

Call for Applications for admission to the International PhD Course in Molecular Medicine¹

RECTOR'S DECREE NO. 8952

THE RECTOR

- **Having considered** the statute of the Vita-Salute San Raffaele University of Milan, approved by the Decree of the Minister of University, Scientific and Technological Research of August 2nd, 1996, and following amendments and integrations;
- **Having considered** article 4 of Law no. 210 of July 3rd, 1998;
- **Having considered** the Ministerial Decree no. 226 of December 14th, 2021 “Regulations on the methods of accreditation of the PhD Courses and sites, and criteria to be followed by the accredited bodies to start PhD Courses”;
- **Having considered** article 19 of Law no. 240 of December 30th, 2010;
- **Having considered** the Ministerial Decrees no. 629 and 630 of April 24th, 2024;
- **Having considered** the Circular on the procedures for the entry, stay, enrollment of international students and the relative recognition of qualifications, for higher education courses in Italy - academic year 2024/2025;
- **Having considered** the Vita-Salute San Raffaele University Regulations for PhD Courses issued with Rector's Decree no. 8394 of October 9th, 2023;
- **Having considered** the MUR [Ministry of University and Research] Memo of August 5th, 2013 - Practical Guidelines on publication of the Calls for admission to the Ph.D. Course;
- **Having considered** the Ministerial Decree no. 301 of March 22nd, 2022 - “Guidelines to accredit PhD Courses pursuant to Article 4, paragraph 3, of the Regulation referred to DM 14 December 2021, n. 226”;
- **Having considered** the Law n. 22 of April 12th, 2022 - Provisions on simultaneous enrolment in two higher education courses and the Ministerial Decree n. 930 of July 29th, 2022
- **Having considered** the competent academic and administrative bodies' resolutions;
- **Having considered** the request for the renewal ministerial accreditation of June 7th, 2024;
- **Having assessed** the opportunity to start the selection procedures under the condition of the accreditation and the verification of the maintenance of the requirements by the MUR

¹ This Call for Application uses the masculine form in overextended mode, but is intended to refer in an inclusive manner to all people, beyond their gender

HEREBY DECREES

Article 1 Institution

Vita-Salute San Raffaele University of Milan (hereinafter "UniSR") announces the XL cycle of the **International PhD Course in Molecular Medicine** (hereinafter the "Course") for the academic year 2024/2025, with administrative headquarters at UniSR.

The aim of the course is to offer an educational programme for PhD students to promote their professional careers in national and international academic and industrial institutions active in the field of research.

The Course Coordinator is **Prof. Carlo Tacchetti**.

The Course consists of the following Curricula:

- Cellular and Molecular Biology
- Basic and Applied Immunology and Oncology
- Experimental and Clinical Medicine
- Neuroscience and Experimental Neurology
- Gene and Cell Therapy

UniSR announces the Call for Applications for the admission to the three-year PhD Course.

The following **44 positions** will be assigned through the present Call:

5 positions without a fellowship

39 positions with fellowships divided as follows:

7 two-year fellowships PhS to be awarded to students who will be enrolled, during the A.Y. 2024/2025, in the last year of one of the medical area of the Residency Programs reserved for M.D.s. Applicants can ONLY choose projects submitted in the Residency Program they are enrolled in if attended in UniSR, or for projects related to UniSR Residency Program equivalent to one in which they are enrolled in a different University

The fellowships are divided as follows:

Free PhS two-year fellowships: **3**

Project-based PhS two-year fellowship: 4 for carrying out the following projects in the indicated curricula. The description of the projects is available on the UniSR website: <https://www.unisr.it/en/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>.

Curriculum: Medicina Clinica e Sperimentale

Project 1 (ECM_PhS1): "Antibiotic Resistance in Sexually Transmitted Infections: Using Molecular Analysis to Tailor Treatment Strategies for Mycoplasma genitalium"

Supervisor: Dr. Silvia Nozza

Residency Program Infectious diseases

Unit: Infectious diseases Unit- IRCCS Ospedale San Raffaele

Progetto 2 (ECM_PhS2): “Molecular and electroanatomical features of cardiogenetic diseases related to sudden cardiac death”

Supervisor: Prof. Carlo Pappone

Residency Program Residency Program in Cardiovascular Diseases

Unit: Policlinico San Donato

Curriculum: Terapia Genica e Cellulare

Project 1 (GCT_PhS1): “Identification of novel biomarkers of disease progression and response to treatment in Metachromatic Leukodystrophy”

Supervisore: Dr.ssa Francesca Fumagalli

Residency Program in Neurology

Unit: Pediatric Immunohematology Unit– IRCCS Ospedale San Raffaele

Financing body: Fondazione Telethon ETS

Project 2 (GCT_PhS2): “Multiomics and Functional Profiling of Immune Environment In Extramedullary Leukemia Relapses”

Supervisor: Prof. Luca Vago

Residency Programs in Hematology

Unit: Immunogenetics, Leukemia Genomics and Immunobiology Unit – IRCCS Ospedale San Raffaele

Financing body: AIRC

Reference code of the project: IG 28953

Title: Deciphering the Interplay Between Epigenetics, Metabolism and Stroma in Leukemia Post-Transplant Immune Escape

7 three-year free fellowships

25 funded three-year project-based fellowships including:

- **10** fellowships as part of the funding from the PNRR, Mission 4, component 2 “*From research to enterprise*” - Investment 3.3. “*Introduction of innovative doctorates that meet the innovation needs of enterprises and promote the recruitment of researchers from enterprises*” pursuant to DM 630 of 24th April 2024.
- **15** fellowships from other types of funding.

The details of the projects are listed below while the description is available on the UniSR website: <https://www.unisr.it/en/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>.

The **25** funded three-year project-based fellowships are divided among the 5 curricula as follows:

Curriculum: Cellular and Molecular Biology

Project-based fellowship: **4** for the following project:

Project 1 (CMB1): "Investigating mechanisms of drug resistance in EGFR-driven lung adenocarcinoma"

Supervisor: Dr. Giorgia Foggetti

Unit: Lung Cancer Research Team, Experimental Oncology Division and Medical Oncology Department- IRCCS Ospedale San Raffaele

Financing body: AIRC

Reference code of the project: Start-Up 25793

Title: Genomic Mediators of Therapeutic Sensitivity in EGFR-Driven Lung Adenocarcinoma

Project 2 (CMB2): "Improving the prediction of new regimens efficacy in drug resistant tuberculosis"

Supervisor: Dr. Daniela Cirillo

Unit: Emerging Bacterial Pathogens Unit – IRCCS Ospedale San Raffaele

Financing body: The Innovative Medicines Initiative 2 Joint Undertaking (IMI2)?

Reference code of the project: 101007873

Title: Academia and Industry United Innovation and Treatment for Tuberculosis' – Acronimo UNITE4TBXXX

Project 3 (CMB3): "Analysis of antibody-drug conjugates efficacy in pancreatic adenocarcinoma models"

Supervisor: Dr. Marina Macchini

Unit: Medical Oncology Unit – IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Project 4 (CMB4): "Preclinical Study of engineered HMGB1 proteins as Drug Candidates for Regenerative Medicine Applications"

Supervisor: Dr. Emilie Venereau

Unit: Tissue regeneration and homeostasis Unit – IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Curriculum: Basic and Applied Immunology and Oncology

Project-based fellowships: **2** for the following projects:

Project 1 (BAIO1): "Role of tumor microenvironment in CXCR4-mediated antitumor immunity"

Supervisor: Dr. Rossana Mezzapelle

Unit: Chromatin dynamics Unit – IRCCS Ospedale San Raffaele

Financing body: AIRC

Reference code of the project: MF AG 27415

Title: Role of tumor microenvironment in CXCR4-mediated antitumor immunity

Project 2 (BAIO2): "Targeting of HMGB1 recycling as an innovative therapeutic strategy to fight cancer"

Supervisor: Dr. Emilie Venereau

Unit: Tissue regeneration and homeostasis Unit – IRCCS Ospedale San Raffaele

Financing body: AIRC

Reference code of the project: IG 2023 ID 29003

Title: Deciphering the multiple roles of HMGB1 in the crosstalk between tumor cells and host microenvironment

Curriculum: Experimental and Clinical Medicine

Project-based fellowships: **6** for the following projects:

