







Amministrazione centrale Area Ricerca e Trasferimento Tecnologico Settore Dottorati, Assegni e Borse di Ricerca

D.R. Rep. n. 1439/2022 - Prot. n. 125761 Attachments 2

of 28/10/2022

Year 2022 Tit. III Cl. 6 Fasc. 7

PUBLIC COMPETITION FOR ADMISSION TO CYCLE XXXVIII - Ph.D. COURSES - ACADEMIC YEAR 2022/2023

THE RECTOR OF THE UNIVERSITY OF L'AQUILA

IN FORCE OF law n. 168, May 9, 1989, concerning the establishment of the "Ministero dell'Università e della Ricerca Scientifica e Tecnologica";

IN FORCE OF law n. 476, August 13, 1984, establishing rules on university scholarships;

IN FORCE OF law n. 398, November 30, 1989, establishing rules on university scholarships;

IN FORCE OF article n. 4 of law n. 210, July 3, 1998, which provides that the universities, with their own regulation establish their Ph.D. schools;

IN FORCE OF article 19 of law n. 240, December 30, 2010;

IN FORCE OF D.P.C.M. of April 9, 2001 "Disposizioni per l'uniformità del trattamento sul diritto agli studi universitari" according to article n. 4 of law n. 390, December 2, 1991;

IN FORCE OF legislative decree n. 68, March 29, 2012;

IN FORCE OF law n. 232, December 11, 2016, and, in particular clause 262, which establishes that "For Ph.D. students, not scholarship holders, tuition fees are waived";

PURSUANT TO DD. MM. 509/1999 e 270/2004 which provides rules about the didactic autonomy of Universities;

PURSUANT TO D.M. n. 226 of December 14, 2021 "Regolamento recante modalità di accreditamento delle sedi e dei corsi di dottorato e criteri per la istituzione dei corsi di dottorato da parte degli enti accreditati";

PURSUANT TO D.M. n. 247 of February 23, 2022 which restated the gross annual amount of Ph.D. scholarships;

PURSUANT TO the rules for the admission of foreign students to the university course published on MIUR web site;

PURSUANT TO the Regulation of the Ph.D. Schools of the University of L'Aquila, renewed by Rectoral Decree n. 787/2022 of 2022, June 1^{st;}

HAVING REGARD TO Ethical Code and "Codice di Comportamento" of University of L'Aquila issued by D.R. n. 734/2020 of July 27, 2020;

HAVING REGARD TO the minutes of the Academic Senate meeting of 19/05/2022;

HAVING REGARD TO the minutes of the Board of Administration meeting of 19/05/2022;









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HAVING REGARD TO the public competition, based on qualifications and examinations, issued by D.R. n 956/2022 of 13/07/2022, published in the Official notice board of the University and in the University website of 13/07/2022 with which public competitions were held for admission to PhD courses - XXXVIII cycle;

HAVING REGARD TO the D.R. Rep. n. 1213/2022 of 27/09/2022, published on the same date, for the approval of the competition documents and declared the winners of the competition for admission to the PhD course in Clinical Medicine and Public Health - XXXVIII cycle;

HAVING AKNOWLEDGE that the scholarship funded by the project "Vitality - Ecosistema innovazione, digitalizzazione e sostenibilità per l'economia diffusa nel Centro Italia " (ECO-1) was not awarded;

HAVING REGARD TO the note from the Coordinator of the PhD Course in Clinical Medicine and Public Health dated 04/10/2022, acquired from prot. n. 118829 of 12/10/2022, which asks to call a new public competition, for the assignment of the aforementioned scholarship;

HAVING REGARD TO the D.R. Rep. n. 1197/2022 del 23/09/2022, published on the same date, for the approval of the competition documents and declared the winners of the competition for admission to the PhD course Health and environmental sciences, - XXXVIII ciclo;

HAVING AKNOWLEDGE that the scholarship funded by the project "Vitality - Ecosistema innovazione, digitalizzazione e sostenibilità per l'economia diffusa nel Centro Italia " (ECO-1) was not awarded;

HAVING AKNOWLEDGE that the winner of the scholarship funded by the Istituto Superiore di Sanità on the research topic "Identification and characterization of new molecular pathways in undiagnosed diseases" has tacitly renounced it;

HAVING REGARD TO the resolution of the Board of Professors of the PhD Course in Health and environmental sciences, of 12/10/2022 - prot. n. 1193391 of 13/10/2022, which asks to call a new public competition, for the assignment of the aforementioned scholarships;

HEREBY DECREES ART. 1 Public selection

- 1. Public competition procedures based on qualifications and examinations for admission to the Ph.D. Courses in:
- Clinical medicine and public health;
- Health and environmental sciences.

The courses' duration is three years and the activities will start by 31 December 2022.

2. The forms attached to this announcement and which form an integral part of it, indicate the places and scholarships available, the curricula, the research topics, the methods and criteria for selecting candidates.









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3. The places and scholarships may increase if further funding becomes available, without prejudice to the terms for submitting the application for admission indicated in the following art. 3.

ART. 2 Requirements for Access

- 1. Those who, at the expiry of the deadline for submitting the application for admission, are in possession of one of the following qualifications can participate in the selection, without age or citizenship restrictions:
- a) master's or specialist degree;
- b) degree from the system prior to the Ministerial Decree n. 509/1999 (old system);
- c) second level academic qualification issued by institutions belonging to the AFAM (Higher Artistic and Musical Education) sector;
- d) qualification obtained abroad, recognized as equivalent to the aforementioned second level academic qualifications.

