Decree of the Rector n. 1139 of 08/11/2023
Competition for awarding 1 research grant at the University of Udine

DISCLAIMER:
The official and legally binding call for applications is in Italian only.
This document cannot be used for legal purposes and is only meant to provide information in English on the call for applications (Decree of the Rector n. 1139 of 08/11/2023). Please refer to the official call published on: https://www.uniud.it/it/albo-ufficiale

Any change and integration will be made available on the above mentioned web page. Therefore, no personal written communication regarding the examination date and/or competition results shall be provided to applicants.

Annex 1

Competition announcement for the assignment of 1 research grant at the University of Udine, entitled “Seed functional ecology as effective tool in the conservation and restore of biodiversity” SSD: BIO/04 (principal investigator, Valentino Casolo)

Art. 1
A selection procedure is hereby launched for the award of 1 research grant at the University of Udine, as identified in Attachment A which constitutes an integral part of the present announcement.
The research grant is linked to the research project and is subject and conditioned upon the relative funding.
The fellowship may be renewed, in compliance with Art. 22, Law No. 240 of 30 December 2010 (as in the text in force before the implementation of the Conversion Law of the D.L. 36/2022, L. 79/2022), Law No. 11 of 27 February 2015, and the current regulations of the University of Udine for awarding research grants, issued with the Rector’s Decree No. 182 of 31 March 2021. The renewal is subject to the scientific coordinator’s positive assessment of the researcher’s activities, an adequate scientific rationale, and a corresponding financial covering.

The research fellowship does not give rise to any right with regards to accessing University posts.

Any personal communication to candidates related to this selection will be sent exclusively to the email address indicated when registering for the selection, as mentioned in Art. 5.

Art. 2
The research grant described in this competition announcement and the required qualifications to apply for the position are identified in Attachment A. The lack of the admission requirements leads to the automatic exclusion from the competition procedure.

Possession of a PhD or equivalent degree obtained abroad or, only for the interested areas, of a medical specialization accompanied by an adequate scientific production, constitutes a preferential qualification for awarding the research fellowship of this selection, if it has not been provided as a mandatory requirement.

For the only purpose of the admission to the competition, the Examining Board (Art. 7) shall assess the equivalence of the qualification obtained abroad, except for the evaluation of the medical specialization...
qualification to which Article 38 of the Legislative Decree 165/2001 and subsequent modifications and additions, and EU regulations on the matter, shall be applied.

The Examining Board will proceed to the evaluation of the qualification obtained abroad according to the documentation attached to the application form. The Examining Board may exclude the candidate if the submitted documentation does not provide sufficient information for the assessment. Therefore, applicants must enclose all the documentation in their possession relating to their qualification in order to provide the Examining Board with sufficient information for assessment.

Candidates holding a qualification issued by a European Research Area country, if successful, must submit, if not already attached to the application form one of the following options:
- Supplement Diploma in English issued by the competent University.
- CIMEA Certificate of comparability of the foreign qualification, issued by CIMEA (Information Centre on Academic Mobility and Equivalence) via the "diplome" service at https://cimea.diplo-me.eu/udine/#/auth/login

Candidates holding a qualification issued by a non-European Research Area country, if successful, must submit, if not already attached to the application form one of the following options:
- Declaration of the on-site value of the qualification and the certificate relating to the degree with examinations and grades. A certificate in a language other than Italian or English must be accompanied by an official translation into one of these languages (certified by the competent diplomatic-consular authority or certified by a court in Italy).
- CIMEA Certificate of comparability of the foreign qualification, issued by CIMEA (Information Centre on Academic Mobility and Equivalence) via the "diplome" service at https://cimea.diplo-me.eu/udine/#/auth/login

If the Supplement Diploma or the statement/attestation of comparability are not available when signing the contract, the applicant must demonstrate that he/she has requested the documentation and submit it as soon as possible.

Any exclusion from the selection procedure due to lack of eligibility requirements, absence of required documents, failure to sign the selection application or submission of the selection application in a manner different from what is provided for in this call for applications will be communicated to applicants exclusively at the email address indicated in the application form.