Project 1 (ECM1): "Hyperprogression upon PD-(L)1 inhibitors alone or with chemotherapy in PD-L1 $\geq 50\%$ NSCLC: a biomarker guided phase 2 trial (Hyperbolic Study)"

Supervisor: Dr. Roberto Ferrara

Unit: Medical Oncology Unit – IRCCS Ospedale San Raffaele

Financing body: AIRC

Reference code of the project: Next Gen Clinician Scientist 2023 – 30147

Title: Hyperprogression upon PD-(L)1 inhibitors alone or with chemotherapy in PD-L1 $\geq 50\%$ NSCLC: a biomarker guided phase 2 trial

Project 2 (ECM2): "Advanced Imaging Techniques in FAPI PET/CT to Stage and Predict the Outcome of Bladder Cancer"

Supervisor: Prof. Martina Sollini

Unit: Nuclear Medicine Unit– IRCCS Ospedale San Raffaele

Financing body: AIRC

Reference code of the project: IG 27410

Title: Fibroblasts Activation Protein-alpha inhibitor (FAPI) PET/CT and Liquid biopsy to stage and to support decision

Project 3 (ECM3): "Development of Molecular Imaging Biomarkers for Solid Tumors"

Supervisor: Prof. Arturo Chiti

Unit: Nuclear Medicine Unit– IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Project 4 (ECM4): "Exploring Protein Sialylation in Brugada Syndrome: Implications for Clinical Management and Diagnosis"

Supervisor: Prof. Luigi Anastasia

Unit: IRCCS Ospedale San Raffaele e Institute of Molecular and Translational Cardiology Policlinico San Donato

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Project 5 (ECM5): "The application of deep learning tools at EUS to predict diagnosis, prognosis and molecular alterations in pancreatic cancer"

Supervisor: Prof. Paolo Giorgio Arcidiacono

Unit:Pancreatico/Biliary Endoscopy & Endosonography Unit– IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Project 6 (ECM6): "The predictive role of the microbiome in BGC response in patients with high-grade bladder cancer"

Supervisor: Dr. Massimo Alfano

Unit: Extracellular Microenvironment Unit-- IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Curriculum: Neuroscience and Experimental Neurology

Project-based fellowships: **4** for the following projects:

Project 1 (NEN1): "Acid Sensing Ion Channel isoform 3, role in glioblastoma (GBM) and as drug target for GBM treatment"

Supervisor: Dr. Andrea Menegon

Unit: CIS/Drug Screening Technologies and Alembic R&D – IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Project 2 (NEN2): "Targeting the 5-HT_{2A} receptor for treating alcohol use disorder (AUD)"

Supervisor: Prof. Danilo De Gregorio

Unit: Neuropsychopharmacology Unit– IRCCS Ospedale San Raffaele

Project 3 (NEN3): "Application of structural and functional MRI techniques to characterize the substrates of motor impairment and to investigate the mechanisms of different rehabilitative strategies in multiple sclerosis patients"

Supervisor: Prof. Maria Assunta Rocca

Unit: Neuroimaging of CNS White Matter Unit, INSPE, Division of Neuroscience – IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Project 4 (NEN4): "Evaluation of spinal cord stimulation assisted by motor rehabilitation training for restoring motor function after spinal cord injury"

Supervisor: Dr. Luigi Albano

Unit: Neurosurgery and Stereotactic Radiosurgery – IRCCS Ospedale San Raffaele

Financing body: Fondazione Cariplo

Reference code of the project: 2023-1340

Title: Evaluation of spinal cord stimulation assisted by motor rehabilitation training for restoring motor function after spinal cord injury

Curriculum: Gene and Cell Therapy

Project-based fellowships: **9** for the following projects:

Project 1 (GCT1): "Engineering Thymic Selection to Control the Development of Alloreactive T Cells to promote acceptance of allogeneic transplantation"

Supervisor: Dr. Andrea Annoni

Unit: Immune Core Unit– IRCCS Ospedale San Raffaele

Financing body: Foundation Telethon ETS

Project 2 (GCT2): "Targeting the hematopoietic stem cell niche to improve gene therapy for hemoglobinopathies"

Supervisor: Dr.ssa Annamaria Aprile

Unit: Gene transfer into stem cells Unit, San Raffaele Telethon Institute for Gene Therapy (SR-Tiget) – IRCCS Ospedale San Raffaele

Financing body: Foundation Telethon ETS

Project 3 (GCT3): "Dissecting hepatocyte heterogeneity in liver growth to improve in vivo gene therapy"

Supervisor: Prof. Alessio Cantore

Unit: Liver gene therapy – The San Raffaele Telethon Institute for Gene Therapy (SR-Tiget) – IRCCS Ospedale San Raffaele

Financing body: Foundation Telethon ETS

Project 4 (GCT4): "cell-free DNA as an early molecular response biomarker of CAR-T cell activity and efficacy"

Supervisor: Dr. Daniela Cesana

Unit: San Raffaele Telethon Institute for Gene Therapy, Safety of Gene therapy and insertional mutagenesis Unit – IRCCS Ospedale San Raffaele

Financing body: Foundation Telethon ETS

Project 5 (GCT5): “Gene expression dynamics of blood cell emergence”

Supervisor: Dr. Andrea Ditadi

Unit: Human hematopoietic development and disease modeling Unit – IRCCS Ospedale San Raffaele

Financing body: Foundation Telethon ETS

Project 6 (GCT6): “Epigenetic regulators of inflammatory responses”

Supervisor: Prof. Renato Ostuni

Unit: Genomics of the innate immune system Unit– IRCCS Ospedale San Raffaele

Financing body: Foundation Telethon ETS

Project 7 (GCT7): “Optimizing the therapeutic index of CD44v6 CAR T cells”

Supervisor: Dr. Monica Casucci

Unit: Immunoterapie Innovative – IRCCS Ospedale San Raffaele

Financing body: European Commission

Reference code of the project: 101076572 bando: ERC-2022-STG

Title: DEGLYCAR-T

Project 8 (GCT8): “Pre-clinical development of HSPC-GT for Morquio syndrome”

Supervisor: Dr. Stefania Crippa

Unit: Pathogenesis and therapy of primary immunodeficiencies Unit Telethon Institute for Gene Therapy– IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

Project 9 (GCT9): “Uncover and overcome senescence and dysfunction of genetically engineered T lymphocytes for cancer immunotherapy”

Supervisor: Prof. Chiara Bonini

Unit: Experimental Hematology Unit – IRCCS Ospedale San Raffaele

Funded in the context of EU funds – NextGeneration EU- pursuant to DM 630/2024

The fellowships funded in the context of financing pursuant to ex DM 629 and DM 630 of 24th April 2024 will be activated only following the successful verification of eligibility, performed by the MUR, of the related research projects proposed, in accordance with the provisions of the aforementioned decrees.

The positions with fellowships awarded by external funding will be activated only if the agreement for each fellowship is successfully made. If these positions are not activated, the number of positions without scholarship may decrease too.

The number of fellowships may be increased by subsequent measures as a result of additional funding. In this case the deadline for the submission of the applications for admission would remain the same.

At the end of the PhD admission procedure, as provided by the article 11 of the Ministerial Decree 629/2024 and by article 8 of Ministerial Decree 630/2024, any further fellowships provided by

the MUR, may be awarded to "eligible non-winners" according to the order of the final merit ranking.

The terms for the allocation of the above positions are indicated in art. 5.

It is recommended that candidates, who intend to select a funded project-based fellowships, should contact the proposing Supervisor, possibly before submitting the application for admission to the current call, in order to have more details on the characteristics of the chosen project. Indeed, for some of them there may be specific obligations that must be followed during the course of the project.

Moreover, those who have not applied for the admission to the PhD Course within the terms indicated by this Call could be enrolled in the PhD Course as supernumerary students if they:

- have been selected in European Union Research Programs or in other international cooperation programs in which UniSR participates;
- hold the qualifications required by this Call;
- apply for admission to the PhD Course within the first half of the first academic year;
- can attend the courses from the moment of the enrollment.

However, registration is subject to the verification of the qualifications, report/s of the admission tests and to the approval of the PhD Academic Board. Please note that the equivalence between a foreign qualification and the Italian degree must be assessed by the PhD Academic Board.

