIOMEDICHE E CLINICHE "L. SACCO"	3
DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	7
DIPARTIMENTO DI SCIENZE CLINICHE E DI COMUNITA'	3
DIPARTIMENTO DI SCIENZE DELLA SALUTE	2
DIPARTIMENTO DI SCIENZE E POLITICHE AMBIENTALI	4
DIPARTIMENTO DI SCIENZE FARMACEUTICHE	1
DIPARTIMENTO DI SCIENZE FARMACOLOGICHE E BIOMOLECOLARI	3
DIPARTIMENTO DI SCIENZE GIURIDICHE "CESARE BECCARIA"	1
DIPARTIMENTO DI SCIENZE SOCIALI E POLITICHE	2
DIPARTIMENTO DI STUDI INTERNAZIONALI, GIURIDICI E STORICO-POLITICI	3
DIPARTIMENTO DI STUDI STORICI	1

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 proper scientific-professional curriculum to carry out research activity.



Both degrees must be earned within the date of stipulation of the individual contract and anyway within February 28th 2019.

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 **NOVEMBER 19th 2018 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 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 http://www.unimi.it/ricerca/assegni_ricerca/69536.htm.

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, 50 for the qualifications, the scientific-professional curriculum and the research project and the other 50 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;
- 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;
- orcid ID
- certified email address (PEC)



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: http://www.unimi.it/ricerca/assegni_ricerca/69536.htm. 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 25 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 50 points and the interview is overcome if the candidate earns more than 25 points. Candidates admitted to the interview, resident abroad, can do a telematic 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 free lance 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 or anyway within February 28th 2019 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 Risorse Umane - Via S. Antonio n. 12, Milano. (email: assegni.postdoc@unimi.it)

REG. n. 3467/2018 del 15/10/2018

IL RETTORE
(F.to Elio Franzini)



Departments	Fellowships	Coordinators	Research lines
DIPARTIMENTO DI BENI CULTURALI E AMBIENTALI	1	RUSCONI PAOLO, ZANCHETTI GIORGIO, BIGNAMI SILVIA GRAZIELLA	The dissemination of contemporary art in the first half of the 20th century. Production of images and circulation strategies.
DIPARTIMENTO DI BENI CULTURALI E AMBIENTALI	1	INGHILLERI DI VILLADAURO PAOLO MARIA, LUCCHESI FLAVIO MASSIMO	New models for urban life to prevent psychological and social conflict
DIPARTIMENTO DI BENI CULTURALI E AMBIENTALI	1	TOSCANI CLAUDIO, DAOLMI DAVIDE, FERTONANI CESARE	Musical practices between historical traditions and contemporaneity: textual and performance issues
DIPARTIMENTO DI BIOSCIENZE	3	CASARTELLI MORENA, BRIANI FEDERICA, RICAGNO STEFANO, MORONI ANNA, FORNARA FABIO	Integrated approaches to research in Biology
DIPARTIMENTO DI BIOTECNOLOGIE MEDICHE E MEDICINA TRASLAZIONALE	1	SELMI CARLO FRANCESCO, KLINGER MARCO ETTORE ATTILIO, LUCINI DANIELA	METABOLIC, MICROBIOLOGIC, AND AUTOIMMUNE CHANGES IN PSORIATIC DISEASE
DIPARTIMENTO DI BIOTECNOLOGIE MEDICHE E MEDICINA TRASLAZIONALE	1	LANDSBERGER NICOLETTA, BATTAGLIOLI ELENA, PAGANI MASSIMILIANO	Analysis of the molecular mechanisms contributing to Rett syndrome and study of novel therapeutic strategies
DIPARTIMENTO DI BIOTECNOLOGIE MEDICHE E MEDICINA TRASLAZIONALE	1	PRINETTI ALESSANDRO ENNIO GIUSEPPE, MAURI LAURA	Sphingolipids in myelination under physiological conditions and in myelin repair