Art. 3

The research grant referred to in this call for applications cannot be awarded:

a. to employees of Universities and the entities referred to in Article 22, section 1, of Italian Law no. 240 of 30 December 2010 (in the text prior to the reform introduced by Law no. 79 of 29 June 2022);

b. to those who have already been awarded research grants pursuant to Italian Law no. 240 of 30 December 2010 (prior to the reform introduced by Law no. 79 of 29 June 2022) for the maximum period provided by law, even if not continuously, excluding the period in which the grant was used in conjunction with the doctorate, up to the legal term of the relative course;

c. to those who have already benefited from research grants and fixed-term researcher contracts provided for, respectively, in Articles 22 and 24 of Italian Law no. 240 of 30 December 2010 (in the text prior to the reform introduced by Law no. 79 of 29 June 2022), for a total of 12 years, even if not consecutive;

d. to anyone who has a degree of kinship or affinity, up to and including the fourth degree, with:
   - the Rector, the Director General or a member of the Board of Directors of the University of Udine;
- the scientific supervisor or a professor/researcher belonging to the department or organisation hosting the research grant in question.

The research grant provided for in this call for applications cannot be combined:
a) with scholarships of any kind, except for those granted by Italian or foreign institutions to supplement, by means of stays abroad, the fellow's training or research activities;
b) with other research grants;
c) with an employment relationship, even if part-time, without prejudice to the relevant provisions for employees of public administrations.

The grant awarded under this call for applications is also incompatible with simultaneous attendance at university degree courses, either Bachelor's degree or Master's degree courses, research Doctorates with scholarships and medical specializations, in Italy or abroad.

Art. 4
Applicants must enclose with their application, under penalty of exclusion, the following documents:
a) their professional scientific CV, highlighting the candidate's aptitude for carrying out and implementing the research project (Attachment A);
b) their identity card, their passport or any other identification document¹;
c) (for candidates with a foreign qualification only) certification or self-certification of both the academic qualification required for the admission to the selection, and of the exams (with evaluation) took during the period of study abroad, and of any other document that can be useful to the evaluation of the degree by the Examining Board.

Applicants can attach to the application, publications and any other certification considered useful to demonstrate the qualification based on the research program (Attachment A) and to certify any research activity accomplished at public or private institutes (indicating the starting and ending date and the duration).

The documents and qualifications mentioned above must be submitted in Italian or English. Those that are not as requested will not be evaluated. Documents originally written in a language other than Italian or English must come with a translation in Italian or English, that the candidate will do on its own responsibility. The translation can be an abstract concerning the thesis.

Italian and Community candidates wishing to submit qualifications referring to conditions and facts attested by Public Administrations must proceed exclusively with self-certification. Non-EU citizens legally residing in Italy may self-certify only data that can be verified or certified by Italian public bodies. They may also use declarations in lieu when provided for by an international convention between Italy and the declarant's country of origin.

Non-EU citizens not residing in Italy cannot self-certify.

Only the qualifications possessed by the candidate on the date the application form is submitted and submitted in accordance with the procedures set out in Article 5 will be assessed.

Failure to submit mandatory documents provided for in this article will constitute grounds for exclusion from the selection.

¹ Please be aware that the residence permit is not an identification document.
Art. 5
The submission of the applications for the present call starts on November 16, 2023 at 2:00 pm (Italian time) and ends on December 5, 2023 at 2:00 pm (Italian time).

The application to take part in the selection must be completed, under penalty of exclusion, using the appropriate online procedure, available at the link https://pica.cineca.it/.
The procedure involves an applicant registration step, for those who do not already have an account, and then an application completion step.

Once completed, the online application must be signed in the manner described in the online procedure (manual signature with attached identity document or digital signature), under penalty of exclusion from selection. The application does not have to be signed if you access the above-mentioned online procedure using your SPID ID.

The qualifications referred to in Article 4 must be attached to the application in .pdf format. Individual .pdf files may not exceed 30MB.

The application for participation in the selection is automatically sent to the University of Udine with the definitive closing of the online procedure.