The academic qualification held by the candidate must refer to a course with a duration of at least 4 years and allow the access to a Ph.D. course in the country in which it was awarded.

Candidates holding a foreign Degree who have not as yet obtained certified equivalency required for the admission to the Ph.D. course, must include the following documents in their application (necessary for the Examination Commission to evaluate the Degree as conforming to requirements):

- a copy of the Degree certifications obtained (Bachelor e Master Degree), with a transcript of records of the exams taken and an Italian or English translation provided by the applicant under his/her responsibility;
- any other documentation deemed useful for the qualification assessment (Diploma Supplement, declarations etc...).

Eligibility of the qualification will be verified by the Course's Admission Committee and will only be granted for the sole purpose of admission to the chosen Ph.D. course.

- 2. Candidates already in possession of the Ph.D. title obtained in the national territory can participate in the selection exclusively for places not covered by a scholarship.
- 3. Students enrolled in medical specialization schools can participate in the selection only if in the academic year 2022/2023 they are enrolled in the last year of that school.
- 4. Candidates who, on the expiry date of this announcement, do not possess the requisites referred to in paragraph 1, will be admitted to the selection with reserve. The qualification required for access to PhD courses must be achieved by the completion date of the enrollment, and in any case no later than the start date of the course.

ART. 3 Applications, terms and conditions

1. The application form may only be submitted using the dedicated online procedure, available at: https://pica.cineca.it/univag/secondodott38 Applications must be submitted no later than the November 28, 2022 at 5 p.m. (CEST).









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The application must be signed, missing the signature the application will be rejected.

There are 3 methodologies to sign it and the candidate must select one of them and read carefully they directions.

- By digital signature using smart card, USB token or remote signature which allow the owner to sign general documents by means of a signature software or a Remote Signature web portal made available by the Auditor. Those who have a Digital Signature smart card or USB token shall verify that they are compatible with the Digital Signature system integrated in the system server. If so, the owner may sign the application directly in the system server (e.g. ConFirma);
- Those who do not have compatible digital signature devices and the Remote Digital Signature Owners who may access a web portal for signing general documents shall save in their own PC the .pdf file generated by the system and, without modifying it, digitally sign it in CAdES format. A .p7m file will be generated, which shall be saved and uploaded again in the system. Any editing to the file before signing with the Digital Signature shall interfere with the automatic check of correspondence between the content of such a document and the original, and this will bring to the application exclusion;
- If none of the above-mentioned options can be used candidates shall save in their own PC the .pdf file generated by the system and, without modifying it, print and sign it with full original signature in the last page of the printed document. A scanned .pdf copy of such a document shall be produced and the file thus obtained shall be uploaded to the system.

In case the access to the platform is via SPID, it is not necessary to sign the application with one of the aforementioned methods.

Candidates intending to apply for more than one Course must complete a separate application for each chosen Course.

- **2.** When filling the application, candidates must:
- select the chosen PhD course;
- indicate the curriculum. The preference expressed in the application form will be indicative of the candidate's interests and not binding;
- select the type of seat "ordinary seat whit scholarships";
- to express a preference for themed scholarships, indicated in the form attached to the announcement;
- attach the qualifications required and indicated in the form of the PhD course and a photocopy of the identity document.

All documentation must be attached in pdf format.

The lack of a photocopy of the identity document is cause for exclusion from the selection.

For all legal purposes, the application is to be considered as a self-certification of the data included therein, in accordance with articles 46 and 47 of Italian Presidential Decree no. 445/2000 and subsequent amendments.

3. The application is automatically sent to the University when the online procedure has finally been completed. Therefore, no paperwork needs to be delivered or sent to the University's offices.

Candidates are invited to complete applications for the selection process well in advance of the closing date specified in this call. Candidates are responsible for verifying that the procedure is completed correctly. No









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complaints will be accepted for any malfunctioning of the IT system due to overload experienced by candidates near the closing date.

After the deadline of the call it will no longer be possible to change the application for participation.

In force of Italian Law no. 104/92, as amended by Italian Law no. 17/99, disabled candidates may request an individual examination (with the use of aids, any additional time required, etc.) to complete the required entry examinations.

According to the art. 15 of Law 183/2011 and following the interpretation done by the Directive of the Presidency of the Council of Ministers, signed by the Minister of Public Administration and Simplification, n. 61547 of 22/12/2011, the University can't accept certifications issued by other Public Administrations.

Therefore, if the titles declared by candidates and attached to the application for admission to the competition, have been issued by Italian public universities, they must only be self-certified.

Following the rules on self-certification, the University will verify the veracity of the self-certification, pursuant to the Consolidated Law on Finance. 445/2000.

ART. 4 Examinations

1. The examination procedures and the dates of the exams are indicated in the forms attached to this announcement.

The date of the oral exam, indicated in the form, is to be regarded as official legally-binding calls.

Candidates will therefore not receive any other sort of call or summons by the University as to the exams prescribed for the Ph.D. Course they have applied for.

The candidate does not have to be present during qualification assessment procedures.

ANY CHANGES IN DATES AND TIMES WILL BE MADE PUBLIC ON THE UNIVERSITY WEB-SITE

A candidate who is not present at the time and place indicated for the examination will automatically excluded from the competition.