Article 2 Admission requirements

The application to the International PhD Course in Molecular Medicine can be submitted, regardless of age or citizenship, by those holding a 5-year University Degree (according to the old Italian regulation), a Master's Degree according to the new Italian regulation (hereinafter the "Degree") or an equivalent foreign academic qualification. The suitability of the foreign qualification is verified beforehand by the Committee of admission to the PhD Course, in compliance with the legislation in force in Italy and in the country where the title was issued also under international agreements on the recognition of qualifications for the continuation of studies.

In accordance with the current legislation, students who will enroll in the last year of a medical area Residency Programs reserved for M.D.s can ONLY apply for **PhS fellowships**. The admission to the Course, if in a qualifying position at the end of the competition process, is subject to a positive outcome of the matching assessment between the activities and commitment provided by the Graduate School and the PhD Course, also considering the distance between locations. This compatibility must be certified by the Council of the Graduate School and by the PhD Course's Academic Board.

For those who have obtained more than one academic qualification, the title indicated in the application form will be the one considered for the participation in the Call.

The following candidates can apply "sub condicione":

- students enrolled in the last year of a Master's degree, only if they **have already taken all exams when submitting the online application, and will graduate before October 31st, 2024, whereas the beginning of the Course is fixed on 1st November 2024**. By November 15th, 2024, should graduate students admitted "sub condicione" win a position, they must give evidence of having graduated within October 31st, 2024.
- Residents who apply for PhS fellowships. If they do not pass the exam for enrollment to the last year of Residency program, will then be excluded from the PhD Course. If they are admitted to the selection "sub condicione" and win a position in the PhD Course, they must give evidence of enrollment in their last year of the Residency Program within the following 15 days.

Those who have already a second-level qualification suitable for eligibility for a PhD Course and who are about to obtain an additional second-level academic qualification, will not be considered as "sub-condicione" undergraduates but the qualification already obtained will be evaluated for this competition.

Italian, EU and non-EU citizens holding an academic degree awarded abroad, not yet declared equivalent to an Italian degree, must upload in addition the documents listed below in order to have the degree recognized by the Admission Committee as being eligible for this PhD competition purpose only:

1. Copy of the original Master's Degree Diploma (only if the diploma has already been issued by the University);
2. Copy of the original Bachelor's Degree Diploma and certificate with the indication of the degree, if obtained abroad. This must include also the official record of the degree including the list of the exams passed and the relevant marks translated into Italian or English;
3. Certificate of the Master's degree including the list of the exams passed and the relevant marks translated and validated by an Italian diplomatic representation (Embassy or Consulate) of the country where the degree was awarded, or a similar document in English issued by the University which issued the qualification;
4. DV document (declaration of value - "dichiarazione di valore in loco") to be requested from the same diplomatic representation or the certificate of comparability issued by CIMEA (Information Centre on Mobility and Academic Equivalences).

Instead of the certificate indicating the official record of the degree with the list of the exams passed during the Bachelor and/or Master's Degree, it is possible to present the diploma supplement in English with the same information required for the certificate and issued by the University in which you got your academic qualification.

In case a candidate is unable to submit the documents referred to in point 4), together with the application to be admitted to this competition, or in case he submits the documents described in point 3) in English, the Admission Committee will decide whether to admit the candidate with provisional admission pending the assessment of qualifications step of the selection process.

In order to be eligible and not be excluded from the competition, candidates admitted with "provisional admission" and/or "sub *condicione*" to the selection, if winners of a position, must proceed as follows:

- those admitted "sub *condicione*", by November 15th, 2024, must give evidence of having graduated within October 31st, 2024. Residents who apply for PhS fellowships must give evidence of enrollment in their last year of the Residency Program within the following 15 days.
- those admitted with "provisional admission", by December 31st, 2024, must submit the certificate as defined under item 3) and 4).

If the documentation submitted make it impossible to declare the foreign degree equivalent to an Italian eligible degree, the winning Candidate admitted with provisional admission will not be considered eligible and will be excluded from the competition.

A good knowledge of English language is required for all Candidates. Interviews will be held in English.

Article 3 Admission applications

Applications can only be made online through the Reserved Area using the following UniSR website link: <https://univr.ess3.cineca.it/Home.do>.

In order to be admitted to the selection Italian, EU and non-EU citizens must pay € 50,00 fee following the instructions indicated on the online registration form.

Please note that the payment of the fee by itself does not imply that the candidate has registered correctly to the selection unless all the steps indicated in the form have been fulfilled.
The fee will not be reimbursed for whatever reason the candidate does not participate in the admission selection.

Registration to the selection consists of four steps:

1. Registration of personal data;
2. Login to the website through the appropriate link;
3. Online payment of the fee for the chosen competition;
4. Filling out the application form and uploading the required documentation.

Upon submitting the application, the candidate will receive a confirmation email.

Registration and application for the competition will open on 3:00 pm June 7th, 2024, and will close at 1:00 pm July 10th, 2024.

Please note that all time indications in this Call refer to the local time in Italy.

Please be aware that each candidate is responsible for the details s/he indicates during registration, application and enrolment procedures. In case of wrong, missing or untruthful data, the candidate will be excluded from the final ranking list and, therefore, from the

possibility to be enrolled. The University administration will perform random checks on the information provided by the candidates.

The application must be filled out and submitted using the electronic form provided through the link available after the registration of personal data. It is drawn up as a self-certification, pursuant to art. 46 and 47 of DPR 445/2000 and ss.mm. and is valid as such for all purposes of law.

The documents uploaded relating to the academic degree awarded, must be drawn up as self-certifications according to the relevant above-mentioned law.

In the application candidates will provide a description of their current research activities, their scientific interests and any information required in the online form. Under their own responsibility they must:

1) Declare:

- name and last name, tax code (for Italian or foreign candidates' resident in Italy) or passport number (for those non-residents in Italy), date and place of birth, permanent address, telephone, email address and citizenship and any other information requested;
- academic qualifications (Bachelor's and Master's degrees) awarded including the date and the University in which it was awarded. If the degree awarded abroad has already been declared equivalent to an Italian degree, candidates shall indicate the reference of the document attesting the equivalence.
- any enrolment in another degree in accordance with the provisions of Law No. 33 of April 12th 2022 and Ministerial Decree No. 930 of July 29th, 2022. In this case, the candidate must provide an appropriate self-certification indicating the degree in which he is enrolled, the year, the University of enrolment and the training program.
It is up to the Academic Board to assess the admissibility of double enrolment based on the cultural coherence of the two courses, on the time commitment and the distance between the locations.
- To not have renounced a fellowship funded by PNRR for the XXXVIII cycle (DM 351 and 352 /2022) and the XXXIX cycle (DM 117 and 118/2023).

2) Indicate:

- **ONLY for those entitled**, the preference for **PhS fellowships** and any interest (optional) for one of the project-based PhS two-year fellowships;
- **FOR ALL OTHER CANDIDATES**, any interest (optional) for only **ONE** three-years project-based fellowship. Please note that if you select a project grant, **this will be the first choice** (see also article 5.3):

Please also note that PhS two-year or three-years funded project-based fellowships can be assigned in the final ranking ONLY to those who selected them when submitting the current Call for Applications for admission (see also article 5.3).

- 3) Commit to immediately notify any change of permanent address and/or data in the first bullet point;
- 4) Declare to be aware that the admission to the PhD Course involves an exclusive, full-time commitment to the assigned research project, and declare to attend the educational and/or research activities of the International PhD Course in Molecular Medicine with full commitment.

The list of the projects for the academic year 2024/2025 is available on the UniSR website, at the following link: <https://www.unisr.it/en/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>

In the application, the candidate will also indicate up to two referees, as per article 5, letter c) of this Call.

Referees will receive an automatic email having attached:

- the form for the reference letter (**Annex 1**);
- the link to upload the letter.

The Referees must upload the reference letters (drawn up according to the form **Annex 1**) on the website through the link received via email, **within 2 days from the deadline for submission of application by the candidates, and then July 12th, 2024.**

Reference letters will be rejected if they are not drafted according to the form "**Annex 1**" or if submitted with methods different from the ones described above. Candidates will not be allowed to read their reference letters.

Applications that do not include letters of reference are also considered eligible for the selection process for the admission to the PhD course, but please be aware that the reference letters received will be relevant for the assessment.

Reference letters will not be viewable by the candidate.

Candidates are responsible for the data submitted. They can contact the referee(s) to request the letter and to check that it is submitted as required by this Call within the defined deadline.

