

**D.R. Rep. n.\*– 2025 Prot. n. \* del \* Allegati 5**

**Anno 2025 tit. VII cl. 1 fasc. 38**

\*n. e data della registrazione di protocollo sono riportati nei metadati del sistema di protocollo informatico Titulus

**Public selection, on the basis of qualifications and interviews, for the award of no. 5 research contracts, through the stipulation of a two-year fixed-term contract, pursuant to art. 22 of Law no. 240 of 30.12.2010, as amended by art. 14, par. 6-septies of Decree-Law no. 36 of 30 April 2022, converted with amendments, by Law no. 79 of 29 June 2022, at the University of L'Aquila, within the framework of PNRR - Mission 4 'Education and Research' - Component 2 "From the 36 converted, with amendments, by Law no. 79 of 29 June 2022, at the University of L'Aquila, within the framework of the PNRR - Mission 4 'Education and Research' - Component 2 'From Research to Enterprise' Investment 1.2 'Funding of projects by young researchers' funded by the European Union - NextGenerationEU"**

#### THE RECTOR

- SEEN** Law No. 168 of 9 May 1989 establishing the Ministry of Universities and Scientific and Technological Research;
- SEEN** Law No 241 of 7 August 1990, as subsequently amended and supplemented, laying down rules on administrative proceedings and the right of access to administrative documents;
- SEEN** the Consolidated Text of laws and regulations on administrative documentation, issued by Presidential Decree no. 445 of 28.12.2000 and subsequent amendments and additions;
- SEEN** Legislative Decree no. 196 of 30 June 2003 "Personal Data Protection Code";
- SEEN** Law no. 106 of 15 April 2004 and Presidential Decree no. 252 of 3 May 2006 containing rules on the legal deposit of documents of cultural interest intended for public use;
- SEEN** Legislative Decree No. 82 of 7 March 2005 'Digital Administration Code' as amended and supplemented;
- SEEN** Law No. 240 of 30 December 2010 concerning '*Rules on the organisation of universities, academic staff and recruitment, as well as delegation to the Government to boost the quality and efficiency of the university system*' and in particular Article 22;
- SEEN** the amendments - made by Article 14 of Decree-Law No. 36 of 30 April 2022, converted with amendments by Law No. 79 of 29 June 2022 - to Article 22 of Law No. 240 of 30 December 2010;
- SEEN** Presidential Decree No. 232 of 15 December 2011 containing the Regulations governing the remuneration of university professors and researchers, pursuant to Article 8, paragraphs 1 and 3 of Law No. 240 of 30 December 2010;
- SEEN** Law No. 183 of 12 November 2011 (2012 Stability Law), and in particular Article 15 containing provisions on certificates and substitute declarations;
- SEEN** Legislative Decree No. 49 of 29 March 2012 and, in particular, Article 5, paragraph 5, Regulations for the planning, monitoring and evaluation of the budgetary and recruitment policies of universities;
- SEEN** Ministerial Decree No. 639 of 02.05.2024 "Determination of the scientific-disciplinary groups and the relevant declarations, as well as the rationalisation and updating of the scientific-disciplinary sectors and the reconciliation of these to the scientific-disciplinary groups";
- SEEN** the Single Code of Ethics and Conduct of the University of L'Aquila, issued by R.D. no. 1489 of 24/11/2023;
- SEEN** Legislative Decree 30.06.2003 no. 196 and Legislative Decree 10.08.2018 no. 101, implementing Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation);
- SEEN** the current Statute of the University of L'Aquila;
- SEEN** the National Recovery and Resilience Plan (PNRR), submitted to the European Commission on 30.04.2021 pursuant to Article 18 of Regulation (EU) No. 2021/241 and approved by decision of

the ECOFIN Council of 13.07.2021 notified to Italy by the General Secretariat of the Council with note LT161/21 of 14.07.2021;

**SEEN** in particular, Mission 4 "Education and Research" Component 2 "From Research to Enterprise" (M4C2), which aims to support investment in research and development, promote innovation and technology diffusion, and strengthen skills by fostering the transition to a knowledge-based economy, and that the above-mentioned planned lines of action cover the entire chain of the research and innovation process, from basic research to technology transfer;

**SEEN** the Guidelines defined by the Ministry of Universities and Research for system initiatives under Mission 4 "Education and Research", Component 2 "From Research to Enterprise", approved by Ministerial Decree No. 1141 of 7 October 2021;

**SEEN** the Interministerial Decree of 07.12.2021 adopting the guidelines to promote equal gender and generational opportunities and the employment inclusion of persons with disabilities in public contracts financed with PNRR and PNC resources;

**SEEN** the 2022-2024 Gender Equality Plan of the University of L'Aquila approved by resolution of the Board of Directors no. 389 of 15/12/2021;

**SEEN** the Circular of the Ministry of Economy and Finance No. 4 of 18.01.2022, with the subject "National Recovery and Resilience Plan (PNRR) - Article 1, Paragraph 1 of Decree-Law No. 80 of 2021 - implementation indications";

**SEEN** the Directorial Decree no. 47 of 20/02/2025 of the Ministry of University and Research containing the Notice for the recruitment of international post-doctoral researchers within the framework of the PNRR - Mission 4 'Education and Research', Component 2 'From Research to Enterprise' - Investment 1.2 'Funding of projects presented by young researchers';

**SEEN** Article 1, paragraph 8 of the aforesaid D.D. 47/2025, according to which 'young researcher' means a researcher of any nationality who, for various reasons, has not yet acquired consolidated experience in the management of research teams and is not in a contractual position that guarantees him/her a stable career prospects in the field of research. This definition includes all researchers who, on the date of publication of the Notice (20.02.2025), are up to 40 years of age, or, for profiles older than 40 and up to 45 years of age, have completed their PhD for a maximum of 7 years, and who are in one or more of the following conditions

- need to acquire first experience as a fund manager and/or research activity;
- need to acquire experience in leadership and management of a national and/or international research team;
- do not have, or did not have before winning the European grant, a permanent Full Time Equivalent (FTE) contract as a researcher and/or professor;

**SEEN** Article 5(1) of the aforesaid Notice, according to which the Host Institutions must allow post-doctoral researchers, i.e. researchers who have completed their doctoral studies having spent a period of at least three months in training and research abroad and who fall within the definition of 'young researcher' set out in Article 1(8), to be admitted to the selection process;

**CONSIDERED** that the University of L'Aquila (Host Institution) - in accordance with the provisions of the above-mentioned Notice and in compliance with the terms set out in Article 13, paragraph 2 of the same Notice - has forwarded to the MUR the expression of interest for the recruitment of 20 'young researcher' post-doctoral researcher positions

**NOTED** that the MUR, in response to the expression of interest transmitted by the Universities, has published, with document no. 3867 of 21.03.2025, the List of Assignments of Positions to the Mezzogiorno, from which it appears that the University of L'Aquila has been assigned the first 5 positions for the amount of € 101,494.86 each;

**CONSIDERED** that, therefore, it is necessary to proceed with the recruitment of no. 5 post-doc 'young researchers' by means of a two-year fixed-term employment contract (research contract), in

accordance with Article 22 of Law no. 240 of 30 December 2010, as amended by Article 14, paragraph 6-septies of Decree-Law no. 36 of 30 April 2022, converted with amendments by Law no. 79 of 29 June 2022;

**CONSIDERED** that the aforesaid contracts shall be signed by 15 May 2025, pending the signing of the Deed of Obligation and the acceptance of the possible decree granting the subsidies for the above-mentioned Research Programmes by the Implementing Parties

**SEEN** R.D. no. 270 of 31/03/2025 by which the Regulations of the University of L'Aquila for the granting of research contracts, pursuant to Article 22 of Law no. 240 of 30.12.2010, were issued;

**SEEN** the contract relating to the contractual sequence on the research contract pursuant to Article 22 of Law no. 240/2010, signed on 18/03/2025, and in particular Article 2, paragraph 2: *"In any case, the amount of the contract referred to in paragraph 1 may not be lower than the initial salary due to the researcher confirmed on a fixed-term basis and may not be higher than the initial salary due to the researcher confirmed on a full-time basis"*;