2. To sit the prescribed exams for the course applied for, candidates must be present on the dates and times indicated in the above mentioned schemes and provide a valid identification card.

For some Ph.D. courses, as indicated in the relevant descriptive tables, candidates may request to sit the oral exam in another language other than Italian (check for details).

Furthermore, during the interview, the Commission Board will assess the suitability of the candidate in relation to the research topics of the restricted-topic scholarships indicated in the application form.

If, for health reasons connected to the COVID-19 emergency, the examination tests cannot be carried out in the manner indicated in the art. 1 of the notice, it will be communicated by means of a notice that can be consulted on the University website.









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ART. 5 Examination Committee and competition rules

1. The Examination Committee is appointed by the Rector through a specific decree and is composed by a minimum of three to a maximum of five members among professors and assistant professors. At least one of the members must be full Professor.

Having regard to Italian Law about "Equal Opportunities for Men and Women" and specifically to Art. 57 of the Leg. Decree n. 165, 30 March 2001, at least one third of the Examining Board has to be women, except impossibility to be demonstrated when the Board proposal is made. In any case the gender balance must be respected: each gender must be represented at least by one third of components.

Having regard to Art. 35 bis of the Leg. Decree n. 165, 30 March 2001, Individuals condemned for crimes – even if not yet sentenced – in Book II of the Italian Penal Code ("crimes by civil servants against public administration") cannot be nominated as members of the Examining Board.

- 2. The Commission can carry out the preliminary meeting and the meeting relating to the evaluation of the candidates' qualifications electronically. Insofar as they are compatible, the rules of the University Regulations on the subject are guided (D.R.n. 467–2016 of 18/04/2016 modified with D.R. 318-2020 of 17/03/2020 and with D.R. n. 21 of 17/01/2022).
- 3. The candidate's scores will be indicated out of a total of 100 points.

The results of the assessment of the qualifications will be published on the web site of the University https://www.univaq.it/en/section.php?id=2163 and on the web site of the concerned Department.

At the end of the session the Examination Committee draws up the list of the interviewed applicants with the obtained scores.

This list, signed by the President and by the secretary of the Examination Committee will be published on the web site of the Department at which the test was conducted, on the same day of the oral examination.

ART. 6 Ranking and assignment of scholarships

1. Once all the interviews have been completed the Examination Committee draws up the final ranking list according to the sums of the obtained scores. In case of equality, the Ph.D. position will be conferred to the younger candidate.

The University Administration makes this list public by publishing it on the official notice board of the University https://www.univaq.it/section.php?id=1391 and on the University web site https://www.univaq.it/en/section.php?id=2163&lang_s=en), once the validity of the examination procedure has been checked.

The applicants will obtain a Ph.D. position according to their position on the ranking list. If the candidate obtains equal position in more than one Ph.D. course, he/she must choose one course.









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ART. 7 Enrolment in Ph.D. Courses

1. Successful candidates must submit their enrolment through the University of L'Aquila official website https://www.univaq.it/en/section.php?id=2163&lang_s=en), within 7 days from online publication of selection results.

No information will be sent to the candidate's home. Candidates granted admission to the Courses are responsible for checking enrolment dates and procedures.

Failure to enroll by the deadlines set for each Course will be considered as drop out and the place will subsequently be assigned to the next candidate according to the ranking.

The enrolment forms, available on the University website, duly signed, must be delivered to the "Settore Dottorati, Assegni e Borse di Ricerca", within the deadline foreseen for the enrolment. The documents can be delivered in one of the following ways:

• by certified e-mail (PEC) addressed to protocollo@pec.univaq.it.

The certified e-mail account used must be the candidate's personal account. The administration shall not accept documents from candidates using certified e-mail accounts belonging to other individuals or to institutions. The University Administration declines all responsibility for any non-deliveries or misdeliveries of the documents sent via PEC or in case the documents attached to it are non-readable or damaged. The date of submission will be indicated on the receipt sent automatically by the PEC system.

• by mail addressed to concorso.dottorati@univaq.it. All documentation must be attached in pdf format.

Candidates with a qualification obtained abroad, when they arrive in Italy, are required to deliver the originals of the documentation relating to the qualification to the Settore Dottorati, Assegni e Borse di Ricerca.

The documents to submit compulsory are the followings:

- a) Enrolment form;
- b) Self-Declaration in substitution of certification and Self-Declaration in substitution of attested affidavit in accordance with articles 46 and 47 of the Presidential Decree 28th December, 2000, n.-445 (using the forms available on the University website https://www.univaq.it/section.php?id=684);
- c) a copy of an identity document;
- d) a photocopy of the candidate's fiscal-code number;
- e) a photocopy of the candidate's "Italian-residency permit" (permesso di soggiorno) only for non-EU citizens:
- f) self-declaration to obtain the scholarship for the Ph.D. course they have earned admission to;
- g) Scholarship accreditation form.

Within 15 days from the start of the Ph.D. Course, candidates who have been conferred a scholarship must send by mail a photocopy of a receipt from the INPS (national social security service), certifying that they have been registered in "posizione contributiva allagestione separate" (for information visit the INPS web-site at www.inps.it).









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Foreign citizens must declare possessing the following requisites:

- 1. that they benefit from civil rights and right to vote in their country;
- 2. that, aside from Italian citizenship, they possess all other requisites required for citizens of the Italian Republic.