The PhD Office will not solicit the submission of the letters.

The application (submitted through the electronic form) can be filled out either in Italian or English.

After submitting the online application, the candidate must upload the following documentation as single **PDF files** through the same online registration system:

- Duly signed application Form;
- A self-certification, according to the relevant DPR 445/00, of the Bachelor's Degree indicating the graduation mark or a copy of the diploma supplement issued by the University in which the degree was obtained accompanied by substitutive declarations of affidavit;

- A self-certification according to the relevant DPR 445/00, of the Master's Degree (according to both to old and new Italian University regulation) indicating the passed exams and graduation mark or a copy of the diploma supplement issued by the University in which the degree was obtained accompanied by substitutive declarations of affidavit
- Copy of a valid identity document;
- **ONLY for candidates admitted "sub condicione"**:
 - ✦ If not yet graduated when submitting the online application, a self-certification stating that all the exams required for graduation (Master's Degree) have been passed as well as the list of all exams taken including the relative marks and the **WEIGHTED AVERAGE** of all grades;
 - ✦ who have indicated their preference for the PhS fellowships, a document signed by the Director of the Residency Program that:
 - ◆ represents the authorization by the residency Program to participate in the competition for admission to the PhD Course;
 - ◆ certifies the research activity carried out by the candidate during the Residency Program;
 - ◆ prove to be aware that the matriculation of the candidate, who may be winner of a position, will be subject to the outcome of compatibility of the activities and commitment between the Residency Program and the PhD Course as provided by art. 7 paragraph 1 of Ministerial Decree 226 of 14/12/2021

This document must be drawn up using the **Annex 4** of this Call.

- **ONLY for candidates enrolled in the last year of a Residency Program**, a self-certification stating that they will finish the Program by February 28th, 2025
- **In the case of manuscripts accepted for publication but not yet available in the public databases**, letter of acceptance by the editors.

Moreover, candidates with a degree awarded abroad, which has not yet received a declaration of equivalence to an Italian degree, should submit with the application any document that may be useful for the Admission Committee to declare its equivalence, as set forth by article 2 of this Call.

Please use **Annex 2** of this Call to fill out **self-certifications**.

The following will not be accepted:

- Incomplete applications and/or submitted after the deadline will not be taken into consideration
- Certificates/Diploma Supplements unless the candidate provides a self-declaration which states that the copy complies with the original document.

- Self-certifications according to DPR 445/00 not duly signed.

In case a candidate attests other circumstances provided for by Articles 46 and 47 of Italian Presidential Decree no. 445/00, he shall avail himself of what is set forth in Italian Presidential Decree no. 445/00, as amended and integrated, governing substitute declarations by using **Annex 2**.

Candidates with disabilities, pursuant to Law no. 104 of February 5th, 1992, as well as candidates with temporary disabilities of any kind, can make an explicit request, in relation to their disability or incapacity, for the necessary aids, as well as to any additional necessary time to be able to take the test specified in this Call for Application.

Candidates falling within the scope of the Law no. 170 of October 8th, 2010, dealing with new rules on specific learning disabilities in the school environment, will be able to request the benefits provided by the Ministerial Decree no. 5669 of the Ministry of University and Research of July 12th, 2011.

These requests, duly accompanied by a specific medical certificate, must be sent to the e-mail address inclusione@univr.it by the deadline for the submission of applications set out in this Call.

It should also be noted that candidates diagnosed with specific learning disabilities, pursuant to law no. 170/2010, must attach suitable certification issued by National Health Service (NHS) structures or by specialists and structures accredited by the same, for no more than 3 years if carried out when underage.

The Inclusion Service will respond to each request to the candidate's e-mail address.

Article 4 Educational curricula.

This Call includes positions with and without a fellowship for the Curricula listed below.

- a) Cellular and Molecular Biology
- b) Basic and Applied Immunology and Oncology
- c) Experimental and Clinical Medicine
- d) Neuroscience and Experimental Neurology
- e) Gene and Cell Therapy

The description of each Curriculum is available on the website at the following link: <https://www.univr.it/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>.

Article 5 Procedure for the Admission to the PhD Course

Admission to the PhD Course consists in a two-stage comparative evaluation procedure as defined below.

For the purposes of the final ranking, up to 30 points out of 100 can be given in the first assessment phase for the candidates' qualifications, for the declaration of interest and

information on one's training and research experience as included in the application for admission to the competition and for the references. Up to 70 points can be given during the second assessment phase.

The final rankings will be published as indicated below and they will show the score, the name and surname and the birthdate of the candidates.

5.1. First assessment phase

This phase is carried out by the Committee, and it does not require the presence of the candidates. It concerns the evaluation of:

- a) The qualifications submitted:
 - curriculum vitae and other information in the electronic form;
 - degree (5-year degree, as per old Italian regulation, Bachelor's Degree or Master's Degree) and graduation marks (including BD);
 - any publication on international journals or submission of abstracts to conferences, as declared in the current Call for Application for admission
- b) The written dissertation describing the candidates' research interests;
- c) The reference letters submitted by recognised scientific or academic experts mentioned by the candidates in the application form. These authoritative personalities acknowledge the scientific qualities of the candidates by virtue of their institutional tasks (as per **Annex 1**).

Based on the documentation received and the preliminary assessment criteria, the Selection Committee will proceed with the comparative evaluation of the candidates and then will prepare the ranking of the first evaluation phase.

Only candidates who have obtained a score higher than or equal to 50% of the maximum score for the first evaluation of academic qualifications (30 points) will be admitted to the second phase, as per Art. 5.1, items a), b), c).

The ranking of the first phase of the selection will be published on the online Albo d'Ateneo [University Board], and/or on the University website (<https://www.unisr.it/en/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>) at least three days before the start of the second phase of the selection. The publication on the websites and/or boards shall be considered the official notice.

The candidates eligible for the second phase will have to choose one scientific publication, among the three selected by the Committee to discuss during the interview. These publications will be provided before the second evaluation phase.

Candidates who passed the first phase, must ABSOLUTELY send an email to ufficio.dottorati@unisr.it, within 5 days from the publication of the ranking, communicating the preference for at least 3 projects and up to 5, excluding any project-based fellowship selected at the time of submission of the application for admission to the competition and other projects

related to specific funded project-based fellowships as indicated in Article 1 of this current call for Application.

The list of the available projects is available at the following link: <https://www.unisr.it/en/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>.

After the publication of the list, and for information purposes only, candidates eligible for the second assessment stage will receive a communication to the email address indicated in the application form. Failure to receive the email will not be considered as an objection for the missed opportunity to participate to the subsequent assessment stages.

5.2. Second assessment phase

This phase consists in an interview held in English, eventually via video conference, with the Admission Committee. The assessment criteria used shall be those already established by the Committee.

The interview will mainly assess the general and specific competences, their motivation to pursue the PhD Course and their further professional research development; since it will be held in English, it also represents a language test.

During the interview the candidate will be asked to:

- Give a presentation about the research activity carried out before or after the Master's Degree.
- Discuss one of the three scientific publications provided by the Committee.

The interview focuses on assessing the candidate's ability to analyse data, knowledge of the technologies used and the research field and the ability to evaluate data in a given field.

During the interview the candidate will need to show one of the following identification documents: identity card, driving licence, passport or any other document issued by a state authority and provided for by law with a photograph and a stamp or another equivalent marking.

Candidates unable to take the second phase of the interview at UniSR can ask the Committee to hold the interview via videoconference. The Committee can authorize or deny the interview via videoconference.

At the end of the second assessment phase, the Admission Committee will draw up a final ranking based on a comparative assessment of the candidates and on the evaluation criteria previously established.

Candidates with a final score lower than 60% of the total score (100 points) will be considered non-eligible.

In case of equal qualification of two or more candidates, the younger candidate will be preferred. Fellowships will be assigned based on the personal financial situation, determined pursuant to art.8 comma 4 of D.P.C.M. 5/12/2013 n.159, to the candidate with the lower ISEE for services related to the PhD Courses (nucleo familiare ristretto). For the purposes of the ranking or in the case of equal ISEE, the younger candidate will be preferred.

The **FINAL** ranking will be published on the online Albo d'Ateneo [University Board], and/or on the University website (<https://www.unisr.it/en/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>). The publication of the final ranking on the websites and/or boards of the enrolment instructions shall be considered an official notice for all purposes.