**SEEN** the resolutions of the Councils of the Departments of:

- Humanities (no. 65/2025 of 10/04/2025),
- Clinical medicine, public health, life and environmental sciences (no. 106/2025 of 09/04/2025),
- Civil, building-architectural and environmental engineering (no. 53/2025 of 11/04/2025),
- Applied clinical and biotechnological sciences (no. 37/2025 of 14/04/2025),
- Industrial and information engineering and economics (no. 125/2025 09/04/2025);
- concerning the activation of 5 research contracts (pursuant to art. 22 law no. 240/2010) for the recruitment of 'young researchers' from the aforementioned external funding;

**SEEN** the resolution of the Board of Directors of 16/04/2025;

**CONSIDERED** that the expenditure related to the cost of the research contracts to be activated, for a duration of 24 months, totalling € 520,955.10 is covered:

- for position n. 1:
  - for € 101,494.86 out of the resources assigned by the MUR to the University, as per D.D. no. 47 of 20/02/2025 (project 09\_CONTRACT\_DI\_RICERCA\_DSU\_DD\_47\_2025);
  - for € 2,696.16 out of the resources of the University, on a yearly basis;
- for position n. 2:
  - for € 101,494.86 out of the resources assigned by the MUR to the University, as per D.D. no. 47 of 20/02/2025 (project 06DD\_47\_2025\_MESVA\_CONTRACT\_RICERCA);
  - for € 2,696.16 out of the resources of the University, on a yearly basis;
- for position n. 3:
  - for € 101,494.86 out of the resources assigned by the MUR to the University, as per D.D. no. 47 of 20/02/2025 (project 03MIDOMCONRIC2025);
  - for € 2,696.16 out of the University's resources, on a yearly basis;
- for position n. 4:
  - for € 101,494.86 out of the resources allocated by the MUR to the University, as per D.D. no. 47 of 20/02/2025;
  - for € 2,696.16 out of the resources of the University, on a yearly basis;
- for position n. 5:
  - for € 101,494.86 out of the resources allocated by the MUR to the University, as per D.D. no. 47 of 20/02/2025;
  - for € 2,696.16 out of the resources of the University, on a yearly basis;

**ASCERTAINED** the availability of the relevant economic burden:

positio n	departme nt	SSD	CUP	Project code
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1	DSU	COMP-01/A	E13C250006300 01	09_CONTRATTO_DI_RICERCA_DSU_DD_47_ 2025
2	MESVA	INFO-01/A	E13C250006400 01	06DD_47_2025_MESVA_CONTRATTO_RICE RCA
3	DICEAA	CEAR-04/A	E13C250006500 01	03MIDOMCONRIC2025
4	DISCAB	BIOS-11/A	E13C250006600 01	DICAB_DD472025
5	DIIE	ICHI-01/B	E13C250006700 01	05.DIIE_RIC_INTERN_POST_DOT

## DECREES

### Art.1

#### Public selection for titles and interview

A public selection procedure, based on qualifications and interviews, is hereby announced for the award of no. 5 research contracts, pursuant to Article 22 of Law no. 240 of 30.12.2010, as amended by Article 14, paragraph 6-septies of Decree-Law no. 36 of 30 April 2022, converted with amendments by Law no. 79 of 29 June 2022, for the specific research programme set out in Annexes A, B, C, D, E, which form an integral part of this notice.

Annexes	Programme	Department	SSD	CUP
A	1	DSU	COMP-01/A	E13C25000630001
B	2	MESVA	INFO-01/A	E13C25000640001
C	3	DICEAA	CEAR-04/A	E13C25000650001
D	4	DISCAB	BIOS-11/A	E13C25000660001
E	5	DIIE	ICHI-01/B	E13C25000670001

The Scientific Disciplinary Area, the title, the duration of the fixed-term employment contract, the place where the research activity is to be carried out and the research programme are indicated in Annexes A, B, C, D, E. The contract is activated with resources from the National Recovery and Resilience Plan (PNRR) D.D. no. 47/2025.

The University guarantees equal opportunities between men and women for access to employment and treatment at work.

### Art.2

#### Requirements for admission to the selection

The selection is open to candidates, including those with citizenship of non-EU countries, who, on the date of the deadline for submitting applications, hold a PhD or equivalent qualification obtained in Italy or abroad. Those who are enrolled in the final year of a PhD course may also participate in the selection process, provided that the degree is obtained by the mandatory deadline of 13 May 2025, in order to allow the contract to be signed and the activities to commence by the deadline set by Director's Decree no. 47 of 20/02/2025 (15 May 2025).

Additional requirements are:

- having carried out, as part of the doctoral programme, a period of at least three months of training and research abroad. In the case of a qualification obtained abroad, the requirement is deemed to have been met per se;
- fall within the definition of 'young researcher' set out in MUR Decree no. 47 of 20/02/2025. This

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definition includes all those who have not yet reached their 41st year of age on 20/02/2025 or, alternatively, have not yet reached their 46th year of age on 20/02/2025 and have completed their PhD for a maximum of 7 years, and who are in one or more of the following conditions:

- having to acquire first experience as a manager of research funds and/or activities;
- having to acquire experience in leadership and management of a national and/or international research team;
- having not had a Full Time Equivalent (FTE) permanent contract as a researcher and/or professor.

In the case of academic qualifications obtained abroad, documentation concerning the recognition of the academic qualification or the request for recognition in accordance with current legislation is required and must be attached to the application form.

In the latter case, therefore, candidates are admitted to the selection process with reservations.

In accordance with Article 22 of Law 240/2010, the following are not admitted to the selection process:

- a) university professors of the first and second rank and researchers on open-ended contracts, even if terminated;
- b) those who have benefited from fixed-term researcher (RTT) contracts as per Article 24 of Law 240/2010, as amended by Law Decree 36/2022 converted by Law 79/2022;
- c) tenured personnel, hired on permanent contracts, of Universities, public research bodies and Institutions whose postgraduate scientific diploma has been recognised as equivalent to the title of research doctorate pursuant to Article 74, paragraph 4, of Presidential Decree no. 382 of 11 July 1980; d) those who have been employed on permanent contracts by the 382 of 11 July 1980;
- d) those having a degree of kinship or affinity up to and including the fourth degree with a Professor belonging to the Department or Structure proposing the activation of the contract, or with the Rector, or with the Director General, or with a member of the Board of Directors of the University.

To participate in the selection, candidates must also meet the following requirements:

- 1) enjoyment of civil and political rights. For candidates who are not Italian citizens and do not hold refugee or subsidiary protection status, enjoyment of civil and political rights is referred to their country of citizenship;
- 2) physical suitability for employment. The administration has the right to check the successful candidate at a medical examination, in accordance with the regulations in force.

In any case, the following persons may not participate in the selection process:

- 1) those who are excluded from the enjoyment of civil and political rights;
- 2) those who have been dismissed or discharged from their employment with a public administration for persistent inadequate performance;
- 3) those who have been declared disqualified from another state job, pursuant to Article 127, letter d) of Presidential Decree no. 3 of 10 January 1957.

The prescribed requirements must be met on the date of the deadline for submitting applications for admission to the selection.

### Art. 3

#### Submitting and sending the application online

The application to take part in the procedure, as well as the qualifications, documents and publications deemed useful for the procedure, must be submitted, under penalty of exclusion, electronically, using the dedicated computer application on page: <https://pica.cineca.it/univaq>.

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**No other form of submission of the application or documentation is allowed for participation in this procedure.**

The application procedure must be completed, under penalty of exclusion, **no later than 23.59 of April 27<sup>th</sup> 2025.**

The online application necessarily requires an e-mail address in order to register with the system or, alternatively, it can also be accessed via SPID. Applicants must enter all the data required to produce the application and attach the documents in electronic PDF format. The application must be completed in full, as indicated in the online procedure. By the application submission deadline, the system allows the application to be saved in draft mode. The date of telematic submission of the application for participation in the procedure is certified by the information system by means of a receipt that will be automatically sent by e-mail. Applications received after the deadline set out in this notice will not be considered. Each application will be assigned an identification number which, together with the competition code indicated in the computer application, must be specified for any subsequent communication.