The University Administration:
- is not responsible if it is impossible to read the submitted documentation in electronic format due to damaged files;
- shall not accept or take into consideration qualifications or documents received in paper form or by any means other than what is specified in this article.

Reference to documents or publications already submitted in connection with other competitions is not allowed.

The Administration is not responsible for any missing document or communication because of inaccurate indication of residence and/or address submitted by the candidate during the application. Also, the Administration is not responsible if the candidate has not communicated changes in this information, or has communicated them too late. The Administration is also not responsible for any postal or telegraphic problems not attributable to the Administration itself.

Applicants are advised not to wait until the last few days before the closing date to submit their application. The University accepts no responsibility for any malfunctions due to technical problems and/or overloading of the communication line and/or application systems.

Art. 6
The selection procedure is held in accordance with the modality indicated in Attachment A.

The test will aim to assess the general preparation, experience and aptitude for research of the candidate. It will consist in the evaluation of the professional scientific curriculum, of the publications and qualifications presented, and of the interview, where foreseen.

Art. 7
The Examining board for the competition is identified in Attachment A of the present competition announcement, of which it is an integral part.
At its first meeting, the Examinining board shall appoint its President and Secretary, and establish the criteria and methods for evaluating the qualifications and the interview, where foreseen.

The results of the qualifications assessment must be disclosed to applicants during the interview, where foreseen.

The Examinining board can award a maximum of 100 points (one hundred out of one hundred) to the selection.

At the end of the evaluation procedure, the Examinining board shall formulate the general merit list based on the overall score of each candidate, and draw up the minutes of the whole competition procedure.

Based on the ranking list, the assignment is awarded to candidates who have obtained a minimum overall score of 70/100 (seventy out of one hundred).

The Examinining board's judgement is final.

The ranking list will be made public exclusively through publication on the University's official website.

Applicants will not be notified of the outcome of the evaluation.

Those who do not declare their acceptance of the research grant and do not present themselves at the research centre within the deadline communicated by the latter, even if not formally, shall lose the right to receive it. Exceptions to this term will only be granted in cases of documented force majeure.

Art. 8

The research activity cannot be started before signing the contract defining the terms and conditions of the collaboration.

The activity covered by the research grant must have the following characteristics:

a) it must be carried out as part of the research programme covered by the grant and not be a merely technical support to it;
b) it must have a close connection with the realization of the research program for which the winner of the grant has been awarded the contract;
c) it must be continuous and, in any case, temporally defined, not merely occasional, and in coordination with the overall activity of the University;
d) it must be carried out autonomously, solely within the limits of the programme prepared by the programme supervisor, without predetermined working hours.

The researcher is required to submit a detailed written report on the work carried out and the results achieved, accompanied by the opinion of the scientific supervisor, to the reference organisation at the intervals set out in the contract. The researcher must also submit interim reports and timesheets, if requested by the reference organisation.

Either the fellow or the reference organisation may withdraw from the contract. The reference organisation may terminate the contract not only in the cases referred to in Article 9, sections 2 and 3, of the "Internal rules for awarding research grants pursuant to law 240 of 30 December 2010" of the University of Udine, but also in the event the research project and therefore the financial coverage on which the research grant is based cease to exist.
Art. 9

The following legal dispositions shall apply to the grant referred to in this call for applications:
- for tax matters, the provisions of Article 4 of Italian Law no. 476 of 13 August 1984, as subsequently amended and supplemented;
- for social security matters, the provisions of Article 2(26) et seq. of Italian Law no. 335 of 8 August 1995, as subsequently amended and supplemented;
- for mandatory maternity leave, the provisions of the Italian Ministerial Decree of 12 July 2007;
- with regard to sick leave, the provisions of Article 1(788) of Italian Law no. 296 of 27 December 2006 and subsequent amendments.

During the period of mandatory maternity leave, the allowance paid by INPS according to Art. 5 of the Italian Ministerial Decree of 12 July 2007 is supplemented by the University up to the full amount of the research grant.

The grant will be paid in monthly instalments.