5.3. Assignment of the positions

Positions are assigned based on the candidate's place in the **FINAL** ranking and of the preference expressed in the application form.

As per art. 11 paragraph 6 of DM 629/2024 and art. 8 paragraph 7 of Ministerial Decree 630/2024, fellowships founded by the aforementioned decrees, may not be awarded to those who have renounced a fellowship founded by the PNRR related to the XXXVIII cycle (DM 351 and 352 /2022) and the XXXIX cycle (DM 117 and 118/2023)

There will be only one **FINAL** ranking, which will be updated after each further withdrawal and/or forfeiture.

The publication of the **FINAL** ranking on the website or any updated rankings will be notified on the website.

Renouncing a project-based fellowship involves the definitive exclusion from the selection.

Renouncing a free fellowship

A candidate can decline a fellowship and maintain the position won only if the candidate already benefits from another type of scholarship (e.g. European research scholarships), or a research grant that guarantees the three-years coverage of the PhD scholarship. In this case the fellowship is assigned to the first eligible candidate for a position without fellowship.

At the time of publication of the **FINAL** ranking list, for information purposes only, the candidates who can proceed with the online enrolment will receive the communication also via e-mail to the e-mail address indicated at the time of submission of the application. Failure to receive the above e-mail cannot excuse a missed enrolment.

Fellowships are assigned on the basis of the place in the ranking and the preferences expressed in the application form. There are 2 different phases of attribution:

a) **First Phase:**

- Project-based fellowships (including the PNRR fellowships –Ministerial Decree no. 630 /2024) are assigned to the eligible candidates who have selected one in the application form;
- **3** two-year free fellowships PhS are assigned to candidates who be enrolled in the last year, in the A.Y. 2024/2025, of one of the Residency Programs of medical area reserved for M.D.s.

These positions will be assigned based on the order in the ranking of the candidates and the number of projects available in each Residency Program.

If all the projects offered by the Residency Program of the winner candidate have already been assigned, he will lose the position in the ranking.

The enrolment of the PhS position winners is subject to the positive outcome of the compatibility check by the Council of the Residency Program and by the Academic Board of the PhD Course.

Both decisions must be available for the PhD Office within 30 days of the publication of the **FINAL** ranking.

The resolution of the Council of the School of Specialization must be sent via PEC to the address procedureweb@pec.it **only and exclusively from a certified email address (PEC)** within the above terms.

It is the responsibility of the candidate to provide the decision of the Council of the Residency Program within the above deadline. If this decision is not made available within the above deadline, the candidate will forfeit the right to enroll.

Only in case of positive outcome of both evaluations, the candidate can proceed to registration.

In the event of a negative result, even if only one, the candidate who had applied for the PhS positions, will be excluded from the ranking and another candidate will take of the position, according to the order of the ranking.

The PhD Office will inform the candidates via PEC of the outcome of the compatibility check.

b) Second Phase

- 7 three-year free fellowships
- 5 positions without fellowship

In the second phase the number of candidates admitted will be equal to the number of available positions with three-year free fellowships and without fellowships. In this case, 12 positions as indicated in Article 1 of this call.

The assignment of positions is made according to the order of the ranking updated with the assignments of the previous phase and in case of renunciations/forfeiture.

The process to assign projects to candidates admitted in this phase is regulated by a specific procedure of the Doctoral Course which foresees that the admitted candidates meet the Supervisor of the projects they are interested in and declared after the admission to the second evaluation as per art. 5.3 of this call.

These interviews must take place within 2 weeks from the publication of the final ranking. The project must be assigned within one month from the publication of the final ranking.

The procedure will be available on the University website in the PhD Course pages.

If a candidate renounces the position, the next eligible candidate in the ranking will take over.

Once all fellowships are assigned, the **LAST** ranking is published. This includes the project assigned to each candidate.

The candidates of the first phase of awarding the fellowships, will have to proceed with the registration according to the procedures indicated in art.7 of this call, after the publication of the **FINAL** ranking or, in the case of winners of PhS positions from the date of the communication, received by the PhD Office, on the positive outcome of the compatibility checks of the Council of the residency Program and the Academic Board of the PhD Course.

The candidates winners of a position in the second phase of assignment, must proceed with the registration according to the procedures indicated in art.7 of this call after the publication of the ranking **LAST**.

After the deadlines for the enrollment, candidates who have not complied with the requirements will be considered renouncers. These candidates will be replaced by other candidates according to the order of the ranking. Also, these candidates must meet the deadlines previously mentioned as for the assignment of the projects.

Article 6 Admission Committees

Having consulted the Course Coordinator, the Rector appoints by Decree the Committee in charge for the comparative assessment of the Candidates.

The Committee is composed by the Course Coordinator or Vice-Coordinator and by up to twelve Members proposed by the Course Coordinator after having consulted the Curricula Coordinators.

If the number of candidates who have applied for admission to the course is large, the Committee could be divided into 2 or more subcommittees for the second evaluation phase.

Article 7 Instructions to enroll in the courses

Within two days following the date of:

- the publication of the **FINAL** ranking for candidates who won a position with the first phase of assignment;
- the communication from the PhD Office on the positive outcome of the compatibility checks, as per art. 5.3 of this call, in the case of PhS position winners;
- the publication of the **LAST** ranking (for candidates who won a position with the second phase of assignment).

Selected candidates will have to formalize the enrollment through their own dedicated reserves area, in the appropriate page of UNISR website, using the login credentials received during the online Registration (<https://univr.esse3.cineca.it/Home.do>).

All candidates will have to complete the enrollment procedure within the second day from the online enrollment.

Candidates who will have to proceed with the registration will receive, for information purposes

only, a specific communication via e-mail to the e-mail address indicated during the submission of the application. Failure to receive this email message will not be considered as an objection for the missed enrolment to the PhD.

If the candidates do not proceed with online registration within the deadline or do not finalize the registration within the above deadline, they will be deemed renouncer and will lose their right to enroll.

By filling out the online application, candidates will also declare:

- To be enrolled in no Residency Program, with exception of the medical area Residency Programs for MD's, within the limits set by Art. 23, of the current Regulation for PhD Courses, or alternatively to be enrolled in the last year of the Residency health area program reserved for doctors and to obtain the degree by February 28th, 2025
- To be aware that the admission to the PhD Course demands an exclusive, full-time commitment to the assigned research project and to attend the educational and research activities necessary to carry out the International PhD in Molecular Medicine with full commitment;
- To be awarded no other fellowship for a PhD Course;
- To receive no other fellowship granted for any reason, with exception of those granted by Italian or foreign institutions that are intended to integrate the PhD student research activity abroad.

Candidates who completed the online enrollment will have to complete the enrollment procedure within two days from the online enrollment. They must log again into the reserved personal area, and, from the Menu, they must select "enrollment", then click on the link "Upload the documents to complete the online enrollment", and so upload the following documents with the following documents:

1. The Enrollment Request form that can be downloaded at the end of the online enrollment procedure, duly filled out and signed;
2. A copy of the receipt of the payment of the first installment of the yearly tuition fee for the admission and the attendance at the course (please refer to Art. 11 below). The payment should be made with the online MAV that the candidate can download at the end of the online enrolment procedure; PhS position winners are excluded, as per art. 11 of this Call.
3. A formal acceptance letter by the Head of the laboratory;
4. Photocopy of both sides of the identity document;
5. The additional documentation asked by the PhD Office as required by the University procedure as far as the management of PhD courses
6. The documents, that candidates admitted to the selection "sub condicione," were not able to submit during the application for the admission to the competition (see Art. 2 herein).

After the upload of the documents, the candidate must click on the "Confirm and Close" button, and the PhD Office will provide the confirmation of the enrolment within the next 2 working days.

If the candidate does not proceed with the upload of the documents or does not proceed with the payment of the first fee instalment and contributions, within 2 days after the online registration, he will be deemed renouncer and will lose their right to enroll, the justification for the delay will assume no relevance. This vacancy will be available for other candidates according to the order of the ranking of admitted candidates and in accordance with the procedures set forth in Article 5.3 above.

The beginning of the PhD and/or the payment of the first monthly fellowship may be postponed, with respect to what is communicated by the PhD Office, only for justified and verifiable reasons.