The submission of the application must be finalised and completed in the following manner:

- **through digital signature**, using smart cards, USB tokens or remote signatures, enabling the holder to sign generic documents using PC-based signature software or a web portal for Remote Signature made available by the Certification Authority. Whoever has a smart card or a Digital Signature USB token can check its compatibility with the Digital Signature system integrated in the server system. If the result is positive, the holder may sign the application directly on the server (e.g. ConFirma);
- **those who do not have compatible digital signature devices and Remote Digital Signature Holders** who have access to a portal for the signing of generic documents, shall save on their own PC the PDF file generated by the system and, without modifying it in any way, digitally sign it in CAdES format: a file with a.p7m extension will be generated and must be uploaded to the system again. Any modification made to the file before the Digital Signature has been affixed will prevent the automatic verification of the correspondence between the content of this document and the original and this will result in the exclusion of the application;
- **if one of the above options cannot be used**, the candidate must save the PDF file generated by the system on his or her PC and, without modifying it in any way, print it out and affix a full autograph signature on the last page of the printout. This complete document must be produced in PDF format by scanning, and the resulting file must be uploaded to the system. The application does not need to be signed if the applicant logs in with SPID.

Candidates are conditionally admitted to the selection. In any case, candidates will be excluded from selection in the following cases

- failure to sign the application for admission to the selection, in accordance with the procedures laid down by law;
- lack of documentation concerning the equivalence of the PhD, issued by the competent authorities or of a copy of the request to obtain the equivalence of the qualification obtained abroad;
- lack of a photocopy of a valid identification document.

Exclusion for failure to meet one of the requirements set out in this call for applications or for submitting an application that does not comply with the procedures and prescriptions set out in this article shall be ordered by reasoned decree of the Rector and shall be communicated to the interested party by registered letter with advice of receipt or by PEC.

In the application to participate, filled in in all its parts by carefully following the telematic model, the candidate must declare under his/her own responsibility:

- 1) his or her personal details, date and place of birth, residence and an e-mail and/or PEC address to which he or she may send any communications;
- 2) the citizenship held (Italians not belonging to the Republic are equated to citizens of the Italian State);
- 3) the possession of the requirements of Article 2 above;
- 4) that he/she has not been convicted of any criminal offenses or has been convicted of any offenses, indicating the details of the relevant sentences and any pending criminal proceedings against him/her;

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- 5) that he/she does not currently hold and has not previously held the position of professor of the first or second rank or of university researcher of indefinite duration and that he/she has not benefited from contracts under art. 24 of Law 240/2010;
- 6) that he/she has not been dismissed from employment in a public administration for persistent inadequate performance, and that he/she has not been declared disqualified from state employment, pursuant to art. 127, letter d) of Presidential Decree No. 3 of January 10, 1957 ;
- 7) that he/she does not have a degree of kinship or affinity up to and including the fourth degree with a Professor belonging to the Department or Structure proposing the activation of the contract or with the Rector, or with the Director General, or with a member of the Board of Directors of the University
- 8) that he/she is physically fit for employment.

The Italian candidate must also declare in the application, under his or her own responsibility:

- 1) that he or she is registered in the electoral rolls - specifying the municipality - indicating, if necessary, the reasons for non-registration or cancellation from the same;
- 2) the position held with regard to military obligations for those born up to 1985.

Candidates who require aids for the performance of the test must produce appropriate certification issued by the relevant public health facility in accordance with Articles 4 and 20 of Law No. 104/1992.

The University of L'Aquila assumes no liability in case of unavailability of the addressee and for the loss of communication due to inaccurate indication of the address or e-mail and/or PEC address by the candidate or failure or delay in communicating the change of the addresses indicated in the application, nor for any misunderstandings not attributable to the fault of the Administration itself, or in any case attributable to the fault of third parties, fortuitous events or force majeure.

The applicant must attach the following documents to the application by uploading them to the appropriate section of the portal:

- *Curriculum vitae*, dated and signed, of scientific and professional activity bearing an **indication of all titles considered useful** for the purposes of the procedure;
  - *Project proposal* related to the profile for which you intend to compete and listed in the attached forms (Annexes A, B, C, D, E);
  - Numbered list, dated and signed, of publications considered useful for the selection in compliance with the maximum number established in the attached forms (Annexes A, B, C, D, E);
  - Photocopy of a valid identification document and social security number (for candidates who have them).
- All documents must be attached in PDF format. Each attachment should not exceed a maximum size of 30 MB.

For technical/informational information, applicants should contact support exclusively by contacting support via the link at the bottom of the page <https://pica.cineca.it/univaq>. In any case, it should be noted that computer assistance for the submission of applications is guaranteed only during office hours.

#### Art. 4

##### Application for admission of foreign applicants

Foreign nationals, in addition to what is stated in the preceding article and in the documents available in the telematic procedure, must declare in the application that they enjoy civil and political rights in the state of origin, or the reasons for the lack of this requirement.

The qualifications that EU citizens intend to submit must be reported on the curriculum vitae in the same manner as indicated in Article 3 above.

Candidates from outside the European Union in possession of a regular residence permit may use substitute declarations according to the modalities provided for citizens of the European Union, if it is a matter of proving states, facts and personal qualities certifiable or attestable by Italian public subjects or if the production of substitute declarations takes place in application of international conventions between Italy and the declarant's country of origin.

Candidates from outside the European Union who do not hold a regular residence permit must indicate in their curriculum the qualifications they hold that they intend to submit for the Commission's evaluation. They must also upload to the PICA platform, the titles, certificates and documents proving what is declared in the curriculum vitae.

Non-EU citizens must produce, at the request of the Administration, at any time and in any case at the time of eventual employment, titles and certificates, issued by the competent authorities of the State of which they are nationals or of non-EU countries, legalized by the competent Italian consular authorities or by an official translator.

#### **Art. 5**

##### **Methods and deadlines for submission of titles and publications**

Scientific publications deemed useful for evaluation purposes are attached to the application, in the maximum number stipulated in the attached forms (Annexes A, B, C, D, E) to this notice.

The files of publications, attached in PDF format, must have a maximum size of 30 MB.

Publications contained in the list attached to the application but not produced cannot be evaluated by the committee.

In the case of publications published in Italy, works for which legal deposit has been made in the forms provided for by the Luogotenenziale Legislative Decree No. 660/1945, as supplemented and amended by Law No. 106/2004 and Presidential Decree No. 252/2006, are considered assessable for the purposes of the selective procedure referred to in this Call for Papers. Fulfilment of this obligation must be certified by appropriate documentation, attached to the application, attesting to the filing, or by a declaration by the candidate, made under his/her own responsibility, in accordance with Presidential Decree No. 445/2000. For publications published abroad, the date and place of publication must be shown.

Publications written in a foreign language must be accompanied by a translation into Italian, certified as conforming to the foreign text and carried out by the competent diplomatic or consular representation or official translator. However, publications and any documentation written in a foreign language may be submitted in the language of origin, without the need for the attached translation, if that language is one of the following: French, English, German and Spanish.

All titles that the candidate intends to submit must be possessed on the date of the deadline of the announcement and must be submitted in the manner indicated in Article 3.

No supplementation or acquisition of additional titles and publications will be allowed after the deadline for submission of applications.

#### **Art.6**

##### **Exclusion from the selection**

Candidates are conditionally admitted to the selection; therefore, exclusion for lack of requirements, or in the other cases provided for in the notice, is ordered at any time of the procedure by reasoned decision of the Rector.

#### **Art.7**

##### **Establishment of the evaluation committees and timing of the selection procedure**



The Commissions are appointed by decree of the Rector, taking into account the provisions of Article 6 of the University Regulations for the awarding of research contracts, pursuant to Article 22 of Law No. 240 of 30.12.2010.

Said decrees are made public by publication on the University website as well as on the online bulletin board of this Administration.