Applicants holding a university Degree awarded abroad must enclose, also, the following documents, translated and certified by competent Italian Diplomatic Authorities:

- copy of their university degree indicating their final mark;
- degree transcripts indicating the exams taken during their course and marks awarded.

Alternatively, the winner may present the certificate of comparability issued by CIMEA as part of the agreement stipulated with the University of L'Aquila (https://www.cimea.it/pagina-attestati-di-comparabilita-e-verification-of-qualifications).

For the registration, please enter the service Diplome, via the following link https://cimea.diplome.eu/univaq/#/auth/login.

If the above documentation is not available at the time of enrolment, the candidate's enrolment shall be deemed "subject to verification". In this case all above mentioned compulsory documentation must be consigned by and no later than the 31st Jenuary 2023, failure to do so will result in expulsion from the course.

False declarations shall lead to the candidate's expulsion from the Ph.D. course and to prescribed sanctions for such offenses, vacant positions will be assigned to other candidates according to the ranking list.

2. Successful candidates who do not want to enroll in the course they have been selected for, must immediately send a signed letter of renouncement enclosing a photocopy (front-back) of their identity card.

When candidate, even if not winner of the competition, have right to be enrolled, the suitable candidate entitled to be enrolled will receive a communication to the e-mail address indicated on the application for participation in the competition. Candidates selected as replacements must write a letter of acceptance within two days of the aforementioned email. All other necessary documents indicated in this announcement must be consigned within, and no later than, ten five after receiving notification.

Failure to enroll by the deadline indicated is equivalent to tacit renunciation.

ART. 8 Connection with specialization schools

Students enrolled in specialization schools in the Medical area that in the academic year 2022/2023 will be enrolled in the last year of the course, if winners of the admission competition, they can enroll in the chosen doctoral course if they have obtained from the Board of the Specialization School and the Teaching Body the certificate of compatibility of the joint attendance, on the based on the distance between the sites and on the evaluation of the activities and commitment envisaged by the Specialization School and the PhD Program.









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The trainee can ask the Academic Board to reduce the PhD course, not exceeding one year, by attaching to the request a certificate of the research activities already carried out issued by the Board of the Specialization School.

The acceptance of the application is arranged by the Board of Professors following the assessment of the consistency of the research activities already carried out in the medical specialization course with the doctoral project.

During the joint attendance period, students enrolled in specialization schools will not be able to take advantage of a scholarship for a research doctorate or other forms of funding.

ART. 9 Public Employee

Public employees admitted to PhD course must ask the Administration to which they belong, to be placed on extraordinary leave for study purposes without paychecks for the duration of the course.

Public employees who does not obtain the aforementioned extraordinary leave without paychecks from the Administration to which they belong, will not be able to enroll or continue the PhD Course.

Public employees who have already obtained the title of PhD, nor public employees who have been enrolled in PhD courses for at least one academic year, benefiting from this leave, are not entitled to extraordinary leave, with or without paychecks.

ART. 10 Grants – Scholarships

1. The grants available indicated in the Ph.D. form are assigned according to the ranking list and verification of the suitability of the candidates referred to in art. 4.4.

A Ph.D. gross grant consists of \in 16.243,00 which includes health and social security taxes that, on 2022, amounts to 35,030%, but only 11,677% is paid by the beneficiary.

From the fist year of each Ph.D. course, for each PhD student a research budget, not less than 10% of the total sum of the grant conferred, will also be available for research activity in Italy or abroad.

2. Grants are yearly provided and are renewed on the condition that the Ph.D. student has completed all programmed activities for the course during the previous year.

A Ph.D. scholarship cannot be cumulated with other grants except for those provided by national or foreign institutions which are aimed at integrating the Ph.D. student's research activity with periods abroad.

The payment of the scholarship is done by monthly installment.

Candidates who have already benefited from other Ph.D. study grants in Italy (even if only for one year) are not eligible to receive another grant.









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If Ph.D. student does not respect what is indicated in article 15 paragraph 6 of Ph.D. regulations, his/her scholarship will be stopped.

ART. 11 Attendance Abroad

Ph.D. students can carry out training periods abroad in qualified institutions. Such training or study periods abroad cannot be longer than 12 months and can be allowed in case they are foreseen by:

- a) The study program of the Ph.D. course;
- b) Upon advice of the course coordinator or board;
- c) Upon request made by the Ph.D. student.

The period of study abroad can be extended until 18 months at maximum only for the PhD in co-tutelle with foreing bodies.

All the Ph.D. students, are entitled to an increase in the scholarship up to a maximum of 50% for the aforementioned training periods abroad.

<u>Before going abroad</u> the following documents must be sent to the above mentioned Ph.D. office by the Coordinator:

- Signed authorization by the course Coordinator for training/study periods abroad of 6 months or less or
 - Board resolution allowing a period of over 6 months;

The authorization must include:

- the source of financial coverage for the additional sum of the scholarship;
- indication of the fund to which the additional sum of the scholarship is to be sent, if this sum is to be paid by the Department;

Upon returning to Italy the Ph.D. Coordinator shall present the following:

Certification about study periods abroad.

ART. 12 Tuition Fees

All Ph.D. students are exempted from tuition payments. All Ph.D. students must only pay \in 156,00; the Regional tax (\in 140,00) and aduty stamp "marca da bollo" (\in 16,00). Late payment will result in a \in 52.00 fine.