Residents who win a PhS position or a three-year fellowship, enrolled in the last year of a Residency Program and to obtain the degree by February 28th, 2025, must enroll online, complete the enrolment following the modality and deadlines and send the documents enlisted at points 1) to 6) of this article with the same deadlines but the PhD will begin:

- on the same day when the final year of the Residency Program starts;
- at the end of the Residency Program for those enrolled in the last year, that will obtain the degree by February 28th, 2025, and won a three-year fellowship.

Only for those winners of these positions, failure to obtain the Residency Program degree in the stated/expected time implies the forfeiture of the status of PhD student.

Non-Eu candidates awarded with a position and applying for a Visa will have to:

- enroll online as indicated in the present article;
- complete the enrolment within the two subsequent working days and submit the documents as indicated at point 1) and 6).

The PhD Office will consider the enrolment procedure completed once the candidate provides proof of obtaining a Visa. This must occur within five months from the online enrolment. Failure to meet this deadline will lead to the loss of the position awarded.

For winners of positions funded in the context of EU funds from PNRR allocations, the PhD course must start absolutely by December 13th, 2024, as indicated in the Article 8 paragraph 25 of DM 630/2024 and Article 11 paragraph 24 of DM 629/2024.

Regarding the prerogatives of the public employees admitted to the PhD program, please refer to the current legislation and the Regulations for PhD Courses of UniSR.

Article 8 Awarding of the PhD title

PhD students can take the final examination to obtain the title after the end of the legal duration of the PhD Course, equal to 3 years or after the expiration of any extension period requested and authorized, pursuant to the University Regulations.

The procedures to obtain the degree are detailed in the University Regulations governing the PhD Courses and, in the Course, operating procedures.

Article 9 Obligations and rights of the PhD students

Every year an educational program is established for each Curriculum. Such program provides theoretical and/or practical courses, lessons and seminar activities held by experts that may or may not belong to the PhD Committee.

Without prejudice to the PhD students' rights, pursuant to the regulations in force, the PhD Course demands an exclusive, full-time commitment to the assigned research project, and the PhD students will attend courses, seminars and workshops, as indicated in the University regulation concerning the PhD Courses and as indicated by each curriculum. The participation and attendance to these activities will be certified.

As required by Ministerial Decree 226/2021, the winners of one of the **PhS fellowships** will be enrolled in the last year of the Residency Program of medical area reserved for M.D.s and in the first year of the PhD at UniSR. That means that students will be enrolled in the PhD Course for 3 years, but the period dedicated exclusively to the PhD will be reduced to 2 years.

All PhD students will undergo a yearly examination aimed at certifying the completion of all the activities scheduled for the ending year. As indicated in the University procedures for the management of PhD Courses, the renewal of the fellowships is subject to the positive result of this examination. The management procedures of the annual assessment are detailed in the University regulation concerning the PhD course.

If the candidate awarded with a **PhS fellowship** fails to pass the yearly exam at the end of the first year and/or he does not obtain the Residency title he will be excluded from the status of PhD student.

In addition to what is established in case of failure to pass the yearly examination and upon advice of the PhD committee, the Course Coordinator can propose a temporary suspension for the PhD student or his/her exclusion to the Rector. This must occur with a justified deliberation and after consulting the interested person. It must be the consequence of unjustified or prolonged absences or infringement of the regulations governing the access to the laboratories or to those indicated in the University Regulations governing the PhD Courses or in the UniSR Disciplinary Regulations.

Only during the legal duration of the Course, students have the right to attend educational and research activities at scientific institutes or laboratories, even abroad, according to the rules and timing established by the Supervisor and, anyway, for a maximum 12 months, except in the case of a thesis in cotutelle where this period can be extended to 18 months.

The fellowships financed in the context of DM 630 and 629 of 24th April 2024, as per art. 1 of this call, provide:

- a mandatory period of study and research in the enterprise from 6 to 18 months as indicated by art. 7 of the DM 630/2024 or from 6 to 12 months as indicated by art.7 to 10 of DM 629/2024;

- a mandatory period of study and research abroad from 6 to 12 months as indicated by art. 7 of DM 630/2024 and art.7 to 10 of DM 629/2024.

The projects related to this funding and available on the UniSR website include details on the timing.

The Curriculum Coordinator has the responsibility to explain to the PhD Students their duties and rights.

Article 10 Fellowships

The yearly amount of:

- the fellowship is €18,000.00.

The duration of this kind of fellowship is three years. However, it is renewed yearly upon successful completion of the annual examination. The PhD student must have completed all the activities planned for the previous year, pursuant to the procedures set by the University Regulation for PhD Courses.

- the **PhS fellowship** is € 22.176,00. Students awarded these positions will receive the PhD fellowship starting from the second year of enrollment as, according to the regulations of the first year of joint attendance, the student can only receive the Residency Program's fellowship.

The fellowship lasts two years, however it is renewed on a yearly basis. The fellowship will be paid upon successful completion of the examination, if the PhD student has completed all the activities scheduled for the previous year, pursuant to the the PhD Courses operating procedures.

Both these fellowships are subject to the INPS [Italian Social Security] separate management contribution, according to the regulations in force.

All PhD students (including those without a fellowship) may apply for a budget for periods of research to be carried out abroad.

PhD students awarded with a three-years fellowship who spend a research period abroad will have their fellowship increased by 50% for a maximum of 12 months.

PhD students awarded with a two-year fellowship (PhS fellowships) who spend a research period abroad will have their fellowship increased by 50% for a maximum of 8 months.

As for PhD students without fellowship, the amount is based on the duration of the research period and on the Curriculum. The grant must be used as a refund for travel expenses.

Each year excluded any period of extension, all PhD students are granted a budget covering research activity in Italy and abroad, in addition to the scholarship and based on the available financial resources. The said budget shall be adequate to type of course and shall amount to at least 10% of the fellowship. For PhS students, this budget is guaranteed only for the second and third year.

Budget not used within the legal duration of the Course may not be used during the possible period of extension or in the time between the end of the legal duration of the Course and the achievement of the title.

Fellowships cannot be combined with other fellowships, granted for any reason, with exception of those granted by Italian or foreign institutions that are useful to integrate the PhD student research activity by means of periods abroad.

Since the enrolment in the PhD Course demands an exclusive, full-time commitment to the assigned research project, it is not compatible with full-time collaborations (both permanent and fixed-term contract). Other different employment contracts will be evaluated by the Course PhD committee or by the Course Coordinator delegated for this purpose.

Furthermore, the fellowship cannot be combined with other research grants.

The fellowship starts upon the effective start of attendance except different received or agreed indications approved by the PhD Office.

The payment of the fellowship is made in deferred monthly instalments.

Those who have previously attended (even at another University) a PhD Course receiving a fellowship and eventually obtained the title, may be admitted to a new Course not covered by a fellowship, after passing the Assessment phase. On the contrary, those who have previously attended (even at another University) a PhD Course receiving a fellowship without eventually obtaining the title, may be admitted to a new Course covered by a fellowship, after passing the Assessment phase. The fellowship, upon presentation of appropriate documentation proving the partial receipt of the fellowship for the PhD Course previously attended, will be re-proportioned on the basis of the difference between the legal duration of the Course and the monthly amount already received.

Benefits (regional fellowships for PhD Students without a fellowship or research fellowship) will be implemented in accordance with what is provided by the Decree of the President of the Council of Ministers of April 9th 2001 – “Uniformity of treatment as regards the right to attend university studies”, pursuant to Art. 4 of Law no. 390 of December 2nd 1991, as amended by Italian Legislative Decree no. 68 of March 29th 2012, and the resolutions of the Regione Lombardia [Lombardy Region].

The fellowships are IRPEF [personal income tax] exempt, pursuant to Art. 4 of Law no. 476 of August 13th, 1984.

Article II Contributions to access and attend courses

All PhD students are bound to pay €1,640.00 for insurance against accidents and third-party liability, duty stamp, regional tax and contributions for the admission to and the attendance at the courses.

During the joint year between the Residency Program and PhD, the students with a PhS fellowship pay only the fees required for the enrollment and attendance at the Residency Program. The 2nd and 3rd year students are instead required to pay the fee for students enrolled in the PhD Course.

The sums to be paid may be subject to change at the time of enrolment in the following years.

The fees are to be paid in two installments that are divided as follows **for the first year**:

- The first payment is € 900 to be paid at the time of enrollment;
- The second payment is € 740 to be paid by February 28th, 2025.