From the date of publication of the aforementioned decrees, a peremptory deadline of **four days** begins for the candidates to submit to the Rector any petitions for recusal of the commissioners. Once this deadline has passed and, in any case, after the commissions have been set up, no petitions for recusal are allowed.

The work of the Commissions must be concluded no later than May 12, 2025, in order to ensure compliance with the deadline of May 15, 2025, prescribed by MUR D.D. No. 47/2025, for the stipulation of research contracts.

Taking into account the deadlines set by the MUR, and in view of the Resolution of the B.o.D. dated 04/16/2025, the selection procedure should follow the following schedule:

- application deadline: 27/04/2025
- commission appointment date: 28/04/2025
- deadline for recusal of commissions by candidates: 4 days from the date of appointment of the commission
- date of holding preliminary meeting of commissions: 05/05/2025
- date of evaluation of qualifications: 09/05/2025
- interview date: 12/05/2025
- contracting date: 14/05/2025

In view of the urgency of concluding contracts with the winners of the selection procedures:

the minutes of the preliminary meetings of the evaluation commissions will be published three days before the evaluation of qualifications;

the evaluation committees shall forward to the Head of the procedure:

- the minutes of the preliminary meeting on 5/05/2025, immediately downstream of the meeting;
- the minutes of the title evaluation on 9/05/2025, immediately downstream of the meeting;
- the remaining minutes on 12/05/2025, immediately downstream of the final meeting.

Departments should forward commission compositions (indicating 3 full members and 1 alternate) and component documentation in time for appointment on April 28.

Commissioners should adhere to the dates given in this article.

#### **Art. 8**

##### **Waiver of participation in the selection**

Candidates who wish to renounce participation in the selection may submit an appropriate request for renunciation, addressed to the Rector, accompanied by a photocopy of a valid identification document.

The waiver petition may be submitted by certified e-mail to the address [protocollo@pec.univaq.it](mailto:protocollo@pec.univaq.it), indicating the call for applications code in the subject line.

The absence of the candidate on the day of the convocation of the conduct of the interview shall be considered as a waiver of the selection.

#### **Art. 9**

Responsabile del Procedimento: Dott.ssa Dorian Scarsella – e-mail: [contrattidiricerca@strutture.univaq.it](mailto:contrattidiricerca@strutture.univaq.it) – tel: 0862.432089  
Per eventuali informazioni rivolgersi a: Pietro Antonelli – Raffaele Iovenitti – Giuseppina Persia – tel: 0862.433605 – 432176 – 432744

Università degli Studi dell'Aquila – Palazzo Camponeschi – Piazza Santa Margherita, 2 – 67100 L'Aquila – [www.univaq.it](http://www.univaq.it) – [protocollo@pec.univaq.it](mailto:protocollo@pec.univaq.it)

### Method of carrying out the selection

Commissions must, in the following order:

- Predetermine the criteria for evaluating the qualifications and interview;
- Evaluate the admission requirements set forth in Article 2 above;
- Evaluate the qualifications as provided in Article 8 of the University Regulations for the awarding of research contracts, pursuant to Article 22 of Law No. 240 of 30.12.2010;

Candidates are evaluated comparatively based on the following criteria (Art. 8 Regulations):

- quality, originality and innovativeness of the project proposal, with reference to the research program object of the selection (maximum score: 30);
- relevance and relevance of previous research activities and work experience, if any, in relation to the content of the research program object of selection (maximum score: 10);
- relevance of the attached publications to the research program object of the selection (maximum score: 10);
- interview aimed at ascertaining the candidate's suitability for carrying out the research activity covered by the contract and the implementation of the submitted project proposal, as well as assessing the candidate's knowledge of English and/or other languages relevant to the research (maximum score: 50).

For each candidate, the Commissions of Evaluators must analytically record in the minutes a reasoned overall judgment, the qualifications evaluated and the score awarded. The result of the evaluation of qualifications shall be made public on the selection webpage at least one day before the date set for the interview.

The interview will be held on May 12, 2025, at the place and time determined by the committee. Arrangements and time of the interview will be reported within the preliminary report that will be published on the website and on the official University bulletin board.

The interview, which may take place in telematic mode, is aimed at ascertaining the suitability for carrying out the research activity covered by the contract and the implementation of the project proposal submitted, as well as assessing the knowledge of English and/or other languages relevant to the research.

In the case of an interview conducted electronically, the candidate must be contactable at the address communicated in advance. Failure to communicate the address, failure to be connected, unavailability of the candidate on the appointed day or time, or failure to produce a valid identification document constitute grounds for exclusion from the selection procedure. The University accepts no responsibility for the possibility that technical reasons prevent the smooth conduct of the oral test.

For the purpose of identification and under penalty of exclusion from the selection procedure, each candidate is required, before the interview begins, to identify himself/herself by showing a valid identification document.

On the basis of the total scores awarded (sum of the evaluations of qualifications and the mark obtained at the interview) **and considering the minimum score of 70 points out of 100** to be included in the merit list referred to in Article 1 of this notice, the Commission shall draw up the merit list and identify the winner. In the event of a tied score, preference shall be given to the candidate belonging to the least represented gender among the candidates participating in the selection and, secondarily, to the candidate of the youngest age.

### Art. 10

#### Ascertaining the regularity of the acts

Responsabile del Procedimento: Dott.ssa Doriana Scarsella – e-mail: [contrattidiricerca@strutture.univaq.it](mailto:contrattidiricerca@strutture.univaq.it) – tel: 0862.432089  
Per eventuali informazioni rivolgersi a: Pietro Antonelli – Raffaele Iovenitti – Giuseppina Persia – tel: 0862.433605 – 432176 – 432744

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The formal regularity of the acts is ascertained by decree of the Rector, which is publicized by publication on the online bulletin board and on the University website. The merit ranking is usable exclusively in case of forfeiture or renunciation of the stipulation of contact by the winner.

From the date of publication of the merit ranking, the terms for any appeals shall run.

If the Rector finds irregularities or formal defects, he shall refer the acts to the Commission, assigning at the same time a deadline, peremptory, for regularization.

#### Art. 11

##### **Stipulation of individual employment contract, manner of carrying out activities, incompatibilities, termination of contract and termination arrangements**

A two-year fixed-term subordinate employment contract, "Research Contract," is entered into between the University and the winner, pursuant to Art. 22 of Law No. 240/2010, based on the funding under MUR Decree No. 47 of 20.02.2025 mentioned above:

CUP	Annex	Programme n.	Department	SSD
E13C25000630001	A	1	DSU	COMP-01/A
E13C25000640001	B	2	MESVA	INFO-01/A
E13C25000650001	C	3	DICEAA	CEAR-04/A
E13C25000660001	D	4	DISCAB	BIOS-11/A
E13C25000670001	E	5	DIIE	ICHI-01/B

**The stipulation will take place irrevocably on May 14, 2025, and the winners of the selection are summoned as of now at 8:00 a.m. on 14/05/2025 at the Teaching and Research Personnel Sector located in L'Aquila, Piazza Santa Margherita, 2. No other communication will be sent. Failure to show up at the place, day and time indicated will be considered a waiver. Following the stipulation, the winners will have to go to the Department in which the research project will be carried out for further fulfillment.**

The University reserves the right not to proceed with the conclusion of the research contract in the event of organizational or financial regulatory contingencies that prevent its conclusion.

The tenure of the contract does not preconstitute entitlement for access to university roles, nor can they be counted for the purposes of Article 20 of Legislative Decree No. 75 of May 25, 2017.

The contractor is entitled, for the entire duration of the relationship, to the gross annual salary, equal to 38,986.47 euros, related to the initial salary due to the confirmed researcher, with full-time commitment regime.

The contract is activated with resources from the funding referred to in MUR Directorial Decree No. 47 of 20.02.2025 (PNRR).

The Contractor will carry out his or her activities in participation in the above-mentioned research project and in the Department indicated in tabs A, B, C, D, E, in consultation with the Scientific Officer or the Director of the relevant Department. The Contractor is obliged to submit a technical-scientific report annually and at the end of the contract. He/she is also obliged to comply with all reporting requirements established by the MUR within the framework of Notice D.D. No. 47/2025.