ART. 13 Rights and Duties

1. Ph.D. students are obliged to attend lessons and carry out all prescribed activities regularly in accordance with the programs and schedules set by the Board of Professors.









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- 2. The University provides insurance coverage for the entire duration of the Ph.D. course and for activities pertaining to the course.
- 3. Compatible employment activities shall be allowed for brief periods, following authorization from the Board of Professors, after hearing the favorable opinion of the supervisor, as long as such commitments do not pose any sort of conflict with the activities required within the Ph.D. course.
- 4. Interruptions in attendance shall be allowed for:
- a) Illness or injury for periods of 30 days or more;
- b) Military or civil service;
- c) Training courses for teacher certification.

Interruption may also be agreed for substantiated serious personal reasons after having received a positive opinion of the Board of Professors. Discontinuation does cannot be longer than six months one year according to the total course length Ph.D. students benefitting of interruption period must recover the entire time with consequent test delay for the move to following year and for the awarding of title.

- 5. Maternity/paternity leave and leave for adoption or foster care may also be authorized. Maternity-leave laws and regulations as indicated in Gazzetta Ufficiale n. 247 of 23rd October, 2007 shall be applied.
- 6. A Ph.D. student's unexcused absence or non-fulfillment of obligations shall result in his/her exclusion from the course by the Board of Professors. In this case the expelled Ph.D. student shall be liable for the sum of the scholarship conferred or for tuition fees.
- 7. Ph.D. students enrolled at the University of L'Aquila may carry out limited teaching or tutoring activities within the University's Bachelor and Master-level degree courses if so established and programmed by the Board of Professors in agreement with the University Department.
- 8. Ph.D. students must preserve the confidentiality in information, knowings and materials. They must not disclose beyond subject different by the ones that gave to them.

ART. 14 Graduation

Students can write their Ph.D. thesis in Italian or in English, an abstract in English must also be provided. Students wishing to write their thesis in a language different form Italian or English must receive authorization from the Board of Professors.

The evaluation committee for Ph.D. thesis discussion will be appointed according to the Ph.D. Regulations of the University.

A Doctoral Degree title (Dott. Ric. or Ph.D.) will be awarded following a positive assessment of the Ph.D. thesis, taking into account the achieved results.









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ART. 15 Head of the Competition Procedure

According to art. 5 of law 07/08/1990, n. 241, the Head of the Settore Dottorati, Assegni e Borse di ricerca of the University of L'Aquila (Piazza Santa Margherita, 2 – Palazzo Camponeschi - L'Aquila) shall be responsible for the competition procedure.

ART. 16 Legal Reference

For all other matters not foreseen or included in this announcement we shall refer to Law n. 210 of 03/07/98, Law n. 240 of 30/12/2010, Ministerial Decree 226/2021 and to the "Regolamento dei corsi di Dottorato di Ricerca" (Ph.D. regulations) of this University.

This announcement is available at: https://www.univag.it/en/section.php?id=2163&lang-s=en

Further information may be requested through HELP POINT ONLINE, accessible from the website https://servicedesk-form-app-eu-qta.azurewebsites.net/

L'Aquila 28/10/2022

The Rector of the University of L'Aquila Prof. Edoardo Alesse







Ph.D. Course in CLINICAL MEDICINE AND PUBLIC HEALTH			
Ordinary place with full grant	1		
Grant/Fellowship Funding	1 grant financed by the project "Vitality- Innovation Ecosystem, Digitalisation and Sustainability for a widespread equitable economy in the center of Italy" (Scientific coordinator: Prof. A. M. Cimini)		
Grants subjects	ECO-1 "Model of organoids for drug screening and drug repurposing"		
DESCRIPTION OF THE RESEARCH	The project involves the development of three-dimensional (3D) cellular organoids that reproduce the microenvironment in vitro in order to simulate an in vitro model with characteristics close to those of the organ compared to normal two-dimensional (2D) cultures, thus mimiking the molecular mechanisms that regulates the organ. Organoids will allow to study the effectiveness of pharmacological treatments for neurological disorders and diseases in high need of treatment.		
Duration	3 years		
Curricula	Internal Medicine, Cardiovascular and Systems Sciences		
University Department Responsible for the Ph.D. Course	Department of Life, Health and Environmental Sciences		
Ph.D. Course Website	https://mesva.univaq.it/?q=node/9622		
Ph.D. Course Coordinator	Prof. Claudio Ferri claudio.ferri@univaq.it		
Admission Pre-requisites	All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications. Within the deadline indicated in this call for applications, candidates who are expected to obtain the above mentioned Degrees by no later than the enrollment, and before the Ph.D. programme's start date may also apply.		
Admission Procedure	Qualification assessment and oral exam.		
Examination topics	Internal Medicine, Geriatrics, Cardiology,		
How to apply	The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/secondodott38 . The documents must be attached in pdf format. The application and the attached documents are submitted automatically by closing the online procedure. So, no hard copy of the application and of the documents must be sent to the office.		
Documents to be annexed to the Application	 CV Candidates holding a degree from an Italian university must provide: Self-certification concerning their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; Self-certification concerning their Master-level Degree course indicating final mark and list of exams taken and marks obtained. Candidates enrolled in an Italian Degree Course must include: Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained. Applicants with foreign Degrees must follow the directions explained in article n. 2 of this call. Summary, max. 2 pages, of the candidate's Degree thesis. Additional qualifications – scientific publications – deemed appropriate for admission. A report illustrating a possible research project the candidate wishes to carry out within the Ph.D. applied for (we underline that the report 		