Article 12 Processing of personal data

Pursuant to CE Regulation no. 679 of the European Parliament and the Council of 27th April 27th, 2016, concerning the protection of individuals with regard to the processing of personal data, and in accordance with the free circulation of such data and Legislative Decree no. 196 of 30 June 2003, University commits to guarantee the confidential nature of the information provided by the candidates. All personal data provided will be processed only for the purpose of the selection and for possible management of the relationship with the University, in accordance with the regulations in force.

Those who apply for admission to the PhD Program, pursuant to this call, are required to read the information on the processing of personal data (**Annex 3**) which describes the information collected, the reasons for the processing of personal data and candidate rights.

Article 13 Reference regulations

For anything that is not covered by this Call for Applications, reference is made to Italian Ministerial Decree no. 226 of 14/12/2021 ("Regulations on the methods of accreditation of the PhD Courses and sites and criteria to be followed by the accredited bodies to start PhD Courses"), to the Regulation for PhD Courses of the Vita-Salute San Raffaele University, as applicable, and to the laws and regulations governing PhD Courses.

This Call for Applications, drafted in Italian and English, has been published on the online noticeboard of the University, on the European website Euraxess, and on the website of the Ministry, the online Albo d'Ateneo and/or the University website (<https://www.unisr.it/en/offerta-formativa/medicina-chirurgia/post-lauream/dottorato-medicina-molecolare>).

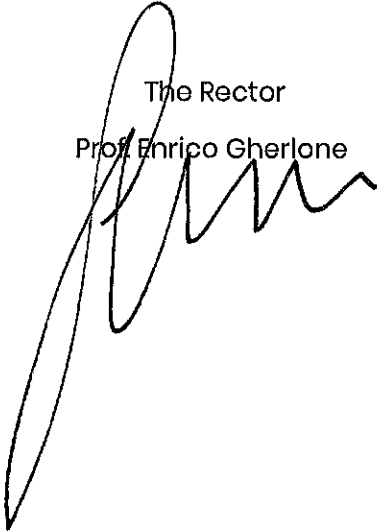
Please be advised that the Italian version of this Call for Applications is the only legal means of communication of the relative contents and in case of dispute, the Italian version shall prevail

Article 14 Person in charge of the procedure

Pursuant to Law no. 241 of 07 August 1990, as amended and integrated, the person in charge for the administrative procedure for this call is Dr Cristina Cerutti – PhD Office –Vita-Salute San Raffaele University, via Olgettina 58, 20132 Milan - Italy.

Milan, June 3rd, 2024

The Rector
Prof. Enrico Gherlone



Lettera di referenza / Reference letter

ALLEGATO 1/ ANNEX 1

La presente lettera può essere compilata in italiano o in inglese/
This reference letter may be filled out in Italian or in English

Riferimento del Candidato/a e del Referente Applicant and Referee details	
Nome del Candidato <i>Name of Applicant</i>	
Corso di Dottorato per cui ha presentato domanda <i>PhD Course for which the applicant has applied</i>	Corso di Dottorato di Ricerca Internazionale in Medicina Molecolare International PhD Course in Molecular Medicine
Nome del Referente <i>Name of Referee</i>	Titolo Title
Affiliazione <i>Institution / Organisation</i>	
Email	
Phone	

Reference for UniSR graduate application						
<i>Il Coordinatore del Corso di Dottorato apprezzerrebbe una sua valutazione del candidato</i> <i>The Coordinator of the PhD Course will appreciate your evaluation of the applicant's capacity.</i>						
Per quanto tempo ha supervisionato il Candidato/a <i>How long have you known the applicant?</i>						
In quale veste ha conosciuto il candidato <i>In what capacity have you known the applicant?</i>						
Per favore, valuti il Candidato confrontandolo con altri studenti da lei supervisionati (laureandi dal vostro istituto o attuali studenti senior presso l'istituto): <i>Please rate the applicant in comparison with other students known to you (either undergraduates from your institution or current senior students at your institute):</i>						
ATTITUDINE ALLA RICERCA/RESEARCH SKILLS	Top 2%	Top 5%	Top 10%	Top 25%	Top 50%	Bottom 50%
Potenziale Accademico / Academic potential						
Capacità di ragionare in modo indipendente: creatività, curiosità, fiducia nelle proprie idee <i>Intellectual independence: creativity, curiosity, self-confidence</i>						
Capacità di giudizio: capacità di valutare una problematica, consapevolezza, determinazione <i>Capacity for analytical thinking: ability to analyse a problem, consciousness and determination.</i>						
Attitudine alla ricerca: capacità pratiche e di comunicazione <i>Research skills: bench work, scientific communication</i>						
Motivazione / Motivation for graduate study						
SOCIALE/SOCIAL	Top 2%	Top 5%	Top 10%	Top 25%	Top 50%	Bottom 50%
Maturità / Maturity						
Affidabilità: senso di responsabilità <i>Reliability: dependability and responsibility</i>						
Capacità di lavorare in gruppo <i>Ability to work with others</i>						
Note: Non compilare se impossibilitati ad esprimere un giudizio <i>Note: leave blank if unable to assess</i>						

Firma/Signature:

Data / Date:

Lettera di referenza /Reference letter

ALLEGATO 1/ ANNEX 1

La presente lettera può essere compilata in italiano o in inglese/
This reference letter may be filled out in Italian or in English

Per favore, scriva un giudizio sul Candidato/a e sull'esperienza nell'ambito della ricerca (se preferisce può scrivere una lettera su carta intestata e allegarla al presente modulo)

Please write an assessment of the Candidate and his/her research activity (you may write a separate letter and attach it to this form):

Firma/Signature:

Data / Date:

La ringraziamo per la sua valutazione

Thank you for completing this evaluation.

Per favore, inviare la valutazione entro il 12 luglio 2024.

*Please return this form **by July 12th, 2024.***

La valutazione deve essere caricata sul sito tramite il link ricevuto via e-mail.

You must upload the reference letter on the website through the link received in the email.

ALLEGATO 2/ ANNEX 2

DICHIARAZIONI SOSTITUTIVE DI CERTIFICAZIONI/ *Substitute declarations of certification*
(art. 46 D.P.R. n. 445/00)
(art. 46 of Italian Presidential Decree no. 445/00)

DICHIARAZIONI SOSTITUTIVE DELL'ATTO DI NOTORIETÀ/ *Substitute declaration of affidavit*
(art. 47 D.P.R. n. 445/00)
(art. 47 of Italian Presidential Decree no. 445/00)

La presente domanda può essere compilata in italiano o in inglese/ This application may be filled out in Italian or in English.

Il/La sottoscritto/a / *The undersigned*

Cognome/Last name

Nome/Name

Codice Fiscale/n° Passaporto (Tax Code/Passport Number).....

Nato a/Place of birth (prov./province ...) il/on Sesso/Gender ...

Attualmente residente a /Currently resident at (prov./province ...)

Indirizzo / Address n./Street Number C.a.p./Postcode

Telefono/Phone number, prefisso/dialling code..... Numero/Number

consapevole che le dichiarazioni mendaci sono punite ai sensi del Codice Penale e delle leggi speciali in materia, secondo le disposizioni richiamate dall'articolo 76 del D.P.R. 445 del 28 dicembre 2000 / *being aware that false declarations will be subject to the penalties set out by the Italian Civil Code and the relevant Italian laws governing this subject matter, according to Art. 76 of Italian Presidential Decree no. 445 of 28 December 2000*)

Dichiara/ Hereby declares:

.....
.....
.....

Il sottoscritto dichiara di avere letto l'informativa di cui all'art. 13 del Regolamento CE n. 679 del Parlamento Europeo e del Consiglio del 27 aprile 2016 e del D.Lgs. 30 giugno 2003, n. 196 e resa nel bando di concorso ed esprime il proprio consenso affinché i dati personali e sensibili forniti possano essere trattati con le modalità e per le finalità ivi indicate/ *I hereby declare to have read the information under the art. 13 of CE Regulation n. 679 dated April 27, 2016 and the Italian Law Decree no. 196/03 and indicated in the call for applications, and hereby agree to the processing of my personal and sensitive data according to the methods and for the purposes described therein.*

Data/Date

Il dichiarante/Signature.....