The modalities for carrying out the activities and incompatibilities are those provided for in the current University Regulations for the awarding of research contracts.

#### Art. 13

##### **Processing of personal data**

Responsabile del Procedimento: Dott.ssa Dorian Scarsella – e-mail: [contrattidiricerca@strutture.univaq.it](mailto:contrattidiricerca@strutture.univaq.it) – tel: 0862.432089  
Per eventuali informazioni rivolgersi a: Pietro Antonelli – Raffaele Iovenitti – Giuseppina Persia – tel: 0862.433605 – 432176 – 432744

Università degli Studi dell'Aquila – Palazzo Camponeschi – Piazza Santa Margherita, 2 – 67100 L'Aquila – [www.univaq.it](http://www.univaq.it) – [protocollo@pec.univaq.it](mailto:protocollo@pec.univaq.it)

The processing of personal data is governed by Legislative Decree no. 196 of 30.06.2003 and EU Regulation no. 679/2016. The personal data provided by candidates will be collected at the University and processed for the purposes of managing this comparative selection and the eventual recruitment process.

The provision of the aforementioned data is mandatory, under penalty of exclusion from the selection.

Candidates enjoy the rights established by the aforementioned Legislative Decree, including the right to access the data concerning them, the right to have erroneous, incomplete or data collected in terms that do not comply with the Law corrected, updated, completed or deleted, as well as to oppose for legitimate reasons their processing.

The Data Controller is the University of L'Aquila, with registered office in Piazza Santa Margherita, No. 2, 67100 - L'Aquila. The designated Data Protection Officer can be contacted at the e-mail address [rpd@strutture.univaq.it](mailto:rpd@strutture.univaq.it).

#### **Art.14**

##### **Person in charge of the procedure**

The person in charge of the selection process is Dr. Doriana Scarsella e-mail: [doriana.scarsella@univaq.it](mailto:doriana.scarsella@univaq.it) (tel. +39 0862 432089), serving in the International Relations Office of this University.

Any clarifications regarding this call for applications can be directed to the following e-mail address [contrattidiricerca@univaq.it](mailto:contrattidiricerca@univaq.it) and requested to: Pietro Antonelli - Raffaele Iovenitti - Giuseppina Persia - tel: 0862.433605 - 432176 - 432744.

#### **Art.15**

##### **Final rules**

For all matters not provided for in this call for applications, the current University Regulations for the granting of research contracts, the relevant legislation in force, insofar as compatible, shall apply. The same call constitutes lex specialis of the selection, therefore participation in the same implies implicit acceptance, without reservation, of all the provisions contained therein.

This notice, as well as the constitution of the commissions, the establishment of the regularity of the acts will be made public on the University's website at <https://www.univaq.it/section.php?id=1532>.

Notice of the publication of this notice will also be given in the portal of the European Union at: <http://ec.europa.eu/euraxess>.

L'Aquila,

THE RECTOR  
Edoardo Alesse

**ANNEXES: A, B, C, D, E**

## ANNEX A

<b>No. of positions to be activated</b>	1
<b>Research programme</b>	PNRR - Missione 4 " Istruzione e Ricerca" – Componente 2 "Dalla Ricerca all'Impresa" Investimento 1.2 " Finanziamento di progetti da giovani ricercatori" finanziato dall'Unione europea – NextGenerationEU
<b>Contract type</b>	Fixed-term research contract, pursuant to Article 22 of Law No. 240/2010, as amended by Decree-Law No. 36 of April 30, 2022, converted, with amendments, by Law No. 79 of June 29, 2022
<b>Duration</b>	24 months
<b>Department and main place of activity</b>	Department of Human Studies
<b>Research Head</b>	Prof. Serena Guarracino
<b>Scientific Group - Specification</b>	10/COMP-01 – COMPARATISTICA E TEORIA DELLA LETTERATURA (COMPARATISTICS AND THEORY OF LITERATURE)
<b>Scientific Sector - Sepcification</b>	COMP-01/A - Literary criticism and comparative literatures
<b>Description of the research project on which the postdoctoral researcher will be engaged</b>	<p>Analysis of the reception of the complementary myths of Adonis and Narcissus in the homosexual culture of the second half of the 20th century in Europe. Through the theoretical tools of ancient reception, discourse analysis, and queer theories of hegemonic masculinity, the research will be divided into two phases:</p> <ul style="list-style-type: none"> <li>– archaeological analysis of the reception of the two myths;</li> <li>– investigation of representations that have reinterpreted these figures in queer ways in literature, pop culture (e.g., in European Beefcake magazines), and visual media.</li> </ul> <p>These activities will allow both to enhance the philological approach to ancient heritage and to investigate and evaluate its permanence in its contemporary reception. The project includes three output objectives, to be realized in the two years of planned activities:</p> <ul style="list-style-type: none"> <li>– the creation of a permanent seminar on ancient masculinity studies in the twentieth century (M1-M12);</li> <li>– the production of an open-access popular monograph on the myths of Adonis and Narcissus in Europe (M1-M24);</li> <li>– the production of a visual trail on Adonis and Narcissus modeled on iconos.it (M12-M24).</li> </ul> <p>These three objectives will allow:</p> <ul style="list-style-type: none"> <li>– the establishment of an international research network based in UnivAQ, thus contributing to the internationalization goals set forth in the Department's three-year programming plan;</li> <li>– dissemination of research also in dissemination modes that contribute to the Department's Third Mission and Social Impact goals.</li> </ul>
<b>Profile of the researcher to be hired</b>	The researcher must have experience in the field of comparative literatures and reception of antiquity, particularly with respect to figures of masculinity in the methodological framework of gender and queer studies. He or she should document excellent research activities, collaborative skills, and participation in national and international research networks in the areas of cultural history, Kulturwissenschaft, and reception of Greek and Roman antiquity
<b>Foreign language</b>	English

Responsabile del Procedimento: Dott.ssa Dorian Scarsella – e-mail: [contrattidiricerca@strutture.univaq.it](mailto:contrattidiricerca@strutture.univaq.it) – tel: 0862.432089  
Per eventuali informazioni rivolgersi a: Pietro Antonelli – Raffaele Iovenitti – Giuseppina Persia – tel: 0862.433605 – 432176 – 432744

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<b>Requirements for participation</b>	<p>Ph.D. in comparative studies</p> <p>or</p> <p>equivalent foreign degree or equivalent according to current regulations;</p> <p>accompanied by scientific-professional curriculum suitable for carrying out the research.</p> <p>*****</p> <p>Applicants must have completed the doctoral course having carried out a period, of at least 3 months, of training and research abroad, falling within the definition of “young researcher,” as per Art. 1, Paragraph 8 of MUR D.D. No. 47/2025, i.e., who, as of 20/02/2025, are up to 40 years of age, or, for profiles older than 40 and up to 45 years of age, have completed the PhD for a maximum of 7 years, and who are in one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>– Have to gain initial experience as a manager of research funds and/or activities;</li> <li>– Have to gain experience in leadership and management of a national and/or international research team;</li> <li>– Not have in place, or have not had prior to winning the European grant, a permanent Full Time Equivalent (FTE) contract as a researcher and/or tenured professor</li> </ul>
<b>General evaluation criteria (maximum score: 100)</b>	<p>Applicants are comparatively evaluated on the basis of the following elements:</p> <ul style="list-style-type: none"> <li>(a) quality, originality and innovativeness of the project proposal, with reference to the research program object of the selection (maximum score: 30);</li> <li>(b) relevance and relevance of the research activities previously carried out, as well as any work experience, in relation to the contents of the research program object of the selection (maximum score: 10);</li> <li>(c) relevance of the attached publications to the research program object of the selection (maximum score: 10);</li> <li>(d) interview aimed at ascertaining suitability for carrying out the research activity that is the subject of the contract and the implementation of the submitted project proposal, as well as assessment of knowledge of English and/or other languages relevant to the research (maximum score: 50).</li> </ul>
<b>Maximum number of scientific publications that can be evaluated</b>	5
<b>Financial treatment</b>	The remuneration payable for the total duration of the contract (24 months) is € 101.494,86, including all charges borne by the Entity and percipient provided by law
<b>Details of the funding sources on which to charge the cost of the contract</b>	The cost of the contract will be borne by the funds allocated by the MUR pursuant to notice D.D. no. 47 of 20/02/2025, from the resources of the National Recovery and Resilience Plan - Mission 4 'Education and Research' - Component 2 'From research to enterprise', Investment 1.2 'Funding of projects submitted by young researchers'.