	presented by the candidate with his/her application shall not necessarily be the actual project carried out during the Ph.D. course if the candidate is admitted. In fact, the research project shall be defined and approved by the Ph.D.'s Board of Professors once the course begins).
Language(s)	Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam Admission The candidate may sit exams in ITALIAN or ENGLISH
Exam schedule	Qualification assessment: 1st December, 2022 at 9:00 a.m. at the Department of Life, Health and Environmental Sciences Oral exam: 5th December, 2022 at 9:30 a.m. at the Department of Life, Health and Environmental Sciences - Blocco 11 - Piazzale S. Tommasi, 1 - L'Aquila
Assessment Criteria	The assessment procedure consists in two phases: qualification assessment and an oral exam. The candidate's score shall be indicated out of 100 points attributed as follows: 1. Qualification assessment: Max. 50 points, with a 20/100 passing mark. as follows: a. Degree mark: Up to 6 points b. Degree thesis: Up to 4 points c. CV: Up to 4 points d. Publications: Up to 4 points e. Additional qualifications: Up to 2 points f. Research project: Up to 30 points 2. Oral exam: Max. 50 points, with a 30/100 passing mark. The oral exam aims at assessing the candidate's aptitude for scientific research, his/her experience within the research sector and general knowledge of topics and issues pertinent to the Ph.D course. The oral exam will also include assessment of the applicant's English language skills in the scientific sector.
Title evaluation results publication	Title evaluation results shall be published on the University website https://www.univaq.it/section.php?id=2163 and on Department website: http://mesva.univaq.it/ .







Ph.D. Course in HEALTH AND ENVIRONMENTAL SCIENCES			
Ordinary places full grant	2		
Grant/Fellowship Funding source	 1 grant financed by the project "Vitality- Innovation Ecosystem, Digitalisation and Sustainability for a widespread equitable economy in the center of Italy" (Scientific coordinator: Prof.ssa B. Cinque) 1 grant financed by Istituto Superiore di Sanità (Scientific coordinator: Prof. F. Brancati) 		
Grants subjects	ISS-1 "Identification and characterization of new molecular pathways in undiagnosed disease" ECO-1 "Evaluation of new pharmacological and probiotic approaches for the treatment of fibrosis in inflammatory bowel disease"		
	ISS-1 The unmet needs of Undiagnosed Rare Disease Patients (URDP) representy a global issue: joint actions are crucial to help patients and professionals to share expertise and information across borders. All around the world, specific undiagnosed disease programs have been established to address this issue. For these reasons the Istituto Superiore di Sanità and the Human Genetics Division of the University of L'Aquila are aimed to join efforts within the frame of a consolidated collaboration between these Institutions and the Undiagnosed Diseases Network International based at NIH (USA). Aim: To define the molecular bases of yet URDPs using the available tools to		
DESCRIPTION OF THE RESEARCH	characterize the phenotype and the genotype of such individuals. In particular, the Human Phenotype Ontology and modern next-generation sequencing strategies will be used together with cellular and molecular techniques to study the pathogenic effect of genetic alterations. This will improve the recognition of previously undiagnosed disorders and identify novel molecular mechanism underlying multi system disorders, paving the way to molecular and personalized medicine.		
	ECO-1 Intestinal fibrosis is a frequent and serious complication of IBD (Inflammatory Bowel Disease). Anti-inflammatory drugs can reduce inflammatory lesions and related clinical signs, but they do not prevent or alleviate fibrotic intestinal obstruction. Thus, the definition of new effective therapeutic strategies in the prevention and treatment of intestinal fibrosis, represents an urgent need and the most important clinical challenge. Aims:		
	 Deepen the knowledge on the mechanisms underlying intestinal fibrosis in search of more effective therapeutic targets. To study the anti-fibrotic effects of drugs currently used in the clinic (salicylates, steroids, immunosuppressive drugs, biological drugs) and of selected probiotics on in vitro, ex vivo and in vivo models of intestinal fibrosis (human intestinal fibroblast and epithelial cell lines, epithelium-mesenchymal transition models (EMT), human intestinal organoids, intestinal biopsies of patients with IBD. In addition, an experimental model of chronic colitis induced by dextran sodium sulfate (DSS) will be used as an in vivo model. 		
Duration	3 years		
Curricula	Translational Medicine		
University Department Responsible for the Ph.D. Course	Department of Life Health and Environmental Sciences		
Ph.D. Course Website	http://mesva.univaq.it/?q=node/6741		
Ph.D. Course Coordinator	Prof.ssa Maria Grazia CIFONE mariagrazia.cifone@univaq.it		