ALLEGATO 3/ANNEX 3

PRIVACY POLICY

Università Vita-Salute San Raffaele, with registered office located in Milan, Via Olgettina no. 97187560152 (hereinafter referred to as "**UniSR**") undertakes to constantly safeguard the privacy of the data subjects. This information notice is aimed at disclosing the privacy policy implemented by UniSR in order to: **(i)** explain to the data subjects the terms and conditions pursuant to which their personal data are processed; and **(ii)** allow the data subjects to provide their explicit and conscious consent to the processing of their personal data. The above in compliance with the provisions set forth under both Article 13 of the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (hereinafter referred to as "**Regulation**") and the Italian Legislative Decree 30 June 2003, no. 196 (hereinafter referred to as "**Privacy Code**").

The information and the personal data supplied or otherwise collected shall be processed in accordance with the provisions of both the Regulation and the Privacy Code and in compliance with the confidentiality obligations inspiring UniSR activity.

According to the provisions of both the Regulation and the Privacy Code, any processing of personal data carried out by UniSR shall be lawful, fair and transparent and shall be consistent with the following principles: limitation of scopes and conservation, minimization of data, exactness, integrity and confidentiality.

DATA CONTROLLER AND DATA PROTECTION OFFICER

The controller of the personal data is Università Vita-Salute San Raffaele.

According to **(i)** Article 37 of the Regulation and **(ii)** the CODAU Guidelines, by resolution of the Board of Directors dated 22 January 2018, UniSR appointed GSD SISTEMI E SERVIZI S.C.A.R.L., with registered office located in Milan, Corso di Porta Vigentina no. 18, VAT no. 06959200962 (hereinafter referred to as "**GSD**"), as data protection officer (hereinafter referred to as the "**DPO**").

The professional indicated by GSD for the purposes of the carrying out of the DPO activities is Dr. Francesca Pierangelo.

The DPO is available for any information regarding the data processing carried out by UniSR.

The contact details of the Data Processor and of the DPO are the following

e-mail Titolare : titolare.privacy@univr.it;

e-mail RPD: privacy@univr.it

CATEGORIES, NATURE AND PURPOSES OF THE PROCESSED DATA

The personal data collected by UniSR for institutional purposes - ID data, contact data, scholarship data, carrier data, economic data, sensitive and judicial data - will be processed for institutional purposes only, including the possible publication of the personal data on UniSR website, for the purposes of all fulfilments imposed to UniSR by any applicable laws in compliance with the Regulation and the Privacy Code as well as with the aforementioned principles of limitation of scopes and conservation, minimization of data, exactness, integrity and confidentiality in connection with the purposes for which such data are processed.

The personal data could be also processed for historic, statistic, scientific purposes in compliance with any applicable laws and deontological code.

As per the so called sensitive data (*id est* personal data allowing the disclosure of racial or ethnic origin, religious, philosophical or other beliefs, political opinions, membership of parties, trade unions, associations or organizations of a religious, philosophical, political or trade-unionist character, as well as personal data disclosing health and sex life) and judicial data (*id est* personal data disclosing the measures referred to in Section 3(1), letters a) to o) and r) to u), of Presidential Decree no. 313 of 14 November 2002 concerning the criminal record office, the register of offence-related administrative sanctions and the relevant current charges, or the status of being either defendant or the subject of

investigations pursuant to Sections 60 and 61 of the Criminal Procedure Code) within the employment relationship UniSR may collect any of the following data:

- a) data regarding students and/or their relatives affected by any handicap or economic data for the purpose of any control and/or granting of any benefit provided under applicable laws and/or management of extraordinary contributions;
- b) data concerning the status of refugee;
- c) data concerning pregnancy for academic purpose and for the purpose of the granting of any benefit provided under applicable laws;
- d) personal data allowing the disclosure of political opinions, membership of parties, trade unions, associations or organizations of a religious, philosophical, political or trade-unionist character,
- e) sensitive and judicial data concerning disciplinary proceedings against students;
- f) data regarding handicap;
- g) data regarding health necessary for any eligibility evaluation of the students, also through specific medical visits, and for safety measures.

The sensitive and judicial data referred to above, regarding academic activities and the inscriptions of students collected from the data subject or from third parties, shall be processed through paper and electronic support.

Please find below the main legal provisions justifying the data processing of sensitive and judicial personal data: Royal Decree no. 1592/1933 and subsequent amendments; Royal Decree no. 1269/1938 and subsequent amendments; Presidential Decree no. 382/1980; Law no. 168/1989; Law no. 398/1989; Law no. 341/1990; Law no. 390/1991; Law no. 104/1992; Ministerial Decree no. 224/1999; Italian Legislative Decree no. 445/2000; Law no. 148/2002; Ministerial Decree no. 270/2004; Presidential Decree no. 334/2004; Ministerial Decree no. 142 of 25/3/1998 and Law 24 giugno 1997, no. 196; Presidential Decree 9 April 2001; Law no. 14 February 2003, no. 30; *Contratto Istituzionale Socrates Erasmus*; By-laws, UniSR Regulations; Regional Laws in force.

MANDATORY COLLECTION OF PERSONAL DATA

Within the aforementioned principles of limitation of scopes, conservation and minimization of data, please be informed that the collection of personal data is mandatory for the purpose of the relationship with UniSR.

PROCESSING

Personal data are processed with both handwriting and electronic systems, in strict compliance with the scope of the processing, through adequate safety measures and for the period provided under applicable laws.

TRANSFER OF PERSONAL DATA

In compliance with the aforementioned principles of lawfulness, fairness and transparency, limitation of scopes and conservation, minimization of data, exactness, integrity and confidentiality, the personal data collected by UniSR could be transferred to third countries, including extra UE countries.

In such cases UniSR undertakes to preliminary verify and impose to the third subject to which the personal data should be transferred the compliance with the principles and the applicable provisions pursuant to the Regulation and the Privacy Code. To such purpose UniSR could impose to the third subject to which the personal data are transferred to sign a specific deed of appointment in accordance with Article 29 of the Privacy Code and Article 28 of the Regulation.

PERIOD OF DATA COLLECTION

Within the GDPR, art. 5, comma 1, lett. e), personal data will be collected in a form that allows the identification of the subject for a period of time not exceeding the achievement of the purposes for which the data are processed or according to the deadlines set by laws. The verification on the obsolescence of the data stored in relation to the purposes for which they were collected is carried out periodically, under the supervision of the Data "Titolare".

RIGHTS OF THE DATA SUBJECT

At any time you are entitled to ask UniSR to have access to your personal data, to modify or cancel the same or to object to their processing according to Article 20 of the Regulation. You are further entitled to request for a restriction of processing according to Article 18 of the Regulation, and for the portability according to Article 20 of the Regulation.

Any request should be addressed in writing to the Data Controller and the DPO.

You are always entitled to make a claim before the competent supervisory authority (*Garante per la Protezione dei Dati Personali*) according to Article 77 of the Regulation, should you consider any data processing being in breach of the applicable laws.

ALLEGATO 4/ ANNEX 4

Io sottoscritto _____, In qualità di
Direttore della Scuola di Specializzazione in _____, sede

dichiaro:

- di essere a conoscenza che il/la dott./dott.ssa _____ presenterà domanda di ammissione al Corso di Dottorato di Ricerca Internazionale in Medicina Molecolare presso l'Università Vita-Salute San Raffaele (di seguito UniSR);
- di essere a conoscenza che la frequenza congiunta Corso di Dottorato-Scuola di Specializzazione implica che il/la dott./dott.ssa _____ impieghi almeno il 50% del tempo per lo svolgimento del suo progetto di dottorato presso UniSR/IRCCS OSR;
- che il/la dott./dott.ssa _____ ha svolto la seguente attività di ricerca durante la Scuola di Specializzazione:

(max 500 caratteri)

- di essere a conoscenza del fatto che, qualora il candidato dovesse risultare vincitore di una posizione presso UniSR, la finalizzazione dell'immatricolazione sarà subordinata all'esito positivo della verifica di compatibilità da parte del Consiglio della Scuola di Specializzazione e da parte del Collegio Docenti del Corso di Dottorato. Tali delibere devono essere nella disponibilità dell'Ufficio Dottorati entro 30 giorni dalla pubblicazione della graduatoria **FINALE** pena la decadenza del candidato dal diritto ad immatricolarsi.
- di impegnarmi a fornire la delibera del Consiglio della Scuola di Specializzazione di cui sopra entro le tempistiche indicate.

Data _____

In fede

Nome Cognome:

Firma _____