<b>CUP</b>	E13C25000630001
<b>Economic coverage of the cost of the contract</b>	Budget economico UA.ATE.DSUM Codice Progetto UGOV: 09_CONTRATTO_DI_RICERCA_DSU_DD_47_2025
<b>Deadline for submitting applications</b>	27/04/2025
<b>Useful information for the presentation of the project proposal by applicants</b>	Applicants are invited to detail their project proposal around the two articulations indicated in the research project description.

## ANNEX B

<b>No. of positions to be activated</b>	1
<b>Research programme</b>	PNRR - Missione 4 "Istruzione e Ricerca" – Componente 2 "Dalla Ricerca all'Impresa" Investimento 1.2 "Finanziamento di progetti da giovani ricercatori" finanziato dall'Unione europea – NextGenerationEU
<b>Contract type</b>	Fixed-term research contract, pursuant to Article 22 of Law No. 240/2010, as amended by Decree-Law No. 36 of 30 April 2022, converted, with amendments, by Law No. 79 of 29 June 2022
<b>Duration</b>	24 months
<b>Department and main place of activity</b>	Department of Life, Health and Environmental Studies
<b>Research Head</b>	Prof. Giuseppe Placidi
<b>Scientific Group - Specification</b>	01/INF-01 Informatica (Computer Science)
<b>Scientific Sector - Sepcification</b>	INFO-01/A Informatica (Computer Science)
<b>Description of the research project on which the postdoctoral researcher will be engaged</b>	<p>The project in which the researcher will be working aims to propose and validate a composite prototype of a Digital Twin of Multiple Sclerosis patients (DTMS), i.e. composed of both a DT for a single patient and a DT of classes of patients, which allows diagnosis, prognostic prediction and therapeutic response. Its realisation includes the following steps:</p> <ol style="list-style-type: none"> <li>1) Preprocessing of multimodal data (mainly MRI radiological images and EEG signals) of Multiple Sclerosis (MS), by means of semi-automatic, mainly AI-based models, and their semantic harmonisation;</li> <li>2) Development of AI-based predictive models of disease course and progression, based on previously processed data;</li> <li>3) Implementation of customised DTMSs and patient clusters, in order to enable the assessment of disease specificity on the individual patient, in relation to the cluster of assignment, and the timely prediction of the transition to another cluster;</li> <li>4) Implementation of a specific data visualisation dashboard, in order to simplify the reading and interpretation of the results processed by the models.</li> </ol>
<b>Profile of the researcher to be hired</b>	<p>The researcher will have to conduct research in the field of computer science applied to biomedical signals and will have to possess solid skills in the structuring and application of advanced algorithmic and methodological techniques for signal processing and analysis (EEG) and Magnetic Resonance Imaging (MRI). An in-depth knowledge of Artificial Intelligence (AI)-based methodologies, with particular reference to Deep Learning, and of concepts derived from Computer Vision for the analysis of medical imaging data and their classification and segmentation, both from healthy people and those suffering from various neurological diseases, is required. A proven ability to apply computational approaches to the management and analysis of complex multimodal data (preprocessing, radiomics, development of predictive models and digital twins) is required. A documented scientific production, attested by relevant publications in international journals and peer-reviewed conference proceedings in the relevant disciplinary scientific field, is indispensable.</p>
<b>Foreign language</b>	English
<b>Requirements for participation</b>	PhD in Information and Communication Technology or

Responsabile del Procedimento: Dott.ssa Doriana Scarsella – e-mail: [contrattidiricerca@strutture.univaq.it](mailto:contrattidiricerca@strutture.univaq.it) – tel: 0862.432089  
 Per eventuali informazioni rivolgersi a: Pietro Antonelli – Raffaele Iovenitti – Giuseppina Persia – tel: 0862.433605 – 432176 – 432744

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	<p>equivalent or equivalent foreign qualification according to the regulations in force; accompanied by a scientific-professional curriculum suitable for carrying out the research.</p> <p>*****</p> <p>Candidates must have completed the PhD course having carried out a period, of at least 3 months, of training and research abroad, falling within the definition of 'young researcher', as per art. 1, par. 8 of MUR D.D. no. 47/2025, i.e. who, as at 20/02/2025, are up to 40 years of age, or, for profiles over 40 and up to 45 years of age, have completed the PhD course for a maximum of 7 years, and who are in one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>– Have to gain initial experience as a manager of research funds and/or activities;</li> <li>– Have to gain experience in leadership and management of a national and/or international research team;</li> <li>– Not have in place, or have not had prior to winning the European grant, a permanent Full Time Equivalent (FTE) contract as a researcher and/or tenured professor</li> </ul>
<b>General evaluation criteria (maximum score: 100)</b>	<p>Applicants are comparatively evaluated on the basis of the following elements:</p> <ul style="list-style-type: none"> <li>a) quality, originality and innovativeness of the project proposal, with reference to the research programme subject of the selection (maximum score: 30)</li> <li>b) relevance and relevance of the research activities previously carried out, as well as of the work experience, if any, in relation to the contents of the research programme subject of the selection (maximum score: 10)</li> <li>c) relevance of the attached publications to the research programme that is the object of the selection (maximum score: 10)</li> <li>d) interview aimed at ascertaining the suitability to carry out the research activity subject of the contract and to implement the project proposal submitted, as well as at assessing the knowledge of English and/or other languages relevant to the research (maximum score: 50).</li> </ul>
<b>Maximum number of scientific publications that can be evaluated</b>	5
<b>Financial treatment</b>	The remuneration payable for the total duration of the contract (24 months) is € 101.494,86, including all charges borne by the Entity and percipient provided by law
<b>Details of the funding sources on which to charge the cost of the contract</b>	The cost of the contract will be borne by the funds allocated by the MUR pursuant to notice D.D. no. 47 of 20/02/2025, from the resources of the National Recovery and Resilience Plan - Mission 4 'Education and Research' - Component 2 'From research to enterprise', Investment 1.2 'Funding of projects submitted by young researchers'.
<b>CUP</b>	E13C25000640001
<b>Economic coverage of the cost of the contract</b>	Budget economico UA.ATE.MESVA Codice Progetto UGOV: 06DD_47_2025_MESVA_CONTRATTO_RICERCA



<b>Deadline for submitting applications</b>	27/04/2025
<b>Useful information for the presentation of the project proposal by applicants</b>	The activities will be carried out at the A2VI-Lab, c/o Department of Life, Health and Environmental Sciences, managed by the research manager.