DIPARTIMENTO DI BIOTECNOLOGIE MEDICHE E MEDICINA TRASLAZIONALE	1	FORNASARI DIEGO MARIA MICHELE, FRANCOLINI MAURA	The role of PHOX2A and PHOX2B transcription factors in the physiology and physiopathology of the Autonomic Nervous System
DIPARTIMENTO DI CHIMICA	1	SIRONI MAURIZIO, PIERACCINI STEFANO, PIROLA CARLO, LO PRESTI LEONARDO, VERTOVA ALBERTO, RONDININI SANDRA, CAPPELLETTI GIUSEPPE, PASSARELLA DANIELE	Application and development of computational methods to the study of biological systems
DIPARTIMENTO DI DIRITTO PRIVATO E STORIA DEL DIRITTO	1	TINA ANDREA, VICARI ANDREA	Banks' balance sheets, accounting policies and organizational structure
DIPARTIMENTO DI DIRITTO PUBBLICO ITALIANO E SOVRANAZIONALE	1	VIOLINI LORENZA, ARCONZO GIUSEPPE	The principle of reasonableness and the judicial protection of human rights
DIPARTIMENTO DI DIRITTO PUBBLICO ITALIANO E SOVRANAZIONALE	1	MERLIN ELENA, VILLATA STEFANO ALBERTO	Objective and subjective profiles of the sentence in the civil trial
DIPARTIMENTO DI ECONOMIA, MANAGEMENT E METODI QUANTITATIVI	1	FLORIO MASSIMO, TURRI MATTEO	Public procurement as a driver for innovation: the case of the Italian Space Agency
DIPARTIMENTO DI ECONOMIA, MANAGEMENT E METODI QUANTITATIVI	1	FRATTINI TOMMASO, GREMBI VERONICA	Immigration, health, and labour market conditions
DIPARTIMENTO DI FISIOPATOLOGIA MEDICO-CHIRURGICA E DEI TRAPIANTI	1	BRAMBILLA PAOLO, STOCCHETTI NINO	Investigation of the cerebral connective with multimodal neuroimaging and integrated neuropsychological models: from mental to brain injuries



DIPARTIMENTO DI FISIOPATOLOGIA MEDICO-CHIRURGICA E DEI TRAPIANTI	1	ROSSI GIORGIO ETTORE, PESENTI ANTONIO	Enlarging donor pool: preservation and reconditioning strategies in liver transplantation
DIPARTIMENTO DI LINGUE E LETTERATURE STRANIERE	1	COSTAZZA ALESSANDRO, HAAS FRANZ	After the zero hour: new avant-gardes in the German-language literature of the second half of the Twentieth Century
DIPARTIMENTO DI LINGUE E LETTERATURE STRANIERE	1	RIVA SILVIA, MODENESI MARCO	Literary atlases: forms, movements, transformations
DIPARTIMENTO DI MATEMATICA "FEDERIGO ENRIQUES"	1	VEESER ANDREAS, LOVADINA CARLO, BONETTI ELENA	Analysis and numerical approximation of partial differential equations
DIPARTIMENTO DI MATEMATICA "FEDERIGO ENRIQUES"	1	ZANCO CLEMENTE, FRITTELLI MARCO	Interaction between infinite-dimensional convexity, Banach space theory, variational analysis, and Mathematical Finance
DIPARTIMENTO DI MATEMATICA "FEDERIGO ENRIQUES"	1	GAETA GIUSEPPE, CAVATERRA CECILIA, MORALE DANIELA	Biomathematics
DIPARTIMENTO DI SCIENZE AGRARIE E AMBIENTALI - PRODUZIONE, TERRITORIO, AGROENERGIA	3	CASATI PAOLA, PROVOLO GIORGIO MARIO, PESSINA DOMENICO, ROSSINI LAURA, BASSI DANIELE, SPINARDI ANNA, ADANI FABRIZIO, ACUTIS MARCO, BECHINI LUCA, SALI GUIDO, GANDOLFI CLAUDIO, PILU SALVATORE ROBERTO, FERRANTE ANTONIO	Agriculture and environment: new frontiers in the bioeconomy.