	All Master-level Degrees or foreign degrees with certified equivalency or recognized as equivalent to the aforementioned qualifications.
Admission Pre-requisites	Within the deadline indicated in this call for applications, candidates who are expected to obtain the above mentioned Degrees by no later than the enrollment, and before the Ph.D. programme's start date may also apply.
Admission Procedure	Qualification assessment and Oral exam.
Examination topics	The oral exam will focus on topics of a general nature and from a translational point of view in interdisciplinary themes, in particular referring to the specific project on which the candidate has applied.
	The application must be submitted only via the online procedure available at: https://pica.cineca.it/univaq/secondodott38 .
How to apply	The documents must be attached in pdf format.
ном to арргу	The application and the attached documents are submitted automatically by closing the online procedure. So, no hard copy of the application and of the documents must be sent to the office.
Documents to be annexed to the Application	 CV Candidates holding a degree from an Italian university must provide: Self-certification concerning their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; Self-certification concerning their Master-level Degree course indicating final mark and list of exams taken and marks obtained. Candidates enrolled in an Italian Degree Course must include: Self-certification of their Bachelor-level Degree indicating final mark and list of exams taken and marks obtained; Self-certification of the exams so far taken in their Master-level Degree course indicating marks obtained. Applicants with foreign Degrees must follow the directions explained in article n. 2 of this call. Summary, max. 2 pages, of the candidate's Degree thesis. A complete list and a copy of the candidate's publications. Any additional qualifications deemed useful for the assessment, including a list of overall scientific publications.
Language(s)	Assessment of foreign language skills English language skills and competence shall be assessed during the oral exam. Admission The candidate may sit exams in ITALIAN or ENGLISH
Exam Schedule	Qualification assessment: 1 st December, 2022 at 09:00 a.m. at the Department of Life, Health and Environmental Oral exam: 2 nd December, 2022 at 10:00 a.m. at the Department of Life, Health
	and Environmental Sciences – Building "Paride Stefanini" (Blocco 11A) - Piazzale S. Tommasi, 1 - L'Aquila
Assessment Criteria	The examination procedure consists in two phases: qualification assessment and an oral exam. Final score shall be indicated out of a total of 100 points attributed as follows: 1. Qualification assessment: Max. 40 points attributed as follows: - Degree mark: Up to 10 points - Thesis pertaining to the topic of the chosen scholarship::: Up to 10 points - Scientific publications: Up to 10 points - Additional qualifications: Up to 10 points 2. Oral exam: max. 60 points The oral exam aims at assessing the applicant's aptitude for scientific research, his/her experience within the research sector and general knowledge of topics and issues pertinent to the Ph.D. course curriculum chosen by the candidate. The oral







	exam will also include assessment of the candidate's English language skills in the scientific field.
Title evaluation results publication	Title evaluation results shall be published on the University website https://www.univaq.it/section.php?id=2163 and on Department website: http://mesva.univaq.it/







Technical guidelines for the submission of the application form for Ph.D. Courses XXXVIII cycle

Online application open until 28th November 2022 at 17.00 CEST Online form available at: https://pica.cineca.it/univag/secondodott38

- 1. The application form must only be submitted online. No hard copy of the application must be sent by post.
- 2. Before filling in the application form, please read carefully the selection announcement, in particular the chosen PhD course table in order to verify the eligibility criteria and the documents to be submitted.
- 3. WATCH OUT: ALL DOCUMENTS MUST BE UPLOADED IN PDF FORMAT AND, IN SOME CASES, THEY MUST BE PRINTED, SIGNED AND UPLOADED. WE ADVISE APPLICANTS TO USE A PC CONNECTED WITH A PRINTER AND A SCANNER.
- 4. It is possible to fill in the application form by logging in at different times and saving the data. In order to access the application form that has been partly completed you must click on Modify to complete it.
- 5. Further information may be requested through HELP POINT ONLINE, accessible from the website https://servicedesk-form-app-eu-qta.azurewebsites.net/
- 6. For technical problems contact support via the link at the bottom of the page https://pica.cineca.it/univaq.
- 7. Applicants who want to apply for more than one Ph.D. course must submit as many applications as the chosen courses.
- 8. Applicants with foreign qualifications that have not been legally recognized as equivalent to Italian degrees must read art. 2 of the selection announcement and upload the required documents in the relevant section of the online application.
- 9. After the application has been correctly filled in and submitted, applicants will receive an email with the confirmation of the submission.

1. DATA REGISTRATION

To start the registration go to the website https://pica.cineca.it/univaq/secondodott38
Access can be done via SPID. In the absence of SPID, at the first access applicants need to register by clicking on 'Register' and fill in the required data. If applicants already have LOGINMIUR credentials, they don't need to register again. They must access with their LOGINMIUR username and password in the relevant field LOGINMIUR.

In case you forgot username and password, click on 'Forgot your credentials?'.

After completing the data, click on 'New Registration'. Applicants will receive an email with the data to confirm their registration. In case you don't receive or cannot read the email, contact support via the link at the bottom of the page https://pica.cineca.it/univaq.

2. APPLICATION FORM ACCESS

Once registered it is possible to access the website https://pica.cineca.it/univag/secondodott38







and login with username and password to fill in the application form by clicking on 'New Submission'. Before filling in the application form, applicants can modify their personal data by clicking on the top right button (User Profile) and select what to modify.

The first section to be filled in is "PHD COURSE": the applicant must select the Ph.D. course, one of the curricula and declare the position.

Candidates must to express a preference for themed scholarships, by opening the appropriate menu.

WATCH OUT: after completing each section of the form, the applicant must click on the button "SAVE AND PROCEED". Only if the data have been correctly filled in, the applicant can go to the next section. Otherwise error messages will display and will be compulsory to correct the data.

The section named "DECLARATIONS" display a list of declarations concerning the veracity of data inserted and the treatment of the personal data inserted in the application form.