Art. 10

The data collected as part of the procedure referred to in Art. 5 are necessary to properly manage the selection procedure, for any subsequent management of the research grant and for purposes related to managing services provided by the University. The University of Udine is the Data Controller. At any time, the data subject may request access, rectification and, depending on the University's institutional purposes, cancellation and restriction of processing or oppose the processing of their data. The data subject can always lodge a complaint with the Italian Data Protection Authority. The complete disclosure is available on the University of Udine website in the "Privacy" section, accessible from the home page [www.uniud.it](http://www.uniud.it) Direct Link: [https://www.uniud.it/it/pagine-speciali/guida/privacy](https://www.uniud.it/it/pagine-speciali/guida/privacy)

Art. 11

For all matters not expressly mentioned in this call for applications, refer to the regulations in force on the subject cited in the introduction and to the "Internal rules for awarding research grants pursuant to Italian Law no. 240 of 30 December 2010" of the University of Udine, issued by Rector's Decree no. 182 of 31 March 2021.

Art. 12

The procedure supervisor is Dr Sandra Salvador, Head of the Research Services Area of the University of Udine.

The Responsible office at the University of Udine is "Area Servizi per la Ricerca - Ufficio Formazione per la Ricerca", via Mantica n. 31 - 33100 Udine, Italia.

To request information about the call for applications, please complete the following form available on the University of Udine website: [https://helpdesk.uniud.it/SubmitSR.jsp?type=req&accountId=universityofudine&populateSR_id=42105](https://helpdesk.uniud.it/SubmitSR.jsp?type=req&accountId=universityofudine&populateSR_id=42105)
Attachment A

Responsabile scientifico della ricerca / Principal investigator:

Nome e cognome / Name and surname: Valentino Casolo
Qualifica / Position: Ricercatore Universitario / Researcher
Dipartimento / Department: Scienze agroalimentari, ambientali e animali / Agricultural, Food, Environmental and Animal Sciences
Area MUR / Research field: 05 – Scienze biologiche
Settore concorsuale e Settore scientifico disciplinare / Scientific sector: 05/A2; BIO/04 – Fisiologia vegetale

Titolo dell’assegno di ricerca / Topic of the research fellowship “assegno di ricerca”:
I bandi sono consultabili dal sito dell’Ateneo, del MUR e di Euraxess / The calls are available on the University, MUR and Euraxess websites

Testo in italiano:
L’ecologia funzionale del seme come strategia efficace nella conservazione e nel ripristino della biodiversità.

Testo in English:
Seed functional ecology as effective tool in the conservation and restore of biodiversity.

Obiettivi previsti e risultati attesi del programma di ricerca in cui si colloca l’attività dell’assegnista di ricerca / Foreseen objectives and results of the research programme performed by the research fellow "assegnista di ricerca":
I bandi sono consultabili dal sito dell’Ateneo, del MUR e di Euraxess / The calls are available on the University, MUR and Euraxess websites

Testo in italiano:

Abstract del progetto
Il progetto intende studiare i tratti funzionali del seme in relazione alla resilienza e all’adattamento ai cambiamenti globali, al fine di migliorare la conservazione della biodiversità genetica ed ecosistemica delle piante a seme e di rendere più efficace il successivo ripristino delle popolazioni. In particolare, si vuole: i) conoscere i fattori che sovraintendono alla germinazione dei semi e applicare tecniche appropriate di superamento della dormienza; ii) identificare la variabilità genetica alla base dei diversi adattamenti e capacità di acclimatazione; iii) studiare la dispersione, la germinazione, la sopravvivenza delle plantule, integrate con indagini sulle dinamiche di popolazione e delle comunità vegetali; iv) studiare le strategie ecofisiologiche attuate dal seme per rispondere agli stress ambientali, in modo da individuare le criticità e i caratteri funzionali che garantiscono la più elevata fitness alle mutate condizioni ambientali.