DIPARTIMENTO DI SCIENZE BIOMEDICHE E CLINICHE "L. SACCO"	1	CORSI FABIO RUGGERO MARIA, FOSCHI DIEGO, CAZZOLA ROBERTA	Development and evaluation of interaction with biological system of novel nanodrugs for breast cancer teranostics
DIPARTIMENTO DI SCIENZE BIOMEDICHE E CLINICHE "L. SACCO"	1	ANTINORI SPINELLO, RUSCONI STEFANO	Development and implement of an Antimicrobial Stewardship Program
DIPARTIMENTO DI SCIENZE BIOMEDICHE E CLINICHE "L. SACCO"	1	MOSCHENI CLAUDIA, CLEMENTI EMILIO GIUSEPPE IGNAZIO	Identification of novel alternative strategies in Duchenne's muscular dystrophy treatment
DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	1	TERRUZZI ILEANA MARINA, CODELLA ROBERTO	Impaired metabolism and muscular atrophy: therapeutic effects of combining nutraceuticals, metformin, and physical exercise in the murine model
DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	1	IAIA FEDON MARCELLO, LONGO STEFANO	Implementation of monitoring systems aimed at assessing the physiological status to optimize performance and wellness in team-sports players
DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	1	LUZI LIVIO, BENEDINI STEFANO	Deep Transcranial Magnetic Stimulation in Obesity: effects on Dopamine Transporter Availability (DAT) evaluated by SPECT
DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	1	CE' EMILIANO, MONTARULI ANGELA	Evaluation of sleep-wake rhythm, endothelial function and autonomic balancing in breast cancer: role of physical exercise.



DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	1	RECALCATI STEFANIA, CAIRO GAETANO	Iron metabolism in macrophages: role of ferroportin
DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	1	SFONDRINI LUCIA, ROMANO' LUISA, ARNABOLDI FRANCESCA	Role of pulmonary microbiota in immune response against lung tumors and effect of its modulation via probiotic or antibiotic aerosolization
DIPARTIMENTO DI SCIENZE BIOMEDICHE PER LA SALUTE	1	ANASTASIA LUIGI, PERETTI GIUSEPPE, NANO GIOVANNI	Role of the hypoxia inducible factor (HIF) in skeletal muscle aging
DIPARTIMENTO DI SCIENZE CLINICHE E DI COMUNITA'	1	FERRARONI MONICA, AMBROGI FEDERICO	Adherence to the traditional Mediterranean Diet and human milk composition
DIPARTIMENTO DI SCIENZE CLINICHE E DI COMUNITA'	1	PERSANI LUCA, SCACCHI MASSIMO	NGS analyses to uncover novel genetic and epigenetic contributions to the pathogenesis of congenital hypothyroidism (CH)
DIPARTIMENTO DI SCIENZE CLINICHE E DI COMUNITA'	1	INGEGNOLI FRANCESCA ANNA, BOLLATI VALENTINA	THE IMPACT OF AIR POLLUTION ON EXTRACELLULAR VESICLES AND ON IMMUNE RESPONSE IN PATIENTS WITH RHEUMATOID ARTHRITIS
DIPARTIMENTO DI SCIENZE DELLA SALUTE	1	CARRAFIELLO GIANPAOLO, BATTEZZATI PIER MARIA, DEL SOLE ANGELO SILVESTRO	Safety and efficacy of Interventional Radiology treatments in the intermediate and advanced stages of Hepatocellular Carcinoma (HCC).