## ANNEX C

<b>No. of positions to be activated</b>	1
<b>Research programme</b>	PNRR - Missione 4 "Istruzione e Ricerca" – Componente 2 "Dalla Ricerca all'Impresa" Investimento 1.2 "Finanziamento di progetti da giovani ricercatori" finanziato dall'Unione europea – NextGenerationEU
<b>Contract type</b>	Fixed-term research contract, pursuant to Article 22 of Law No. 240/2010, as amended by Decree-Law No. 36 of 30 April 2022, converted, with amendments, by Law No. 79 of 29 June 2022
<b>Duration</b>	24 months
<b>Department and main place of activity</b>	Department of Civil, Construction-Architectural and Environmental Engineering (DICEAA)
<b>Research Head</b>	Prof. Donatella Dominici
<b>Scientific Group - Specification</b>	08/CEAR-04 – Geomatica (Geomatics)
<b>Scientific Sector - Sepcification</b>	CEAR-04/A - Geomatica (Geomatics)
<b>Description of the research project on which the postdoctoral researcher will be engaged</b>	The research project focuses on the application of geomatic techniques for the monitoring and management of structures, infrastructures and the environment. Specifically, the activity involves the integration of LiDAR and photogrammetric data (from the ground and from UAVs) for analysing the stability and degradation of infrastructures and optical and SAR satellite images for studying coastal areas. The monitoring of morphological and structural changes, with particular attention to the effects of climate change is the main objective of the project. The researcher will also be involved in advanced data analysis through classification and change detection techniques using experimental and non-experimental algorithms, for risk assessment and planning of maintenance and mitigation interventions. The aim is to improve the accuracy and reliability of analysis processes and support sustainable infrastructure and land management.
<b>Profile of the researcher to be hired</b>	An expert in geomatic techniques for advanced surveying and analysis of land, structures and infrastructure is sought. The candidate should have skills in photogrammetry, remote sensing, laser scanning and traditional surveying techniques, as well as in the processing of LiDAR data and optical and SAR satellite images and 3D modelling. Knowledge of the fundamentals of topography (geodesy, cartography, GNSS) is also required.
<b>Foreign language</b>	English
<b>Requirements for participation</b>	<p>PhD in Civil Engineering or equivalent, accompanied by a scientific-professional curriculum vitae suitable for carrying out the research.</p> <p>*****</p> <p>Candidates must have completed the PhD course having carried out a period, of at least 3 months, of training and research abroad, falling within the definition of 'young researcher', as per art. 1, par. 8 of MUR D.D. no. 47/2025, i.e. who, as at 20/02/2025, are up to 40 years of age, or, for profiles over 40 and up to 45 years of age, have completed the PhD course for a maximum of 7 years, and who are in one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>– Have to gain initial experience as a manager of research funds and/or activities;</li> <li>– Have to gain experience in leadership and management of a national and/or international research team;</li> </ul>

Responsabile del Procedimento: Dott.ssa Dorian Scarsella – e-mail: [contrattidiricerca@strutture.univaq.it](mailto:contrattidiricerca@strutture.univaq.it) – tel: 0862.432089  
Per eventuali informazioni rivolgersi a: Pietro Antonelli – Raffaele Iovenitti – Giuseppina Persia – tel: 0862.433605 – 432176 – 432744

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	– Not have in place, or have not had prior to winning the European grant, a permanent Full Time Equivalent (FTE) contract as a researcher and/or tenured professor
<b>General evaluation criteria (maximum score: 100)</b>	Applicants are comparatively evaluated on the basis of the following elements: <ul style="list-style-type: none"> <li>a) quality, originality and innovativeness of the project proposal, with reference to the research programme subject of the selection (maximum score: 30)</li> <li>b) relevance and relevance of the research activities previously carried out, as well as of the work experience, if any, in relation to the contents of the research programme subject of the selection (maximum score: 10)</li> <li>c) relevance of the attached publications to the research programme that is the object of the selection (maximum score: 10)</li> <li>d) interview aimed at ascertaining the suitability to carry out the research activity subject of the contract and to implement the project proposal submitted, as well as at assessing the knowledge of English and/or other languages relevant to the research (maximum score: 50).</li> </ul>
<b>Maximum number of scientific publications that can be evaluated</b>	5
<b>Financial treatment</b>	The remuneration payable for the total duration of the contract (24 months) is € 101.494,86, including all charges borne by the Entity and percipient provided by law
<b>Details of the funding sources on which to charge the cost of the contract</b>	The cost of the contract will be borne by the funds allocated by the MUR pursuant to notice D.D. no. 47 of 20/02/2025, from the resources of the National Recovery and Resilience Plan - Mission 4 'Education and Research' - Component 2 'From research to enterprise', Investment 1.2 'Funding of projects submitted by young researchers'.
<b>CUP</b>	E13C25000650001
<b>Economic coverage of the cost of the contract</b>	Budget economico UA.ATE.DICEAA Codice Progetto UGOV: 03MIDOMCONRIC2025
<b>Deadline for submitting applications</b>	27/04/2025
<b>Useful information for the presentation of the project proposal by applicants</b>	The research project submitted must be consistent with the achievement of the objectives, i.e. it must provide for the integration of LiDAR and photogrammetric data (from the ground and from UAVs) for the analysis of the stability and degradation of infrastructures and of optical and SAR satellite images for the study of coastal areas, with a focus on the assessment of morphological and structural changes and the effects of climate change.

## ANNEX D

<b>No. of positions to be activated</b>	1
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Responsabile del Procedimento: Dott.ssa Dorian Scarsella – e-mail: [contrattidiricerca@strutture.univaq.it](mailto:contrattidiricerca@strutture.univaq.it) – tel: 0862.432089  
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<b>Research programme</b>	PNRR - Missione 4 “ Istruzione e Ricerca” – Componente 2 “Dalla Ricerca all’Impresa” Investimento 1.2 “ Finanziamento di progetti da giovani ricercatori” finanziato dall’Unione europea – NextGenerationEU
<b>Contract type</b>	Fixed-term research contract, pursuant to Article 22 of Law No. 240/2010, as amended by Decree-Law No. 36 of 30 April 2022, converted, with amendments, by Law No. 79 of 29 June 2022
<b>Duration</b>	24 months
<b>Department and main place of activity</b>	Department of Biotechnological and Applied Clinical Sciences
<b>Research Head</b>	Prof. Mario Rossi
<b>Scientific Group - Specification</b>	05/BIOS-11 – Farmacologia (Pharmacology)
<b>Scientific Sector - Sepcification</b>	BIOS-11/A – Farmacologia (Pharmacology)
<b>Description of the research project on which the postdoctoral researcher will be engaged</b>	<p>The project will explore the role of the M3 muscarinic receptor (M3R) in the regulation of <math>\beta</math>-cells derived from hiPSCs, with the aim of improving their survival and function in the context of type 1 diabetes (T1D). It is well established that M3R plays a crucial role in the regulation of pancreatic <math>\beta</math>-cell functions, such as insulin release. Recent studies also suggest that M3R activation may protect <math>\beta</math>-cells by increasing the expression of PD-L1 and PD-L2, proteins involved in immunotolerance. In collaboration with researchers at the San Raffaele Hospital in Milan, we are going to study the effects of cholinergic signalling on <math>\beta</math>-cells derived from hiPSCs functionally similar to native ones and used as cell therapy in the treatment of T1D. In particular, we will study the effects of cholinergic receptor stimulation on intracellular signals, ROS production and senescence markers (such as P16 and P38). Considering also the autoimmune nature of T1D, we will use resonance energy transfer (RET) techniques in drug discovery to test molecules with immunomodulatory activity, such as allosteric CXCR1/2 receptor ligands.</p> <p>Expected results include improved <math>\beta</math>-cell survival and function, with implications for the development of more effective therapies in the treatment of T1D.</p>
<b>Profile of the researcher to be hired</b>	The researcher should have knowledge and expertise on mechanisms of drug action, both at the molecular level and in vivo, and on advanced methodologies for studying the activity of G-protein-coupled receptors, in particular RET (resonance energy transfer) techniques and molecular pharmacology approaches. He/she will have to document high quality research activities and experience abroad at a high-profile and internationally recognised centre.
<b>Foreign language</b>	English
<b>Requirements for participation</b>	<p>PhD in the bio-medical field</p> <p>or</p> <p>equivalent or equivalent foreign qualification in accordance with the regulations in force;</p> <p>accompanied by a scientific-professional curriculum suitable for carrying out the research.</p> <p>*****</p> <p>Candidates must have completed the PhD course having carried out a period, of at least 3 months, of training and research abroad, falling</p>