Obiettivi del progetto
Lo studio della fisiologia e della funzionalità ecologica del seme ha l’obiettivo di comprendere quali siano le principali caratteristiche biologiche ed ecologiche che determinano il pericolo di estinzione e di proporre azioni utili a ridurre l’erosione della biodiversità in atto, rafforzando le popolazioni in pericolo e ripristinando quelle estinte.
<p>| Stato dell’arte | I cambiamenti globali hanno comportato e stanno comportando una continua erosione della biodiversità che per alcune specie si sta tramutando in rischio di estinzione (Urban, 2015). Le azioni di conservazione delle piante vascolari comprendono la conservazione e la propagazione del germoplasma, che poi sarà utilizzato per rinforzare le popolazioni in declino e ripristinare quelle estinte (Walters and Pence, 2021). Tuttavia, rinforzo e ripristino potrebbero risultare inefficaci a causa di problematiche legate a particolari caratteristiche ecologiche e fisiologiche del seme quali il superamento della dormienza o la cresciuta post germinazione (Baskin and Baskin, 2014; Weitbrecht et al., 2011). Un secondo aspetto molto importante, legato alla conservazione delle piante vascolari, è lo studio del mantenimento della vitalità del seme durante il periodo di conservazione presso le banche del germoplasma (Walters, et al, 2005). La regione Friuli Venezia Giulia grazie alle sue peculiarità biogeografiche e alla sua variabilità di ambienti naturali, presenta numerose specie endemiche (Poldini, 1991) e a rischio di estinzione, e rappresenta, quindi, un laboratorio ideale per affrontare le problematiche legate alla conservazione di specie endemiche e di altre legate ad ambienti minacciati quali quelli umidi Fra le prime vanno ricordate Brassica glabrescens, Armeria helodes, Erucastrum palustre; fra le seconde vi sono specie rischio di estinzione, elencate in allegato II di Direttiva Habitat quali Eleocharis camiciana, Eleocharis quadrifolia. Lo studio e la conservazione di queste specie sono già in carico all’Università di Udine (vedi paragrafo successivo: possibili potenzialità applicative). |
| Descrizione del progetto | Attività proposte e metodologie: il progetto sarà articolato nelle seguenti azioni (in collaborazione con partner quali il MUSE di Trento; Orto Botanico di Padova, Orto Botanico di Lubiana, Centro Nazionale Carabinieri Biodiversità): i) lavoro in campo, laboratorio e banca del germoplasma; ii) analisi dei dati e iii) disseminazione e divulgazione. Le indagini bibliografiche riguarderanno la ricerca di protocolli e dati sperimentali sulla conservazione, germinazione ed ecologia (legami trofici, impollinazione). Saranno proposte metodologie standard a confronto con protocolli innovativi per lo studio della germinazione in vitro e in campo. In campo saranno progettati esperimenti manipolativi delle variabili climatiche, utili a simulare eventi climatici futuri, affiancati da studi di variabilità genetica delle popolazioni. Sarà sviluppato l’utilizzo di strumenti di analisi statistica e bioinformatica, l’acquisizione delle conoscenze di base del telerilevamento e le competenze nell’approccio scientifico sperimentale, la capacità di interagire con i diversi operatori e realtà di ricerca coinvolte nelle attività collaborative del progetto. Risultati attesi: il progetto contribuirà a migliorare la conoscenza della fisiologia e delle funzioni ecologiche del seme di specie chiave per la conservazione della biodiversità. Sarà implementata la comprensione dei meccanismi ecologici e fisiologici di dormienza e germinazione, per ottimizzare la conservazione delle specie nelle collezioni di germoplasma, il rafforzamento delle popolazioni naturali e per il ripristino ambientale. Inoltre, lo studio dell’ecologia del seme sarà utile, nel contesto dei cambiamenti globali, a rendere più efficaci gli interventi di reintroduzione e ripristino delle specie negli ambienti naturali e antropizzati. |</p>
<table>
<thead>
<tr>
<th>Possibili potenzialità applicative</th>
<th>Il progetto mira a promuovere azioni e fornire supporto per il ripristino ecologico e la conservazione ex situ di ecosistemi minacciati, in sinergia con la missione M2C4 (Tutela del territorio e della risorsa idrica) del PNRR. In questo contesto, l’Università di Udine è coinvolta come partner nella rete del NBFC - National Biodiversity Future Center nel progetto Spoke 4 per programmi innovativi di conservazione e monitoraggio della biodiversità. Il progetto si inserisce in un contesto interdisciplinare, con l’adesione a reti internazionali e nazionali, in collaborazione con istituti di ricerca e orti botanici nazionali ed internazionali, nonché con la rete di banche dei semi Rete Italiana Banche del Germoplasma (RIBES), in quanto coinvolta nelle attività di programma del progetto europeo Life SeedForce di cui l’Università di Udine è partner. I risultati perseguiti saranno pubblicati e diffusi secondo i principi “Open science” e “FAIR Data”. I risultati saranno presentati a convegni di settore e pubblicati su riviste specializzate ad alto impatto e preferenzialmente in open access. Una parte dei risultati saranno disponibili sotto forma di database e linee guida (prontuari) per il trasferimento tecnologico presso i soggetti gestori della conservazione della natura.</th>
</tr>
</thead>
</table>
| Text in English: | Abstract  
The project aims to investigate the functional traits of seed in relation to resilience and adaptation to global changes, in order to improve the conservation of genetic and ecosystem biodiversity of seeded plants and make subsequent population restoration more effective. Specifically, it aims to: i) understand the factors that superintend seed germination and apply appropriate techniques for overcoming dormancy; ii) identify genetic variability underlying different adaptations and acclimatization capacities; iii) study seedling dispersal, germination, and survival, supplemented with investigations of population and plant community dynamics; and iv) study the ecophysiological strategies implemented by seed to respond to environmental stresses, in order to identify critical and functional traits that ensure the highest fitness to changing environmental conditions.  
Objectives of the project  
The study of seed physiology and ecological functionality aims to understand the main biological and ecological characteristics that determine the risk of extinction and to propose useful actions to reduce the ongoing erosion of biodiversity by strengthening... |
endangered populations and restoring extinct ones.