The third section to be filled is "PERSONAL DATA". This section is partially filled by transferring data from the registration procedure thus the candidate must complete the missing items. In case of mistakes in personal data, applicants can modify them by clicking on the top right button (User Profile).

In the following section "Admission requirements" applicants must select one out of the four options proposed. After that applicants must specify the qualification awarded or to be awarde by the completion date of the enrollment, and in any case no later than the start date of the course (activities will start by 31 December 2022).

In the following section "FURTHER DECLARATIONS" the applicants must compulsory declare the level of knowledge of English language and if they are in situations preventing the receiving of the scholarship and/or of special needs.

In the section named "ATTACHMENTS" the applicant can upload the identity card (or passport) and all the qualifications and certifications required in order to participate to the selection of the chosen Ph.D. course.

The applicant can write a self-declaration about the degree obtained and about all the exams passed. The self-declaration concerning the degrees obtained, can be written in a simple paper according to the scheme available below, or downloading the concerned form if it is available on the website of the home University.

The applicant must read carefully the list of documents required for the Ph.D. course chosen, in order to speed up the procedure.

In this section you must upload the documents requested for the recognition of the foreign academic degree (art. 2 of the selection announcement - Admission of applicants with foreign (non-Italian) qualifications). The files must be in pdf format and readable. For each file a brief description is needed.

After completing this section applicants will be redirected to the dashboard where they can see the draft of their application form. By pressing the bottom "Sign and submit" the process is finalised. If the application has been filled in correctly the system displays the PDF file of the application. In case of mistakes applicants receive an error message and the application must be corrected. Once all the mistakes are corrected the applicant can go to the next section for the submission. By clicking on "Sign" bottom the process is finalise and the PDF file of application is generated.

The application must be signed, missing the signature the application will be rejected.







There are 3 methodologies to sign it and the candidate must select one of them and read carefully they directions.

According to article 3 of the call the possible methodologies are the following:

- By digital signature using smart card, USB token or remote signature which allow the owner to sign general documents by means of a signature software or a Remote Signature web portal made available by the Auditor. Those who have a Digital Signature smart card or USB token shall verify that they are compatible with the Digital Signature system integrated in the system server. If so, the owner may sign the application directly in the system server (e.g. ConFirma);
- Those who do not have compatible digital signature devices and the Remote Digital Signature Owners who may access a web portal for signing general documents shall save in their own PC the .pdf file generated by the system and, without modifying it, digitally sign it in CAdES format. A .p7m file will be generated, which shall be saved and uploaded again in the system. Any editing to the file before signing with the Digital Signature shall interfere with the automatic check of correspondence between the content of such a document and the original, and this will bring to the application exclusion;
- If none of the above-mentioned options can be used candidates shall save in their own PC the .pdf file generated by the system and, without modifying it, print and sign it with full original signature in the last page of the printed document. A scanned .pdf copy of such a document shall be produced and the file thus obtained shall be uploaded to the system.

In case the access to the platform is via SPID, it is not necessary to sign the application with one of the aforementioned methods.

In case the applicant decides to sign the PDF file he/she must verify that the file that is going to be upload is complete because the system accept only one PDF file.

After the submission applicants will receive an email with the confirmation of the submission. Applicants will always be able to login to their account, personal data and application form.

3. APPLICATION FORM MODIFICATION OR WITHDRAWAL

Modifications of the application form after the pdf has been created are possible:

- If they have submitted the application form and received the email of confirmation applicants cannot modify the application form but they will be able to withdraw it following the relevant procedure available on the dashboard and submit a new application form.
- If they have created the pdf file but they have not completed the submission (the pdf file has not been uploaded yet and so they haven't received the email of confirmation) then they must contact support via the link at the bottom of the page https://pica.cineca.it/univaq and ask to have the application re-opened. In the email they must specify the reason of their request, the ID of their application form and attach copy of their identity document.







Self-Declaration in substitution of certification (art. 46 D.P.R -28^{th} December 2000, n.445)

and/or

Self-Declaration in substitution of attested affidavit (art. 47 D.P.R 28th December, 2000 n.445)

The undersigned	born in (place of birth)		rth) on (date of
birth)			
residing in (city/State/Country) at (address)	<u> </u>		Postal code
at (audiess)	/		
	DECLARES:		
1) in compliance to art(s). 46,47 a following Degree:	nd 38, D.P.R 28/12/2000), n.445 that he/she ha	s been conferred the
Bachelor-level Degree in (title) Degree)	at at at at at at on (date issued)	(name of University or	College issuing the mark
and that he/she passed the following exa	ms:		
EXAM (title of the exam/course)	MARK	DATE	
2) in compliance to art(s). 46,47 and Degree:	d 38, D.P.R 28/12/2000, n	.445 that he/she will be	confer the following
Master-level Degree in (title)	at (n	name of University or C	College issuing the
Degree)	on (date issued))	,
and that he/she passed at today the follow	wing exams:		
EXAM (title of the exam/course)	MARK	DATE	







The undersigned declares that he/she is aware of the sanctions applied in case of false statements established in art.76 D.P.R. 28/12/2014, n.445 and of the consequent loss of any benefits obtained by making false statements as established in art. 75 D.P.R. 28/12/2014, n.445.

The undersigned, under penalty of nullity of the applicat	tion, shall enclose a photocopy of a valid ID.
Date,	
	(Applicant's signature)