DIPARTIMENTO DI SCIENZE DELLA SALUTE	1	SIGNORELLI PAOLA, CARUGO STEFANO, CHIUMELLO DAVIDE ALBERTO, BOTTAI DANIELE, ROSSO LORENZO PAOLO ANTONIO	Plasma lipid profile and myocardium lipid detection by Cardiac Magnetic Resonance in post infarction: novel prognostic markers
DIPARTIMENTO DI SCIENZE E POLITICHE AMBIENTALI	1	LA PORTA CATERINA, MAUGERI MAURIZIO, PILOTTI LUCIANO	Food and environmental pollutants migration and diffusion of pathologies in relation with global warming and social political conditions
DIPARTIMENTO DI SCIENZE E POLITICHE AMBIENTALI	1	PIAZZA LAURA, BOCCHI STEFANO, TEDESCO DORIANA EUROSIA ANGELA	Environmental sustainability of AgroFood Processes: Technological Design and Assessment
DIPARTIMENTO DI SCIENZE E POLITICHE AMBIENTALI	1	PENNATI ROBERTA, BONASORO FRANCESCO	Multi-level effects (organismic, cellular, molecular) of environmental state on the developmental processes of marine invertebrates.
DIPARTIMENTO DI SCIENZE E POLITICHE AMBIENTALI	1	SAINO NICOLA MICHELE FRANCESCO, AMBROSINI ROBERTO	Telomere dynamics, life-histories and ecology in the Barn Swallow
DIPARTIMENTO DI SCIENZE FARMACEUTICHE	1	ALDINI GIANCARLO, CARINI MARINA	Mass Spectrometry-Based Proteomics in drug target identification and for uncovering drug mechanism of action
DIPARTIMENTO DI SCIENZE FARMACOLOGICHE E BIOMOLECOLARI	1	VIVIANI BARBARA, MARINOVICH MARINA, POPOLI MAURIZIO	Molecular and cellular dysfunctions in the progression of neuronal damage: towards the identification of new therapeutic targets



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DIPARTIMENTO DI SCIENZE FARMACOLOGICHE E BIOMOLECOLARI	2	LIMONTA PATRIZIA, RIZZO ANGELA MARIA	Influence of metabolism and microenvironment on cancer progression and chemoresistance
DIPARTIMENTO DI SCIENZE GIURIDICHE "CESARE BECCARIA"	1	DI LUCIA PAOLO UMBERTO MARIA, MANCINI LETIZIA	Vindictory justice, composition, restorative justice
DIPARTIMENTO DI SCIENZE SOCIALI E POLITICHE	1	REBUGHINI PAOLA ALESSANDRA, LEONINI LUISA MARIA, BONI FEDERICO, SANTORO MONICA, BARISIONE MAURO, BISCALDI ANGELA, BONIZZONI PAOLA, MARAFFI MARCO	Innovative practices among youth and digital communication: knowledge production, everyday life, subjectivity
DIPARTIMENTO DI SCIENZE SOCIALI E POLITICHE	1	GUERCI MARCO, SOLARI LUCA	Social Networking in Business Organizations
DIPARTIMENTO DI STUDI INTERNAZIONALI, GIURIDICI E STORICO-POLITICI	1	VILLATA FRANCESCA CLARA, VIARENGO ILARIA	Cross-border civil and commercial disputes and new technologies
DIPARTIMENTO DI STUDI INTERNAZIONALI, GIURIDICI E STORICO-POLITICI	1	COLOMBO ALESSANDRO, STEFANACHI CORRADO	International regimes: evolution and effectiveness in the current international context
DIPARTIMENTO DI STUDI INTERNAZIONALI, GIURIDICI E STORICO-POLITICI	1	BASSANI LUIGI MARCO, GALLIANI DAVIDE	"Catholic Utilitarianism" in Italy during the 1800s
DIPARTIMENTO DI STUDI STORICI	1	PIAZZONI IRENE MARIA LUISA, CADEDU DAVIDE	European culture in the second half of the Nineteenth Century: organizations, political militancy, and intellectual tendencies