<table>
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<tr>
<th>State of the art</th>
<th>Ongoing Global changes resulting in continued erosion of biodiversity, which for some species is turning into extinction risk (Urban, 2015). Conservation actions for vascular plants include conservation and propagation of germplasm, which will then be used to reinforce declining populations and restore extinct ones (Walters and Pence, 2021). However, reinforcement and restoration may be ineffective due to issues related to particular ecological and physiological characteristics of the seed such as exceeding dormancy or post-germination growth (Baskin and Baskin, 2014; Weitbrecht et al., 2011). A second very important aspect related to the conservation of vascular plants is the study of seed viability maintenance during the storage period at germplasm banks (Walters, et al, 2005). The Friuli Venezia Giulia region, thanks to its biogeographical peculiarities and its variability of natural environments, has many endemic (Poldini, 1991) and endangered species, and is, therefore, an ideal laboratory to address issues related to the conservation of endemic species and others related to threatened environments such as wetlands. Among the former, <em>Brassica glabrescens</em>, <em>Armeria helodes</em>, <em>Erucastrum palustre</em> should be mentioned; The latter include endangered species listed in Annex II of Habitats Directive such as <em>Eleocharis carniolica</em>, <em>Eryngium alpinum</em>, <em>Liparis loeselii</em> and <em>Marsilea quadrifolia</em>. The study and conservation of these species are already in the charge of the University of Udine (see next section: possible application potential).</th>
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<tr>
<td>Project description</td>
<td>Proposed activities and methodologies: the project will be divided into the following actions (in collaboration with partners such as MUSE in Trento; Botanical Garden of Padua, Botanical Garden of Lubjana, National Carabinieri Biodiversity Center): i) work in field, laboratory and germplasm bank; ii) data analysis; and iii) dissemination. Literature research will cover of protocols and experimental data on conservation, germination and ecology (trophic linkages, pollination). Standard methodologies will be proposed for comparison with innovative protocols for studying germination in vitro and in the field. In the field, manipulative experiments of climatic variables, useful for simulating future climatic events, will be designed alongside studies of population genetic variability. The use of statistical and bioinformatics analysis tools, the acquisition of basic knowledge of remote sensing and skills in the experimental scientific approach, and the ability to interact with the different operators and research realities involved in the collaborative activities of the project will be developed. Expected results: the project will contribute to improving knowledge of the physiology and ecological functions of seed of key species for biodiversity conservation. Understanding of the ecological and physiological mechanisms of dormancy and germination will be implemented to optimize the conservation of species in germplasm collections, the strengthening of natural populations, and to improve environmental restoration. In addition, the study of seed ecology will be useful in the context of global changes scenario to make species reintroduction and restoration efforts in natural environments more</td>
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</tbody>
</table>
The project aims to promote actions and provide support for ecological restoration and ex situ conservation of threatened ecosystems, in synergy with the M2C4 (Land and Water Resource Protection) mission of the NRP. In this context, the University of Udine is involved as a partner in the NBFC - National Biodiversity Future Center network in the Spoke 4 project for innovative biodiversity conservation and monitoring programs. The project is part of an interdisciplinary context, with membership in international and national networks, in collaboration with national and international research institutes and botanical gardens, as well as with the seed bank network Rete Italiana Banche del Germoplasma (RIBES), as it is involved in the program activities of the European project Life SeedForce in which The University of Udine is a partner. The results pursued will be published and disseminated according to "Open science" and "FAIR Data" principles. Results will be presented at industry conferences and published in high-impact, preferably open access journals. Part of the results will be available in the form of databases and guidelines (handbooks) for technology transfer to nature conservation management entities.