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	<p>within the definition of 'young researcher', as per art. 1, par. 8 of MUR D.D. no. 47/2025, i.e. who, as at 20/02/2025, are up to 40 years of age, or, for profiles over 40 and up to 45 years of age, have completed the PhD course for a maximum of 7 years, and who are in one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>– Have to gain initial experience as a manager of research funds and/or activities;</li> <li>– Have to gain experience in leadership and management of a national and/or international research team;</li> <li>– Not have in place, or have not had prior to winning the European grant, a permanent Full Time Equivalent (FTE) contract as a researcher and/or tenured professor</li> </ul>
<b>General evaluation criteria (maximum score: 100)</b>	<p>Applicants are comparatively evaluated on the basis of the following elements:</p> <ul style="list-style-type: none"> <li>a) quality, originality and innovativeness of the project proposal, with reference to the research programme subject of the selection (maximum score: 30)</li> <li>b) relevance and relevance of the research activities previously carried out, as well as of the work experience, if any, in relation to the contents of the research programme subject of the selection (maximum score: 10)</li> <li>c) relevance of the attached publications to the research programme that is the object of the selection (maximum score: 10)</li> <li>d) interview aimed at ascertaining the suitability to carry out the research activity subject of the contract and to implement the project proposal submitted, as well as at assessing the knowledge of English and/or other languages relevant to the research (maximum score: 50).</li> </ul>
<b>Maximum number of scientific publications that can be evaluated</b>	<b>5</b>
<b>Financial treatment</b>	The remuneration payable for the total duration of the contract (24 months) is € 101.494,86, including all charges borne by the Entity and percipient provided by law
<b>Details of the funding sources on which to charge the cost of the contract</b>	The cost of the contract will be borne by the funds allocated by the MUR pursuant to notice D.D. no. 47 of 20/02/2025, from the resources of the National Recovery and Resilience Plan - Mission 4 'Education and Research' - Component 2 'From research to enterprise', Investment 1.2 'Funding of projects submitted by young researchers'.
<b>CUP</b>	E13C25000660001
<b>Economic coverage of the cost of the contract</b>	Budget economico UA.ATE.(codice dipartimento) Codice Progetto UGOV: DICAB_DD472025
<b>Deadline for submitting applications</b>	27/04/2025
<b>Useful information for the presentation of the project proposal by applicants</b>	The project proposal submitted by the candidates must be articulated in: a) Abstract of the project; b) State of the art (suitably referenced); c) Objectives (with clear reference to the proposed methodologies); d)



	Expected results (with definition of the potential risks of the research and possible solutions); e) Impact and relevance of the proposed research. The project proposal submitted by applicants must have a maximum length of 10000 characters (spaces excluded).
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## ANNEX E

<b>No. of positions to be activated</b>	1
<b>Research programme</b>	PNRR - Missione 4 "Istruzione e Ricerca" – Componente 2 "Dalla Ricerca all'Impresa" Investimento 1.2 "Finanziamento di progetti da giovani ricercatori" finanziato dall'Unione europea – NextGenerationEU
<b>Contract type</b>	Fixed-term research contract, pursuant to Article 22 of Law No. 240/2010, as amended by Decree-Law No. 36 of 30 April 2022, converted, with amendments, by Law No. 79 of 29 June 2022
<b>Duration</b>	24 months
<b>Department and main place of activity</b>	Department of Industrial and Information Engineerings and Economics (DIIIE)
<b>Research Head</b>	Prof. Andrea di Carlo
<b>Scientific Group - Specification</b>	09/ICHI-01-Sistemi, Metodi e Tecnologie dell'Ingegneria Chimica e di Processo (Systems, Methods and Technologies in Chemical and Process Engineering)
<b>Scientific Sector - Sepcification</b>	ICHI-01/B -Principi di ingegneria chimica (Principles of Chemical Engineering)
<b>Description of the research project on which the postdoctoral researcher will be engaged</b>	The researcher must have experience with biomass gasification, fluidised bed reactors and hot catalytic gas cleaning and conditioning systems for tar conversion and particulate removal. In particular, he/she must have experience in testing these systems on a bench (laboratory) and pilot plant scale. Experience in process simulation and numerical simulation of fluidised bed reactors is required.
<b>Profile of the researcher to be hired</b>	<p>The objective of the project is to integrate a biomass gasification system (100 kWth pilot scale) with a catalytic tar steam reforming system to obtain a clean, H<sub>2</sub>-rich gas for the production of biofuel or pure H<sub>2</sub> for use in automotive and in conventional or high-efficiency CHP systems (Fuel Cells).</p> <p>Below is a description of the activities.</p> <p>LA1 M1-M12. Testing of catalysts (supplied by companies with which the University collaborates) for steam reforming of tar:</p> <ul style="list-style-type: none"> <li>in microreactors, using mixtures of tar samples and H<sub>2</sub>S as a catalyst deactivating agent, in concentrations typical of the process;</li> <li>in benchtop fluidised bed gasification reactors.</li> </ul> <p>These activities will allow a preliminary screening and selection of the optimal operating conditions and catalysts (microreactor test) and verify their performance with real syngas from gasification (benchtop reactor test).</p> <p>LA2 M12-M24. Testing of the 100 kWth pilot gasifier with sufficient quantities of the selected catalysts for a large number of hours (up to 500), to demonstrate the technical feasibility of the process in the (industrially) relevant environment.</p> <p>LA3 M1-M24. Process simulation to perform mass and energy balances of the system.</p> <p>It is expected that the prototype gasifier with integrated gas conditioning, developed in previous national (HBF2.0, AIRE) and EU (BLAZE) projects will achieve a TRL5-6 at the end of the project</p>
<b>Foreign language</b>	English
<b>Requirements for participation</b>	<p>PhD in Industrial Engineering</p> <p>or</p> <p>equivalent foreign qualification or equivalent according to the</p>

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	<p>regulations in force;</p> <p>accompanied by a scientific-professional curriculum suitable for carrying out the research.</p> <p>*****</p> <p>Candidates must have completed the PhD course having carried out a period, of at least 3 months, of training and research abroad, falling within the definition of 'young researcher', as per art. 1, par. 8 of MUR D.D. no. 47/2025, i.e. who, as at 20/02/2025, are up to 40 years of age, or, for profiles over 40 and up to 45 years of age, have completed the PhD course for a maximum of 7 years, and who are in one or more of the following conditions:</p> <ul style="list-style-type: none"> <li>– Have to gain initial experience as a manager of research funds and/or activities;</li> <li>– Have to gain experience in leadership and management of a national and/or international research team;</li> <li>– Not have in place, or have not had prior to winning the European grant, a permanent Full Time Equivalent (FTE) contract as a researcher and/or tenured professor</li> </ul>
<b>General evaluation criteria (maximum score: 100)</b>	<p>Applicants are comparatively evaluated on the basis of the following elements:</p> <ul style="list-style-type: none"> <li>a) quality, originality and innovativeness of the project proposal, with reference to the research programme subject of the selection (maximum score: 30)</li> <li>b) relevance and relevance of the research activities previously carried out, as well as of the work experience, if any, in relation to the contents of the research programme subject of the selection (maximum score: 10)</li> <li>c) relevance of the attached publications to the research programme that is the object of the selection (maximum score: 10)</li> <li>d) interview aimed at ascertaining the suitability to carry out the research activity subject of the contract and to implement the project proposal submitted, as well as at assessing the knowledge of English and/or other languages relevant to the research (maximum score: 50).</li> </ul>
<b>Maximum number of scientific publications that can be evaluated</b>	5
<b>Financial treatment</b>	The remuneration payable for the total duration of the contract (24 months) is € 101.494,86, including all charges borne by the Entity and percipient provided by law
<b>Details of the funding sources on which to charge the cost of the contract</b>	The cost of the contract will be borne by the funds allocated by the MUR pursuant to notice D.D. no. 47 of 20/02/2025, from the resources of the National Recovery and Resilience Plan - Mission 4 'Education and Research' - Component 2 'From research to enterprise', Investment 1.2 'Funding of projects submitted by young researchers'.
<b>CUP</b>	E13C25000670001



<b>Economic coverage of the cost of the contract</b>	Budget economico UA.ATE.DIIIE Codice Progetto UGOV: 05.DIIIE_RIC_INTERN_POST_DOT
<b>Deadline for submitting applications</b>	27/04/2025
<b>Useful information for the presentation of the project proposal by applicants</b>	The project proposal must have a maximum number of characters of 6,000, including spaces.