**References**


**Finanziamento / Financed by:**

La copertura finanziaria graverà sui fondi/progetto:
- Risorse d'Ateneo: bando interno finanziamento assegni 2023 (D.R. n. 406/2023);

**Requisiti di ammissione / Minimum qualifications necessary:**

- Possesso di un diploma di laurea vecchio ordinamento (ante decreto 3 novembre 1999 n. 509) o di laurea specialistica/magistrale (ex decreto 3 novembre 1999 n. 509 e decreto 22 ottobre 2004 n. 270) o titolo equivalente conseguito all’estero;
- possesso di un curriculum scientifico professionale idoneo allo svolgimento dell’attività di ricerca contemplata.
- University degree obtained before Decree n. 509 of 3 November 1999 or specialist/Master’s degree (post decree n. 509 of 3 November 1999 and decree n. 270 of 22 October 2004) or equivalent degree obtained abroad;
- professional scientific curriculum suitable for the research activity above mentioned.

**Procedura selettiva / Competition procedure:**

Valutazione per titoli e colloquio / Evaluation of titles and oral exam.

I risultati della valutazione dei titoli saranno resi noti agli interessati nel corso del colloquio / The evaluation of the qualifications will be disclosed to candidates during the interview.

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<thead>
<tr>
<th>Calendario del colloquio / Calendar of the oral exam</th>
<th>Modalità / Modality</th>
<th>In presenza / On site</th>
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<tbody>
<tr>
<td>Data / Date</td>
<td>18 dicembre / December 2023</td>
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<tr>
<td>Ora / Time</td>
<td>14:30 / 2:30 pm (Italian time)</td>
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<tr>
<td>Luogo / Place</td>
<td>Sala riunioni al piano seminterrato dello stabile COT7 – Laboratori di Biologia Vegetale, DI4A, via delle scienze, 91 – Udine / Meeting room in the basement of the COT7 building – Plant Biology Laboratories, DI4A, via delle Scienze, 91 – Udine</td>
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Per sostenere il colloquio i candidati devono esibire un valido documento di riconoscimento. / Candidates must come to the interview with a valid identity document.

Eventuali variazioni saranno rese note esclusivamente mediante pubblicazione all’albo ufficiale on line dell’Ateneo / Any change will be made public solely through publication on the University web site [http://web.uniud.it/ateneo/normativa/albo_ufficiale](http://web.uniud.it/ateneo/normativa/albo_ufficiale)
## Commissione giudicatrice / Examining Board:

<table>
<thead>
<tr>
<th>Nome e Cognome</th>
<th>Qualifica</th>
<th>SSD</th>
<th>Università</th>
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<tr>
<td><strong>Membri Effettivi / Permanent members</strong></td>
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<tr>
<td>Valentino Casolo</td>
<td>RU</td>
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<td><strong>Membro Supplente / Temporary member</strong></td>
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